ACADEMIC & INDUSTRY PUBLICATIONS FEATURING SQUIDSTATS - LAST UPDATED DECEMBER 2025 via https://app.dimensions.ai/discover/publication

832 results ranging from 2017 to 2026

Please Note: This list was compiled through a database search for "Squidstat" and is not to be expected to encompass all publications in existence. All entries have validated DOI.org listings and are accessible through the Dimensions URL listed on each entry.

DOI	Title	Source title	PubYear	Authors	Authors Affiliations	Dimensions URL
10.1016/j.apcatb.2025.126147	Small-size atom-driven distortion realizes high-entropy oxides with simultaneou	Applied Catalysis B Environment and Energy	2026	Zhang, Wenjing; Ma, Wei	Zhang, Wenjing (China University	https://app.dimensions.ai/details/publication/pub.1194544150
10.1016/j.materresbull.2025.11386	Defect engineered Sr2ZnGe2O7:Nd3+ nanophosphors for multifunctional NIR op	Materials Research Bulletin	2026	Pruthviraj, I.S.; Krushna, E	Pruthviraj, I.S. (Tumkur University	https://app.dimensions.ai/details/publication/pub.1194412313
10.1016/j.matchemphys.2025.1317	Low-cost delafossite-perovskite nanocomposite for improved energy storage ap	Materials Chemistry and Physics	2026	Sivaguru, Gokul; Ghorui, I	Sivaguru, Gokul (Department of Cl	https://app.dimensions.ai/details/publication/pub.1194492368
10.1016/j.jpcs.2025.113287	Core-shell niobium pentoxide-embedded N/O-doped carbon@N-doped carbon n	Journal of Physics and Chemistry of Solids	2026	Dey, Baban; Hossain, SK S	Dey, Baban (Birla Institute of Tech	https://app.dimensions.ai/details/publication/pub.1194024660
10.1016/j.dyepig.2025.113238	Photophysical behavior of polysubstituted hydrazones and Triazaborolo[4,5-a]py	Dyes and Pigments	2026	Damian-Ascencio, Edgar;	Damian-Ascencio, Edgar (Universi	https://app.dimensions.ai/details/publication/pub.1192855976
10.1016/j.seppur.2025.135867	3D printed F-doped g-C3N4 reinforced porous boehmite for efficient degradatio	Separation and Purification Technology	2026	Dey, Debanjali; Joseph, A	Dey, Debanjali (Indian Institute of	https://app.dimensions.ai/details/publication/pub.1194444614
10.1016/j.matchemphys.2025.1317	Enhanced supercapacitor performance of rGO-modified LaFeO3 perovskite: exp	Materials Chemistry and Physics	2026	Verma, Harish; Mittal, Aa	Verma, Harish (Indian Institute of	https://app.dimensions.ai/details/publication/pub.1194655973
10.1016/j.electacta.2025.147876	A novel electrochemical pulsing strategy to promote interphase cavitation for ac	Electrochimica Acta	2026	Díaz, Itzel A.; Mota, Zyan	Díaz, Itzel A. (Autonomous Univer	https://app.dimensions.ai/details/publication/pub.1195374589
10.1016/j.est.2025.119565	Hierarchically grown ternary metal oxide nanocomposite on nickel foam for high	Journal of Energy Storage	2026	Varatharajan, P.; Vasimal	Varatharajan, P. (B.S. Abdur Rahm	https://app.dimensions.ai/details/publication/pub.1195274355
10.1016/j.jelechem.2025.119624	Annealing-tuned sodium-ion transport in Na11Sn2PS12: Interfacial stabilization	Journal of Electroanalytical Chemistry	2026	Lu, Ziyu; Li, Siwu; Ming, Li	Lu, Ziyu (Huazhong University of S	https://app.dimensions.ai/details/publication/pub.1194727744
10.1016/j.electacta.2025.147746	Flake size-dependent zinc deposition on Ti3C2T x MXene electrodes	Electrochimica Acta	2026	Viviani, Prisca; Gibertini,	Viviani, Prisca (Politecnico di Milar	https://app.dimensions.ai/details/publication/pub.1194810275
10.1016/j.memsci.2025.124838	Distinct fouling behavior tuned by two membrane-foulant interactions: contribu	Journal of Membrane Science	2026	Han, Minyuan; Wang, Yut	Han, Minyuan (Chongqing Univers	https://app.dimensions.ai/details/publication/pub.1193921432
10.1016/j.corsci.2025.113435	Design and performance study of hydrogen-resistant coatings based on MOF's p	Corrosion Science	2026	Wan, Hongxia; Min, Wen	Wan, Hongxia (China University of	https://app.dimensions.ai/details/publication/pub.1194232603
10.1016/j.mseb.2025.118696	Unveiling discharge dynamics through 1D modeling and structural analysis of VS	Materials Science and Engineering B	2026	Pugalendhi, Kalaiarasi; Ja	Pugalendhi, Kalaiarasi (Anna Univ	https://app.dimensions.ai/details/publication/pub.1192349041
10.1016/j.jpowsour.2025.238847	High-performance cobalt-doped Bismuth Vanadate supercapacitor electrodes: E	Journal of Power Sources	2026	Radhakrishnan, Yamuna;	Radhakrishnan, Yamuna (Departm	https://app.dimensions.ai/details/publication/pub.1195070336
10.1039/d5eb00178a	Resolving the true origin of mossy morphology in aqueous Zn batteries	EES Batteries	2026	Yu, Jianwen; Zhao, Zhong	Yu, Jianwen (University of Science	https://app.dimensions.ai/details/publication/pub.1194864485
10.1039/d5dd00403a	CatBot – a high-throughput catalyst synthesis and testing system with roll to roll	Digital Discovery	2025	Freiesleben de Blasio, Pa	Freiesleben de Blasio, Paolo Vince	https://app.dimensions.ai/details/publication/pub.1195001323
10.1021/acsami.5c10972	Deciphering the Interface between Two-Dimensional Aluminum Quasicrystals ar	ACS Applied Materials & Interfaces	2025	Chakraborty, Anyesha; Ha	Chakraborty, Anyesha (Indian Inst	https://app.dimensions.ai/details/publication/pub.1195640592
10.1016/j.molliq.2025.128860	Physical Eutectogel based on synergistic interactions between PEGylated DES an	Journal of Molecular Liquids	2025	Chiu, Shih-Yen; Vo, Trung	Chiu, Shih-Yen (National Central U	https://app.dimensions.ai/details/publication/pub.1194733672
10.1016/j.mseb.2025.118657	Tuning A-site cationic environment via Nd-for-La substitution to boost La0.5Sr1.5	Materials Science and Engineering B	2025	Zhao, Fenghui; Jiang, Wa	Zhao, Fenghui (Jiangxi Modern Po	https://app.dimensions.ai/details/publication/pub.1191431880
10.1016/j.energy.2025.139087	New insights for the methanol transport properties within anode gas diffusion la	Energy	2025	Wen, Yajing; Sun, Ruili; Zh	Wen, Yajing (China University of M	https://app.dimensions.ai/details/publication/pub.1194407196
10.1016/j.mseb.2025.118580	Theoretical and experimental investigation on using Arrhenius equation to analy	Materials Science and Engineering B	2025	Zheng, Fa; Qiu, Ruiming;	Zheng, Fa (Guangdong University	https://app.dimensions.ai/details/publication/pub.1190804515
10.1016/j.jpowsour.2025.238441	Accelerated proton exchange kinetics and poisoning resistance of La0.8Sr0.2Co0	Journal of Power Sources	2025	Liu, Hongming; Zhang, W	Liu, Hongming (Guangdong Energ	https://app.dimensions.ai/details/publication/pub.1193081861
10.1016/j.susmat.2025.e01769	Compositional and configuration entropy tuning enabling Cr-resistance cathode	Sustainable Materials and Technologies	2025	Wang, Zhe; Hao, Hongru;	Wang, Zhe (Harbin Normal Univer	https://app.dimensions.ai/details/publication/pub.1195123000
10.1016/j.triboint.2025.111005	Wear and corrosion performance of nickel phosphorous/nickel boron nano com	Tribology International	2025	Ravi, Pravesh; Katiyar, Jit	Ravi, Pravesh (SRM Institute of Sci	https://app.dimensions.ai/details/publication/pub.1190908225
10.1016/j.isci.2025.114117	Ammonium polyphosphate enabling nonflammable practical high-nickel cells: P	iScience	2025	Zhang, Fumin; Li, Weifen	Zhang, Fumin (Jilin University; Jilir	https://app.dimensions.ai/details/publication/pub.1195181839
10.1016/j.est.2025.118490	Synergistic enhancement of supercapacitor performance by a hierarchical La2O3	Journal of Energy Storage	2025	Anancia, R.; Helina, B.	Anancia, R. (St Xavier's College); H	https://app.dimensions.ai/details/publication/pub.1193846087
10.1016/j.porgcoat.2025.109626	Dual-layer coatings combining biomimetic surface with chlorophyll/Fe modified	Progress in Organic Coatings	2025	Huang, Bo-Wei; Ou, Yi-Ch	Huang, Bo-Wei (National Pingtung	https://app.dimensions.ai/details/publication/pub.1192433813
10.1016/j.apsusc.2025.164380	Ultra-low-resistivity nitrogen-doped p-type Cu2O thin films fabricated by reactiv	Applied Surface Science	2025	Rezek, Jiří; Koloros, Jan;	Rezek, Jiří (University of West Boh	https://app.dimensions.ai/details/publication/pub.1191877543
10.1016/j.cej.2025.170437	Engineering V-based Prussian blue analogue cathodes toward ultrahigh capacity	Chemical Engineering Journal	2025	Chen, Yan; Shen, Na; Guo	Chen, Yan (Peking University Shen	https://app.dimensions.ai/details/publication/pub.1194613014
10.1016/j.jece.2025.120008	Biomass-derived activated carbon-supported CuZnOS bimetallic oxysulfide catal	Journal of Environmental Chemical Engineerir	2025	Li, Jiqing; Guo, Yuanbo; Xi	Li, Jiqing (Fujian Agriculture and Fo	https://app.dimensions.ai/details/publication/pub.1194452173
10.1016/j.jece.2025.119875	Enhancing herbicide diuron detection in environmental food matrices with a spi	Journal of Environmental Chemical Engineerir	2025	Sivaji, Saravana Pandi; Ve	Sivaji, Saravana Pandi (National Ta	https://app.dimensions.ai/details/publication/pub.1194020664
10.1016/j.jpowsour.2025.238433	Development of an advanced Mg-CO2 fuel cell system utilizing composite gas di	Journal of Power Sources	2025	Chang, Po-Yuan; Kizhepat	Chang, Po-Yuan (National Taiwan	https://app.dimensions.ai/details/publication/pub.1193086348
10.1016/j.seppur.2025.134656	In-situ generated hydrogen pump boosting photocatalytic hydrogen evolution o	Separation and Purification Technology	2025	Liao, Wen; Xie, Fangxia; Z	Liao, Wen (Taiyuan University of T	https://app.dimensions.ai/details/publication/pub.1191517435
10.1016/j.cej.2025.171209	Low-temperature heat recovery: An economic approach to renovate air-impaire	Chemical Engineering Journal	2025	Li, Lin; Liu, Shiyu; Li, Siwu	Li, Lin (Huazhong University of Sci	https://app.dimensions.ai/details/publication/pub.1195375759
10.1016/j.scp.2025.102194	Exploring pore solution chemistry and solid phase assemblies in cement-based e	Sustainable Chemistry and Pharmacy	2025	Arjun, Sundaramoorthi; P	Arjun, Sundaramoorthi (National I	https://app.dimensions.ai/details/publication/pub.1192667402
10.1016/j.electacta.2025.147581	Electrochemical characterization and model investigation of BaZr0.625Ce0.2Y0.1	Electrochimica Acta	2025	Marasi, Martina; Cammar	Marasi, Martina (Politecnico di Mi	https://app.dimensions.ai/details/publication/pub.1194029025
10.1016/j.jelechem.2025.119518	Flexible solid-state asymmetric supercapacitors based on cobalt oxide@N/O-do	Journal of Electroanalytical Chemistry	2025	Singh, Jyoti; Hossain, SK S	Singh, Jyoti (Birla Institute of Tech	https://app.dimensions.ai/details/publication/pub.1193440382
10.1002/batt.202500585	Temperature-Assisted Surface Modified Nanostructured V2O5 for High-Perform	Batteries & Supercaps	2025	Singh, Arun Kumar; Shukl	Singh, Arun Kumar (Indian Institut	https://app.dimensions.ai/details/publication/pub.1195504978
10.1063/5.0300137	Electrochemical investigation of Donnan exclusion mechanisms in molecular lay	The Journal of Chemical Physics	2025	Jiang, Jizhou; Dauenhaue	Jiang, Jizhou (University of Notre D	https://app.dimensions.ai/details/publication/pub.1195230815
10.1021/acs.chemmater.5c01941	Growth of Metallic Lithium in Large Aluminum-Laminated Li-Ion Pouch Cells Det	Chemistry of Materials	2025	Dutoit, Charles-Emmanue	Dutoit, Charles-Emmanuel (Comm	https://app.dimensions.ai/details/publication/pub.1195189983
10.1039/d5ta01824b	Ultrasensitive detection of forever chemical perfluorooctanoic acid using two-di	Journal of Materials Chemistry A	2025	Chakraborty, Anyesha; Tr	Chakraborty, Anyesha (Indian Inst	https://app.dimensions.ai/details/publication/pub.1190839101
10.1063/5.0300212	Electrochemical performances of sodium ion battery glass anode	AIP Conference Proceedings	2025	Srinu, B.; Kumari, Y. Sarit	Srinu, B. (Geethanjali college of en	https://app.dimensions.ai/details/publication/pub.1194920931
10.1002/appl.70044	Photoreduction of Graphene Oxide via Type II Photoinitiators: An Efficient and E	Applied Research	2025	Yi, Mei; Sun, Xun; Wang,	Yi, Mei (Zhangjiang Lab, Shanghai,	https://app.dimensions.ai/details/publication/pub.1194888441
10.1039/d5nr02771c	On the crystal growth of vanadyl hydroxide (VOOH) with six-fold arms morpholo	Nanoscale	2025	Sharma, Jayanti; Kolpack,	Sharma, Jayanti (State University o	https://app.dimensions.ai/details/publication/pub.1194588399
10.1021/acs.inorgchem.5c04364	Crystal Facet Engineering in BiVO4 for Photocatalytic Deep Oxidation of Nitric O	Inorganic Chemistry	2025	Du, Zijian; Wang, Hengrui	Du, Zijian (Southwest University);	https://app.dimensions.ai/details/publication/pub.1194665258
10.1016/j.physb.2025.417835	Tailoring Na+ ion transport in Gd2O3-modified sodium silicate phosphate glass-c	Physica B Condensed Matter	2025	Srinivasula, K.C.Acharyul	Srinivasula, K.C.Acharyulu (Depart	https://app.dimensions.ai/details/publication/pub.1193132158
10.1016/j.jtice.2025.106343	Stretchable carbopol-based granular eutectogels with adhesiveness, self-healing	Journal of the Taiwan Institute of Chemical En	2025	Weng, Chun-Yun; Vo, Tru	Weng, Chun-Yun (National Centra	https://app.dimensions.ai/details/publication/pub.1191585493
10.1016/j.electacta.2025.147342	Yttrium niobium oxide-modified disposable carbon electrode for electrochemica	Electrochimica Acta	2025	Tharuman, Sharmila; Mal	Tharuman, Sharmila (National Tai	https://app.dimensions.ai/details/publication/pub.1192716868
10.1016/j.ijhydene.2025.151831	Proactive design of low-cobalt-content nanocomposite electrodes with self-sepa	International Journal of Hydrogen Energy	2025	Kang, Shizhe; Wu, Zhanta	Kang, Shizhe (Jinan University); W	https://app.dimensions.ai/details/publication/pub.1193750788
10.1016/j.jallcom.2025.184609	Introducing S in the interface to build S-bridged core-shell electrode Ni(OH)2-S/2	Journal of Alloys and Compounds	2025	Zhao, Honghong; Tang, Q	Zhao, Honghong (North University	https://app.dimensions.ai/details/publication/pub.1194317987
10.1016/j.electacta.2025.147277	Valorization of agro-waste into graphene oxide for enhanced biohydrogen recov	Electrochimica Acta	2025	Palanivel, Priya Dharshini	Palanivel, Priya Dharshini (Nationa	https://app.dimensions.ai/details/publication/pub.1192434112
10.1016/j.sna.2025.116888	Thin Film interdigital electrode sensors for cost efficient and accurate measurem	Sensors and Actuators A Physical	2025	Sutar, Swarup; Chakrabor	Sutar, Swarup (Indian Institute of	https://app.dimensions.ai/details/publication/pub.1190842253
10.1016/j.jwpe.2025.108857	A Bi2O3/carbon composite as a short-circuited cell for water purification	Journal of Water Process Engineering	2025	Ayala, María Teresa Ayal	Ayala, María Teresa Ayala (Autonc	https://app.dimensions.ai/details/publication/pub.1193641104
10.1016/j.eurpolymj.2025.114261	A privileged molecular framework: Bifunctional benzoxazines from renewable cl	European Polymer Journal	2025	Madesh, Priyanka; Krishn	Madesh, Priyanka (PSG Institute o	https://app.dimensions.ai/details/publication/pub.1192589542
10.1016/j.corsci.2025.113261	Design a new type of composite coating of functionalized graphene oxide - comp	Corrosion Science	2025	Wan, Hongxia; Min, Wen	Wan, Hongxia (China University of	https://app.dimensions.ai/details/publication/pub.1191758211
10.1002/bte2.20250056	Uncovering Full-Cell Cycling Morphology Through a Rechargeable Sodium Ion Ba	Battery Energy	2025	Braga, Maria Helena; Nisl	Braga, Maria Helena (University of	https://app.dimensions.ai/details/publication/pub.1194405197
10.1039/d5ra04426j	A poly(3-methylthiophene)/borophene hybrid for tartaric acid detection	RSC Advances	2025	Ahmed, Shahzad; Gupta,	Ahmed, Shahzad (Indian Institute	https://app.dimensions.ai/details/publication/pub.1194491571
10.1039/d5ta05487g	One-step dual process strategy for holey graphite towards scalable and stable lit	Journal of Materials Chemistry A	2025	Rathi, Keerti; Pakharenko	Rathi, Keerti (University of Toront	https://app.dimensions.ai/details/publication/pub.1193542112
10.1002/adfm.202521818	Living Liquid Metal Composites Embedded with Electrogenic Endospores for Ne	Advanced Functional Materials	2025	Rezaie, Maryam; Gao, Yar	Rezaie, Maryam (State University	https://app.dimensions.ai/details/publication/pub.1194240382
10.1109/ecce58356.2025.11260295	Enhancing Energy Intelligence: Transfer-Learning-Enabled Transformer Models for Onboard SOC Estimation Using EV CAN Data		2025	Shahverdi, Masood; Robe	Shahverdi, Masood (California Sta	https://app.dimensions.ai/details/publication/pub.1195708822
10.20517/cs.2024.205	Electrocatalytic CO2 reduction to CO enabled by Ni-Nx high activity sites formed	Chemical Synthesis	2025	Wei, Anqi; Xu, Yang; Wan	Wei, Anqi (); Xu, Yang (); Wang, Jia	https://app.dimensions.ai/details/publication/pub.1194196693

10.1021/acs.energyfuels.5c02899	Facile Single-Step Synthesis of PVP-Stabilized Ru NPs for Electrochemical Hydrog	Energy & Fuels	2025	Bhise, Rahul; Kadrekar, Ri	Bhise, Rahul (Amity University); Ka
10.1021/acsami.5c12175	Enhancing the Performance of Quasi-Two-Dimensional Perovskite-Based Pure R	ACS Applied Materials & Interfaces	2025	Han, Dong; Hua, Yulu; Li,	Han, Dong (Jilin University); Hua, Y
10.1039/d5nj03111g	Ru(ii)–CNC pincer complexes with bis(protic-NHC): comparative analysis with b	New Journal of Chemistry	2025	Saha, Achena; Yadav, Ekt	Saha, Achena (Indian Institute of T
10.1007/s12678-025-00989-9	Electrochemical CO2-Reduction to Formate over Activated-Carbon-Supported Tr	Electrocatalysis	2025	Verma, Naveen Kumar; Si	Verma, Naveen Kumar (Indian Inst
10.21203/rs.3.rs-7713381/v1	Corrosion Behavior of Conductor Materials under Various DC Electric-Field Stren	Research Square	2025	Wan, Hongxia; Geng, Lin;	Wan, Hongxia (China University of
10.1039/d5gc03723a	An activity–selectivity–stability-balanced bifunctional high-entropy phosphide fo	Green Chemistry	2025	Feng, Changrui; Zhou, Yif	Feng, Changrui (Hubei Normal Uni
10.1007/s42247-025-01217-2	Boosting the performance of PVA/LiClO4 based biopolymer electrolyte using Co	Emergent Materials	2025	M, Johnsi; S, Dhivya; B, D	M, Johnsi (Universiti Malaysia Kel
10.1021/acs.jpcc.5c03764	Optimizing Sputtered Iridium Electrocatalysts for Acidic Oxygen Evolution Using	The Journal of Physical Chemistry C	2025	Bolarin, Joshua Adedeji; S	Bolarin, Joshua Adedeji (Universit
10.1021/acsaem.5c01772	Performance Comparison of Transition Metal (Cr, Mn, Fe, Co, Ni, Cu)-Fluoride Ca	ACS Applied Energy Materials	2025	Casella, Joel; Morzy, Jędr	Casella, Joel (Laboratory for Thin F
10.1016/j.ssi.2025.116957	Fast magnetron sputtering of LiPON from carbon-doped Li3PO4 target	Solid State Ionics	2025	Osenciat, Nicolas; Clinton	Osenciat, Nicolas (Swiss Federal La
10.1016/j.ijhydene.2025.151836	Boosting performance using Pr0.6Ba0.1Sr0.3Fe1-xNixO3-δ electrode for symme	International Journal of Hydrogen Energy	2025	Wu, Yinghao; Li, Xuelian;	Wu, Yinghao (China University of M
10.1016/j.enconman.2025.120088	In-situ segmented characterizations of a solid oxide electrolysis cell operating ur	Energy Conversion and Management	2025	Chen, Hanming; Fan, Gua	Chen, Hanming (Harbin Institute o
10.1016/j.jre.2024.09.005	Construction of ternary structured Dy2O3 nanorods/carbon spheres/few layered	Journal of Rare Earths	2025	Vadivel, Sethumathavan;	Vadivel, Sethumathavan (SRM Inst
10.1016/j.mtener.2025.101995	Redox-active donor-acceptor conjugated microporous polymer for high-voltage	Materials Today Energy	2025	Yu, Zehao; Li, Mengjiao; H	Yu, Zehao (Hunan University); Li, M
10.1016/j.fuel.2025.135497	Performance and durability of passive direct formate fuel cells with Nafion- or P	Fuel	2025	Shyu, Jin-Cherng; Khoiroh	Shyu, Jin-Cherng (National Kaohsi
10.1016/j.est.2025.118086	Upcycling spent organic electrolyte to anode protective layer for lithium-ion bat	Journal of Energy Storage	2025	Li, Tianyi; Zhou, Xianggan	Li, Tianyi (Northeast Normal Unive
10.1016/j.jece.2025.117559	FeSn-integrated carbon nitride electrocatalyst for sensitive detection of pesticid	Journal of Environmental Chemical Engineerir	2025	Subramaniyan, Pulikkutty	Subramaniyan, Pulikkutty (Nation
10.1016/j.jece.2025.117442	Synergistic performance of FeWO4-WO3 composite for enhanced electrocatalyt	Journal of Environmental Chemical Engineerir	2025	Jeyaraman, Anupriya; Jua	Jeyaraman, Anupriya (Chang Gung
10.1016/j.memsci.2025.124382	Critical wetting moment and effective cleaning of gypsum scaling in membrane	Journal of Membrane Science	2025	Zhou, Lu; Liu, Jie; Liu, Jian	Zhou, Lu (Chongqing University); L
10.1016/j.jece.2025.118279	β-Nickel hydroxide incorporated exfoliated graphitic carbon nitride nanohybrid i	Journal of Environmental Chemical Engineerir	2025	Kandeepan, Yamunadevi;	Kandeepan, Yamunadevi (Nationa
10.1016/j.electacta.2025.146992	Cation deficiency driven enhancement in electrochemical performance of Sr2-xF	Electrochimica Acta	2025	Kumar, Pramod; Tripathi,	Kumar, Pramod (Indian Institute o
10.1016/j.molstruc.2025.142801	Electrochemical sensing of nitrite by Cu and Zn based metal-organic frameworks	Journal of Molecular Structure	2025	Nagasaka, Takumi; Gopal	Nagasaka, Takumi (SRM Institute o
10.1016/j.solmat.2025.113811	Effect of methylammonium chloride concentration on crystallinity, photovoltaic	Solar Energy Materials and Solar Cells	2025	Millán-Franco, Mario A.; (	Millán-Franco, Mario A. (Universit
10.1016/j.electacta.2025.146900	Design ionic liquid/copper interface for electrocatalytic CO2 conversion to ethyl	Electrochimica Acta	2025	Yao, Yu; Chen, Yingjie; Pr	Yao, Yu (University of Missouri-Co
10.1016/j.solidstatesciences.2025.1	Waste biomass-derived N, S-codoped porous carbon flakes for high energy dens	Solid State Sciences	2025	Singh, Jyoti; Dey, Baban;	Singh, Jyoti (Birla Institute of Tech
10.1038/s41598-025-13516-z	Nickel doping induced morphological and structural transformation of electroch	Scientific Reports	2025	Rana, Parvaj; Islam, Md. E	Rana, Parvaj (University of Rajshal
10.1093/ce/zkaf057	Development of Carbon Electrodes and Electrochemical Double Layer Supercap	Clean Energy	2025	Kumar, Kavan; Hallad, Sa	Kumar, Kavan (Maharana Pratap L
10.1002/adma.202513348	Integrating High-Entropy Alloy Nanocatalysts with Aligned Porous Air Electrode	Advanced Materials	2025	Ren, Ran; Liang, Ting; Gor	Ren, Ran (Hunan University); Liang
10.1021/jacs.5c05986	Selective Toluene Electrooxidation to Benzyl Alcohol	Journal of the American Chemical Society	2025	Wilsey, Madeleine K.; Caj	Wilsey, Madeleine K. (University o
10.1002/adfm.202511174	Air Stability and Na Site Activation of NASICON-Based NFPP/NVOPF/C Heterostr	Advanced Functional Materials	2025	Chen, Xin; Zeng, Jingyao;	Chen, Xin (Central South Universit
10.1002/adfm.202518247	All-Optical Controlled Neuromorphic Vision Sensor for High-Accuracy Image Rec	Advanced Functional Materials	2025	Li, Guoyi; Shan, Xuanyu; \	Li, Guoyi (Soochow University); Sh
10.1021/acsomega.5c04787	Functionalized Triazine-Based Small Molecules as Efficient Battery Anode Mater	ACS Omega	2025	Lu, Yao-Chih; Baskoro, Fe	Lu, Yao-Chih (National Chi Nan Un
10.1021/acscentsci.5c00851	Isopotential Electron Titration: Hydrogen Adsorbate-Metal Charge Transfer	ACS Central Science	2025	Hopkins, Justin A.; Page, I	Hopkins, Justin A. (University of M
10.1021/acs.chemmater.5c01873	Fabrication of 3D-Printed Carbon Microarchitected Structures with High Yield fro	Chemistry of Materials	2025	Onffroy, Philip R.; Lagat, I	Onffroy, Philip R. (Stanford Univer
10.1039/d5dd00180c	AMPERE-2: an open-hardware, robotic platform for automated electrodepositio	Digital Discovery	2025	Fisker-Bødker, Nis; Persa	Fisker-Bødker, Nis (Technical Univ
10.1021/acsami.5c09453	Binder-Free Nickel Borate/Nickel Hydroxide Bifunctional Catalyst for Coupled Ni	ACS Applied Materials & Interfaces	2025	Marbaniang, Phiralang; Ir	Marbaniang, Phiralang (Chulalong
10.1016/j.ijbiomac.2025.147511	Lignin-mediated AgCoOS bimetal oxysulfide catalysts for highly efficient catalyti	International Journal of Biological Macromole	2025	Liu, Tao; Wu, Zhenjie; Liu,	Liu, Tao (Fujian Agriculture and Fo
10.1007/s10854-025-15689-9	Enhanced electrochemical performance of CuV2O6/GCN nanocomposite as a hig	Journal of Materials Science: Materials in Elec	2025	Assefa, Hailemariam; Ada	Assefa, Hailemariam (Jimma Univ
10.1021/acsami.5c07809	Synthesis of a MXene/Metal–Organic Framework Composite for Efficient Superc	ACS Applied Materials & Interfaces	2025	M, Manikandan; P, Seyad	M, Manikandan (Vellore Institute o
10.3390/coatings15091036	Effect of High-Current Field on Corrosion Behavior of Copper Wire in Simulated a	Coatings	2025	Fan, Zhibin; Du, Baoshuai	Fan, Zhibin (Electric Power Resear
10.1002/wer.70167	Utilizing a Spirulina-Based Adsorbent for the Treatment of Real-Time, Reactive D	Water Environment Research	2025	Selvaraj, Durgadevi; Arivz	Selvaraj, Durgadevi (National Insti
10.1021/acsanm.5c03099	Copper Nanoparticle-Dispersed Laser-Induced Graphene Film-Based Electrocher	ACS Applied Nano Materials	2025	Santra, Tamojit; Gupta, R	Santra, Tamojit (Indian Institute of
10.1116/6.0004923	Femtosecond laser-textured copper surface for reducing initial copper ion burst	Biointerphases	2025	Liu, Junbo; Zhou, Lili; Liu,	Liu, Junbo (First Hospital of Jilin Un
10.1149/1945-7111/adfe9a	An Industrially Convenient Method of Synthesizing Pore-free Aluminum Coating	Journal of The Electrochemical Society	2025	Moharana, Rakesh; Sivan	Moharana, Rakesh (Indian Institut
10.1016/j.ijhydene.2025.151215	Rational design of self-supported Mo-doped NiSe2/CoSe2 heterostructures as bi	International Journal of Hydrogen Energy	2025	Aggarwal, Priyanka; Sarka	Aggarwal, Priyanka (Malaviya Nati
10.1016/j.mseb.2025.118372	Improving cathode electrocatalysis via Co-substitution-driven interstitial transpc	Materials Science and Engineering B	2025	Hu, Jiani; Ma, Lei; Jiang, V	Hu, Jiani (University of South Chin
10.1016/j.est.2025.117451	Tin disulfide coordinated with sodium alginate as stable anode materials for high	Journal of Energy Storage	2025	Sun, Hechen; Zhou, Xiang	Sun, Hechen (Northeast Normal U
10.1016/j.psep.2025.107593	Sol-gel assisted synthesis of rare earth (4f)-transition metal (3d) binary metal oxi	Process Safety and Environmental Protection	2025	Kandeepan, Yamunadevi;	Kandeepan, Yamunadevi (Nationa
10.1016/j.fub.2025.100089	Improving active mass yield and dynamic charge acceptance in lead-acid batteri	Future Batteries	2025	Araújo, Maria Nicheilly Pc	Araújo, Maria Nicheilly Pontes (Fe
10.1016/j.jclepro.2025.146342	Robust high-performance bimetallic phosphide platform for cost-effective envir	Journal of Cleaner Production	2025	Tharuman, Sharmila; Nat	Tharuman, Sharmila (National Taip
10.1016/j.jallcom.2025.183386	Anchoring polyoxometalate-derived FeMoO nanoparticle on porous g-C3N4-x as	Journal of Alloys and Compounds	2025	Wang, Ya; Tu, Senyu; Liu,	Wang, Ya (Jilin Engineering Norma
10.1016/j.est.2025.117664	Li-O2 flow batteries with high mass loading and energy density	Journal of Energy Storage	2025	Li, Xianglin	Li, Xianglin (Washington Universit
10.1016/j.cej.2025.165132	Potassium-doping double perovskite with improved oxygen reaction activity and	Chemical Engineering Journal	2025	Zhao, Ao; Jin, Fangjun; Zh	Zhao, Ao (China University of Mini
10.1016/j.materresbull.2025.11344	Designing dual-phase ZnO-Al2O3-CuO nanostructures for enhanced supercapaci	Materials Research Bulletin	2025	Sanni, Abdulkadeem; Gov	Sanni, Abdulkadeem (Chulalongko
10.1016/j.electacta.2025.146568	Li3InCl6 electrolyte with high voltage compatibility for Ni-rich layered oxide cath	Electrochimica Acta	2025	Liu, Chen; Li, Siwu; Li, Lin;	Liu, Chen (Huazhong University of
10.1016/j.corsci.2025.113053	HiPIMS-enabled Ti-doped amorphous carbon coatings for high-performance PEM	Corrosion Science	2025	Che, Zhiqiang; Feng, Yi; C	Che, Zhiqiang (Nanjing Tech Unive
10.1016/j.colsurfa.2025.137171	Temperature and time-regulated synthesis of Fe2O3 hexagons for the selective e	Colloids and Surfaces A Physicochemical and E	2025	Shanmugam, Ragurethina	Shanmugam, Ragurethinam (Natic
10.1016/j.cej.2025.165085	Highly reversible and dendrite-free zinc anode enabled by in-situ copolymerizati	Chemical Engineering Journal	2025	Kimilita, Patrick Dedetem	Kimilita, Patrick Dedetemo (Unive
10.1016/j.electacta.2025.146619	Lanthanum and oxygen co-doping of lithium argyrodite for enhanced humid air s	Electrochimica Acta	2025	Yang, Jie; Wang, Yi; Jiang,	Yang, Jie (Huazhong University of
10.1016/j.surfin.2025.107235	Enhanced corrosion resistance of epoxy composite coatings with green graphite	Surfaces and Interfaces	2025	Bandyopadhyay, Rupam;	Bandyopadhyay, Rupam (Indian In
10.1016/j.cej.2025.165752	Tuning zinc deposition chemistry: The role of barium nitrate in enhancing zinc-ai	Chemical Engineering Journal	2025	Khezri, Ramin; Motlagh, S	Khezri, Ramin (Chulalongkorn Uni
10.3390/en18174503	Au–MIL Nanocomposites with Enhanced Borohydride Oxidation Kinetics for Pote	Energies	2025	Belhaj, Ines; Becker, Alex	Belhaj, Ines (University of Lisbon);
10.1002/adma.202502245	Measuring Zn Transference with Precision: Insights for Dendrite-Free Zinc Metal	Advanced Materials	2025	Vazquez, Dario Gomez; Ta	Vazquez, Dario Gomez (ETH Zurich
10.1021/acsnano.5c08617	Strain-Induced Distortion of MXene Nanosheets Enabling Freestanding Electrod	ACS Nano	2025	Li, Guohao; Wang, Jie; Fa	Li, Guohao (Hunan University); Wa
10.1007/978-3-032-04372-6_8	Design and Development of a Highly Sensitive Aptamer Based Electrochemical S	IFMBE Proceedings	2025	Saravanan, Deepak; Moh	Saravanan, Deepak (Indian Institut
10.21203/rs.3.rs-7159044/v1	Electrochemical CO2-reduction to Formate over Activated Carbon-Supported Tra	Research Square	2025	Verma, Naveen Kumar; Si	Verma, Naveen Kumar (Indian Inst
10.1007/s11270-025-08456-3	A Factorial Design Approach for Hydroxyl Radical Production using a Flexible UV	Water, Air, & Soil Pollution	2025	Razo-Negrete, Mónica; Tr	Razo-Negrete, Mónica (Autonomo
10.1007/s10965-025-04526-6	Investigation lithium nitrate doping in PVA:CS blend polymer electrolytes for en	Journal of Polymer Research	2025	Kumar, Kailash; Sharma, A	Kumar, Kailash (Teerthanker Mah

10.1039/d5nj01483b	BODIPY-carbazole multichromophoric systems for green LED-assisted photodyn	New Journal of Chemistry	2025	Ledezma, Raquel; Lozano	Ledezma, Raquel (Consejo Nacion
10.3390/nano15161217	Enhanced Electrochromic Properties of NiOx Films Through Magnesium Doping	Nanomaterials	2025	Yao, Xiaoyu; Ding, Shuai;	Yao, Xiaoyu (Northwest University
10.1007/s10008-025-06393-z	Effect of binder concentration on ternary MnO2/CuS/reduced graphene oxide n	Journal of Solid State Electrochemistry	2025	Chaudhary, Manika; Oyel	Chaudhary, Manika (Central Conn
10.4236/ajac.2025.168009	Effect of Ball Milling and Annealing Temperature on Electrochemical Properties	American Journal of Analytical Chemistry	2025	Manika, Chaudhary; Mich	Manika, Chaudhary (Central Conn
10.3389/frmst.2025.1552368	Preparation of biodegradable membrane utilizing chitosan and polyvinyl alcohol	Frontiers in Membrane Science and Technolog	2025	Meshram, Sumit Maya M	Meshram, Sumit Maya Moreshwa
10.1016/j.jbc.2025.110555	Cysteine oxidation of a redox hub within complex I can facilitate electron transp	Journal of Biological Chemistry	2025	Chen, Runtai; Dakhili, Sey	Chen, Runtai (University of Albert
10.1016/j.est.2025.117038	Synthesis and fabrication of MXene/copper selenide composite for high-perforn	Journal of Energy Storage	2025	Manikandan, E.; Muthula	Manikandan, E. (Vellore Institute
10.1016/j.mseb.2025.118293	B-site transition metal-engineered BaCoO3-based cathode for enhanced proton	Materials Science and Engineering B	2025	Qin, Zhenhao; Lin, Xin; Zh	Qin, Zhenhao (University of South
10.1016/j.mseb.2025.118255	Enhancing La1.2Sr0.8NiO4+δ cathode electrocatalysis for protonic ceramic fuel	Materials Science and Engineering B	2025	Jiang, Wang; Wei, Yuxuar	Jiang, Wang (University of South C
10.1016/j.pnsc.2025.05.004	Modulating B-site atomic environment via Co-doping to meliorate La0.5Sr1.5Mr	Progress in Natural Science: Materials Interna	2025	Geng, Dezhi; Feng, Huan;	Geng, Dezhi (University of South C
10.1016/j.ces.2025.121820	Cesium doping strategy boosts perovskite type bifunctional oxygen electrocatal	Chemical Engineering Science	2025	Zhou, Jian; Liu, Tong; Lei,	Zhou, Jian (Wuhan University); Liu
10.1016/j.mtener.2025.101929	Dendrite-free high-voltage solid-state batteries via garnet-sulfide composite ele	Materials Today Energy	2025	Li, Lin; Li, Siwu; Hu, Wenv	Li, Lin (Huazhong University of Sci
10.1016/j.jece.2025.117326	Direct preparation of battery-grade FePO4·2H2O using iron residues via a hydro	Journal of Environmental Chemical Engineerir	2025	Cheng, Yuhe; Wang, Yong	Cheng, Yuhe (Central South Unive
10.1016/j.nanoen.2025.111125	Hydrogen spillover in CoNi/CoNiMo3O8 Mott-Schottky heterostructure facilitate	Nano Energy	2025	Hao, Hongru; Wang, Jiahu	Hao, Hongru (Harbin Institute of T
10.1016/j.fuel.2025.135064	Precise arrangement of cubic cobalt/zinc oxide nanohybrids anchored on rGO na	Fuel	2025	Denisdon, Simiyon; Kuma	Denisdon, Simiyon (Anna Universi
10.1016/j.jallcom.2025.182639	Double transition metals doped Ni3S2 for efficient and stable hydrogen evolutio	Journal of Alloys and Compounds	2025	Xiao, Meixia; Liu, Chenya	Xiao, Meixia (Xi'an Shiyou Univers
10.1016/j.diamond.2025.112486	Phosphorylated sugarcane bagasse lignin/poly(acrylonitrile-co-1-vinylimidazole)	Diamond and Related Materials	2025	Singh, Jyoti; Hossain, SK S	Singh, Jyoti (Birla Institute of Tech
10.1002/ente.202500520	Optimized Membrane-Driven NiO-Based Catalyst for Efficient Glucose Oxidation	Energy Technology	2025	Sekar, Mythrehi; Dharma	Sekar, Mythrehi (Anna University,
10.1016/j.jcis.2025.138518	Conversion/reconversion-driven heterostructure electrode for enhanced electrc	Journal of Colloid and Interface Science	2025	Kannadasan, Kalidoss; Sa	Kannadasan, Kalidoss (Pondicherr
10.1039/d5ta01353d	Research on the enhanced photocatalytic hydrogen production performance of a	Journal of Materials Chemistry A	2025	Hao, Zhongming; Zhang, '	Hao, Zhongming (College of Chem
10.1109/eeeic/icpseurope64998.20	Combined Classification of Battery State-of-Life and Charging Regimes by Recurrent Deep Neural Networks		2025	Succetti, Federico; Rosatc	Succetti, Federico (Sapienza Unive
10.1007/s41742-025-00838-z	Electrochemical Sensing of Sulfamethoxazole Antibiotic in Water at Graphene O	International Journal of Environmental Resear	2025	Balasubramani, Senthil R	Balasubramani, Senthil Rathi (Ann
10.1007/s10853-025-11149-1	Investigation of aggregation behavior and microstructure of hard carbon dispers	Journal of Materials Science	2025	Dabash, Hanan; Youssry,	Dabash, Hanan (Qatar University);
10.1002/aesr.202500199	Toward Sustainable, High-Performance, and Scalable On-Chip Biopower: Microb	Advanced Energy and Sustainability Research	2025	Elhadad, Anwar; Gao, Yar	Elhadad, Anwar (State University c
10.1007/978-981-96-3841-3_31	Al-Doped Ammonium Vanadium Oxide: A Potential Cathode Material for Sodiun	Springer Proceedings in Materials	2025	Pathak, Rajkumar; Sarkar	Pathak, Rajkumar (Indian Institute
10.1002/cctc.202500430	MXene Integrated Metal-Organic Framework Derived Cobalt Phosphide for Supe	ChemCatChem	2025	Pandey, Gaurav; Sharma,	Pandey, Gaurav (Malaviya Nationa
10.1126/sciadv.adw5701	Reinvented sodium anode by creating a metal-bulk storage matrix with an expar	Science Advances	2025	Wang, Chutao; Wang, Ku	Wang, Chutao (State Key Laborato
10.1149/1945-7111/adf88b	Development of Tin Oxide Electrochemical Sensor for Sensitive Detection of Lact	Journal of The Electrochemical Society	2025	Sharma, Ankita; Gupta, A	Sharma, Ankita (University of Raja
10.1016/j.mtphys.2025.101764	Organic/inorganic heterointerfaces engineering for balanced charge distributior	Materials Today Physics	2025	Chen, Yongjian; Qu, Yuan	Chen, Yongjian (Southwest Jiaotor
10.1016/j.surfin.2025.106761	Electrochemical co-deposition of polydopamine and polyhexamethylene biguan	Surfaces and Interfaces	2025	Huang, Wei-Kai; Ou, Shih	Huang, Wei-Kai (National Kaohsiur
10.1016/s1003-6326(25)66824-5	Efficient direct regeneration of spent LiFePO4 by low-temperature sintering	Transactions of Nonferrous Metals Society of (	2025	SONG, Hong-lei; WANG, Z	SONG, Hong-lei (Central South Un
10.1016/j.jallcom.2025.181901	Facile synthesis of indium-doped cuprous oxide catalyst for enhanced electroche	Journal of Alloys and Compounds	2025	Pu, Yi-Hu; Chen, Yan-Xin;	Pu, Yi-Hu (Huaqiao University; Stat
10.1016/j.jallcom.2025.181531	Improved voltage and performance of sodium-copper-vanadium-phosphate poly	Journal of Alloys and Compounds	2025	Grandhe, Radhika; Katta,	Grandhe, Radhika (Department of
10.1016/s1003-6326(25)66819-1	High-performance Li3YCl3Br3 halide solid electrolyte synthesized using wet-che	Transactions of Nonferrous Metals Society of (	2025	LIU, Han-zhou; LIU, Yan-c	LIU, Han-zhou (Central South Univ
10.1016/j.ensm.2025.104440	Amorphization triggers highly reversible intercalation chemistry in vanadium tet	Energy Storage Materials	2025	Zhang, Hui; Yan, Zichao; H	Zhang, Hui (State Key Laboratory c
10.1016/j.jics.2025.101818	Lithium ion conducting Cardiospermum halicacabum bio-electrolytes for electric	Journal of the Indian Chemical Society	2025	Chitra, R.; Kumar, L. Sam	Chitra, R. (Department of Physics,
10.1016/j.porgcoat.2025.109262	Boosting anti-corrosion and anti-fouling properties of photocured epoxy films w	Progress in Organic Coatings	2025	Liu, Yiting; Liao, Feng-Qi;	Liu, Yiting (National Kaohsiung Un
10.1016/j.matchar.2025.115118	Comprehensive enhancement of mechanical properties, wear resistance, and cc	Materials Characterization	2025	Xing, Wenjuan; Yu, Zhong	Xing, Wenjuan (Jilin University; Jili
10.1016/j.jpowsour.2025.237124	The enhanced conductivity and corrosion resistance of hydrogen-free carbon-ba	Journal of Power Sources	2025	Wu, Xiaopan; Ou, Yixiang	Wu, Xiaopan (Beijing Academy of
10.1016/j.jmrt.2025.06.218	Revealing the corrosion resistance mechanism of ultrahigh-strength titanium mi	Journal of Materials Research and Technology	2025	Zhou, Feng; Chu, Xiaohon	Zhou, Feng (University of Science a
10.1021/acsestengg.5c00163	Simultaneous Biogas Upgrading and Desulfurization Using a Microbial Electrosyr	ACS ES&T Engineering	2025	Chung, Tae Hyun; Dhillon	Chung, Tae Hyun (University of All
10.1016/j.jcis.2025.138270	Cu/Cu2O nanoparticles supported on electrospun carbon nanofibers as high-per	Journal of Colloid and Interface Science	2025	Li, Guanshu; Jin, Yingmin;	Li, Guanshu (Harbin Institute of Te
10.1021/acs.jpcc.5c01584	Real-Time Determination of the Local pH at the Catalyst–Ionomer Interface Usin	The Journal of Physical Chemistry C	2025	Jain, Pulkit; Tran, Nhan H	Jain, Pulkit (University of Massach
10.1002/app.57497	Improved Electrical Conductivity and Mechanical Properties of Natural Rubber C	Journal of Applied Polymer Science	2025	Kitsawat, Veerapat; Siri, S	Kitsawat, Veerapat (Chulalongkor
10.48550/arxiv.2506.15275	Ultra-low-resistivity nitrogen-doped p-type Cu2O thin films fabricated by reactiv	arXiv	2025	Rezek, Jiří; Koloros, Jan; H	Rezek, Jiří (); Koloros, Jan (); Houšk
10.1039/d5ta02549d	Bionic liquid–liquid phase separation phenomenon inspired lignin molecular agg	Journal of Materials Chemistry A	2025	Zhang, Huiting; Song, We	Zhang, Huiting (Guangdong Unive
10.1109/gpecom65896.2025.11061	Battery Parameter Extraction and Real-Time State of Charge Estimation		2025	Castillo, Brian; Shahverdi,	Castillo, Brian (California State Un
10.1109/gpecom65896.2025.11061	Advancing Onboard SOC Estimation: Transfer-Learning-Enabled Transformer Models Trained on Stock EV CAN Datasets		2025	Shahverdi, Masood; Robe	Shahverdi, Masood (California Sta
10.1021/acscatal.5c02892	Tricatalytic Organocatalyst–Enzyme Hybrid Cascade for Improving Complete Oxi	ACS Catalysis	2025	Milam, Adam; Gerulskis,	Milam, Adam (University of Utah);
10.1016/j.jcis.2025.138127	A gallic acid coordination self-assembled multifunctional interphase enabling hig	Journal of Colloid and Interface Science	2025	Chen, Jingtao; Shao, Siyu	Chen, Jingtao (Jinan University); Sl
10.1016/j.cej.2025.162787	Functional molecule surface infiltration treatment for efficient all-inorganic perc	Chemical Engineering Journal	2025	Chi, Shurui; Chen, Yongjia	Chi, Shurui (Taiyuan University of
10.1016/j.cjac.2025.100528	Analysis of metal electrochemical corrosion behavior and velocity under AC stra	Chinese Journal of Analytical Chemistry	2025	Jianli, LI; Jun, AN; Haining	Jianli, LI (Shanxi Institute of Energy
10.1016/j.jece.2025.116624	Upcycling complex ion industrial wastewater to high-performance hybrid anode	Journal of Environmental Chemical Engineerir	2025	Xie, Caiyue; Zhou, Xiangg	Xie, Caiyue (Northeast Normal Un
10.1016/j.chphi.2024.100782	Na4+x[Sn1-xYxSi3.8P0.2O12]glass-ceramic electrolyte: Structure correlation with	Chemical Physics Impact	2025	Srinivasula, K C Acharyulu	Srinivasula, K C Acharyulu (Depart
10.1016/j.ijhydene.2025.05.219	Indium-doped TiO2 nanorod arrays for high-efficiency photoelectrochemical wa	International Journal of Hydrogen Energy	2025	Chen, Wen; Ji, Ming-Hao;	Chen, Wen (State Key Laboratory c
10.1016/j.surfcoat.2025.132073	Tailoring surface sensitivity towards nitrate reduction for enhanced electrolytic a	Surface and Coatings Technology	2025	Lissandrello, Federico; M	Lissandrello, Federico (Politecnico
10.1016/j.electacta.2025.146012	Design of a low-cost ultrasonic testing instrument for battery metrology	Electrochimica Acta	2025	Amsterdam, Sam; Chang,	Amsterdam, Sam (Drexel Universi
10.1002/adfm.202508318	Revealing the Conduction Behaviors of BaCexZr0.8-xY0.2O3-δ by Clicking Mouse	Advanced Functional Materials	2025	Qiu, Ruiming; Zheng, Fa;	Qiu, Ruiming (Guangdong Univers
10.1016/j.cej.2025.163317	Boosting photothermal CO2 conversion to dimethyl carbonate through Ce3+-Ov	Chemical Engineering Journal	2025	Guan, Xiushuai; Jin, Yuxia	Guan, Xiushuai (Taiyuan Universit
10.1016/j.ijhydene.2024.08.101	Direct Z-scheme based WS2/TiO2 heterostructures for hydrogen evolution react	International Journal of Hydrogen Energy	2025	Dangwal, Shivani; Rawat,	Dangwal, Shivani (ICFAI University
10.1016/j.jece.2025.116614	Phosphoferrene for Mancozeb detection: A natural 2D phosphate mineral enhar	Journal of Environmental Chemical Engineerir	2025	Slathia, Surbhi; Santos, A	Slathia, Surbhi (Indian Institute of
10.1016/j.jtice.2025.106033	High-performance electrochemical sensors with SnBi2O3/Graphene oxide nanoc	Journal of the Taiwan Institute of Chemical En	2025	Alagumalai, Krishnanpan	Alagumalai, Krishnanpandi (Yeung
10.1016/j.est.2025.116497	Quaternized PVA-MoS2 composite separator: Enhancing long-term stability and	Journal of Energy Storage	2025	Suppanucroa, Nuttapon; '	Suppanucroa, Nuttapon (Chulalon
10.1016/j.jelechem.2025.119106	From sunflower shells to hybrid-power cells: Boron-enhanced carbon electrodes	Journal of Electroanalytical Chemistry	2025	Ecevit, Buse; Öztürk, İzel	Ecevit, Buse (Ondokuz Mayıs Univ
10.1016/j.mser.2025.100950	Ultra-efficient and stable Janus interface to construct high-performance sulfide-l	Materials Science and Engineering R Reports	2025	Wei, Chaochao; Wu, Zhor	Wei, Chaochao (Huazhong Univers
10.1016/j.cattod.2025.115287	B-doped GQD supported cobalt sulfide nanocomposite: A defect engineering ap	Catalysis Today	2025	Ghorui, Uday Kumar; San	Ghorui, Uday Kumar (Department
10.1021/acsmaterialsau.5c00025	Nickel-Loaded 3D-Printed Electrode for In Situ Electrochemical Conversion to a F	ACS Materials Au	2025	Borges, Pedro H. S.; Calda	Borges, Pedro H. S. (Federal Unive
10.1021/acsami.5c03450	Metal–Organic Decomposition for Additive Manufacturing of Extreme Environm	ACS Applied Materials & Interfaces	2025	Zhang, Jun; Khuje, Saurat	Zhang, Jun (University of Marylan

10.3389/fmats.2025.1527753	Investigating the influence of a thin copper film coated on nickel plates through	Frontiers in Materials	2025	Meshram, Sumit Maya M	Meshram, Sumit Maya Moreshwa https://app.dimensions.ai/details/publication/pub.1189086780
10.1021/acsapm.5c00675	Enhancing Electrical Conductivity and Mechanical Properties of Natural Rubber (	ACS Applied Polymer Materials	2025	Suwanphiphat, Supakorn	Suwanphiphat, Supakorn (Chulalo https://app.dimensions.ai/details/publication/pub.1188917628
10.1021/acsapm.5c00485	Advanced Electrochemical Sensors Featuring Nitrogen-Rich Conjugated Micropo	ACS Applied Polymer Materials	2025	Lin, Jin-Hong; Chiang, Yec	Lin, Jin-Hong (National Sun Yat-se https://app.dimensions.ai/details/publication/pub.1188881188
10.3390/technologies13050206	Inkjet-Printed Flexible Piezoelectric Sensor for Large Deformation Applications	Technologies	2025	Mecca, Giulia; Bernascon	Mecca, Giulia (Politecnico di Milar https://app.dimensions.ai/details/publication/pub.1188840459
10.20517/energymater.2024.299	Design of a polymer electrolyte membrane for enhanced zinc anode stability in r	Energy Materials	2025	Deng, Qi; Zhou, Weibin; \	Deng, Qi (); Zhou, Weibin (); Wang https://app.dimensions.ai/details/publication/pub.1188757039
10.1109/nems67320.2025.1116996	Circulating Tumor Cells Isolation by a Novel Hybrid Dielectrophoresis-Spiral Microchannel		2025	Yang, Chun; Zhou, Zi-ang;	Yang, Chun (Tianjin University); Zh https://app.dimensions.ai/details/publication/pub.1193412276
10.1002/adsu.202500233	Surface Interface Engineered and Sulfur Source Inspired Carbon Nanofiber Medi	Advanced Sustainable Systems	2025	Tamilselvan, Arun; Karup	Tamilselvan, Arun (Anna Universit https://app.dimensions.ai/details/publication/pub.1188588184
10.1039/d5ra00714c	Differential pulse voltametric detection of dopamine using polyaniline-functione	RSC Advances	2025	Tejwani, Ankita; Sonkar, I	Tejwani, Ankita (Pandit Ravishank https://app.dimensions.ai/details/publication/pub.1188606425
10.1007/s10904-025-03777-6	Ultrasound-Induced Growth of Co/Ru Bimetallic Metal Organic Framework Tow	Journal of Inorganic and Organometallic Polyn	2025	Rohith, S.; Vadivel, Sethu	Rohith, S. (SRM Institute of Scienc https://app.dimensions.ai/details/publication/pub.1188539624
10.1002/adma.202502068	A Durable and Highly Active Oxygen Electrode for Solid Oxide Cells: New Insight	Advanced Materials	2025	Han, Xu; Li, Kaixin; Shao,	Han, Xu (Harbin Institute of Techn https://app.dimensions.ai/details/publication/pub.1188270205
10.1007/s11664-025-11959-8	Gd, Sm, and Yb Co-Doped Proton-Conducting Electrolytes for an Intermediate-Te	Journal of Electronic Materials	2025	Rahman, Md. Mosfiqur; (	Rahman, Md. Mosfiqur (Universiti https://app.dimensions.ai/details/publication/pub.1188264814
10.3329/jsr.v17i2.76595	Study of 5-Aryl-Furan Derivatives as a Corrosion Inhibitor for Mild Steel in 0.1 N	Journal of Scientific Research	2025	Satarkar, S.; Dubey, R. S.	Satarkar, S. (Chemistry Research L https://app.dimensions.ai/details/publication/pub.1188310825
10.1021/acsaem.5c00319	Interfacial Engineering of Z-Scheme-Based 2D/1D -WS2/TiO2 Heterostructures: I	ACS Applied Energy Materials	2025	Dangwal, Shivani; Rawat,	Dangwal, Shivani (Doon University https://app.dimensions.ai/details/publication/pub.1188266116
10.1016/j.jics.2025.101676	Investigating the electrochemical properties of g-C3N4/NiO nanocomposites for	Journal of the Indian Chemical Society	2025	Praveen, S.; Sindhuja, M.;	Praveen, S. (Vellore Institute of Te https://app.dimensions.ai/details/publication/pub.1186892162
10.1016/j.apcatb.2024.124922	Synthetic tuning produces multi-junctions of copper for efficient electroreductio	Applied Catalysis B Environment and Energy	2025	Tabassum, Hassina; Chen	Tabassum, Hassina (State Universi https://app.dimensions.ai/details/publication/pub.1183226955
10.1016/j.jallcom.2025.180481	Fused Ni9S6-Co9S8 heterojunction anchored on porous graphitic carbon for high	Journal of Alloys and Compounds	2025	Kulandaivel, Thirumoorth	Kulandaivel, Thirumoorthy (Chulal https://app.dimensions.ai/details/publication/pub.1187667273
10.1016/j.microc.2025.113457	Manganese-doped ceria nanocomposites: A high-performance platform for proj	Microchemical Journal	2025	Natesan, Manjula; Le, Mii	Natesan, Manjula (National Taipei https://app.dimensions.ai/details/publication/pub.1186894014
10.1016/j.psep.2025.107032	3D Bismuth oxyhalide flowers intertwined 1D graphitic carbon fibers catalyst: A	Process Safety and Environmental Protection	2025	Priya, Thangavelu Sakthi;	Priya, Thangavelu Sakthi (National https://app.dimensions.ai/details/publication/pub.1186660525
10.1002/aenm.202501068	Zn2+ Mediator with Ultrahigh Capacity over 8 m Enabled by H1.07Ti1.73O4 Ion S	Advanced Energy Materials	2025	Huang, Lin; Wang, Xing; L	Huang, Lin (Xi'an University of Arc https://app.dimensions.ai/details/publication/pub.1187584169
10.3390/chemosensors13040133	Non-Enzymatic Electrochemical Sensing of Glucose with Silver Nanoparticles Sup	Chemosensors	2025	Mares-García, América Su	Mares-García, América Susana (Ce https://app.dimensions.ai/details/publication/pub.1187416130
10.1021/acsanm.5c00271	Morphology-Controlled CuCo2O4 Nanomaterials for High-Performance Supercap	ACS Applied Nano Materials	2025	Li, Wangsheng; Yin, Huiqu	Li, Wangsheng (Guilin University o https://app.dimensions.ai/details/publication/pub.1187347732
10.1149/1945-7111/adc952	Sonochemical Synthesis of Perovskite Embedded with Carbon Nanofibers as an I	Journal of The Electrochemical Society	2025	Sakthivel, Nirmal Kumar;	Sakthivel, Nirmal Kumar (Ming Chi https://app.dimensions.ai/details/publication/pub.1187648491
10.1016/j.est.2025.115849	Investigation of La2FeO4-rGO nanocomposite electrode material for symmetric	Journal of Energy Storage	2025	Verma, Harish; Kumar, Pr	Verma, Harish (Indian Institute of https://app.dimensions.ai/details/publication/pub.1185717836
10.1016/j.jallcom.2025.180087	Fast synthesis of Mo2Ti2C3Tx by supercritical-assisted etching method for Li-ion	Journal of Alloys and Compounds	2025	Yang, Yi; Wang, Yongbin;	Yang, Yi (Southwest Jiaotong Univ https://app.dimensions.ai/details/publication/pub.1187367048
10.3866/pku.whxb202408007	Tailoring electrode-electrolyte interfaces via a simple slurry additive for stable h	Acta Physico-Chimica Sinica	2025	Huang, Aoyu; Xu, Jun; Hu	Huang, Aoyu (Changsha University https://app.dimensions.ai/details/publication/pub.1175565434
10.1016/j.cej.2025.161379	Design of lignin-wrapped stable liquid GaInSn conductive ink for high-sensitivity	Chemical Engineering Journal	2025	Mutharani, Bhuvanenthir	Mutharani, Bhuvanenthiran (Chan https://app.dimensions.ai/details/publication/pub.1186332300
10.1021/acsaem.5c00242	An Inverse Vulcanized Polymer Cathode Functionalized with Quaternary Ammor	ACS Applied Energy Materials	2025	Huang, Hsin-Chih; Chen, '	Huang, Hsin-Chih (National Sun Ya https://app.dimensions.ai/details/publication/pub.1187185514
10.3390/batteries11040133	State of Health Estimation for Lithium-Ion Batteries Based on Transition Frequer	Batteries	2025	Al-Smadi, Mohammad K.;	Al-Smadi, Mohammad K. (Univers https://app.dimensions.ai/details/publication/pub.1187205997
10.1109/greentech62170.2025.109	Machine Learning-Based Framework for Online State of Health Assessment and	End-of-Life Prediction in Commercial Lithium-I	2025	Pereira, Eric Luiz; Hossain	Pereira, Eric Luiz (Wichita State Ur https://app.dimensions.ai/details/publication/pub.1188206849
10.1016/j.bioelechem.2025.108976	Interfacial extracellular electron uptake is linked to nitrate respiration in the ma	Bioelectrochemistry	2025	Sackett, Joshua D; Tonucc	Sackett, Joshua D (University of Ci https://app.dimensions.ai/details/publication/pub.1186988443
10.1002/smll.202502633	Dissolvable Probiotic-Powered Biobatteries: A Safe and Biocompatible Energy Sc	Small	2025	Rezaie, Maryam; Moham	Rezaie, Maryam (State University https://app.dimensions.ai/details/publication/pub.1186981201
10.1002/adfm.202425353	Elevating the Li–Mg Separation Performance of LATP Solid Superionic with Enha	Advanced Functional Materials	2025	Li, Bingqin; Jiang, Liangxir	Li, Bingqin (Central South Universi https://app.dimensions.ai/details/publication/pub.1186925500
10.1007/s40831-025-01067-6	Green Utilization Strategy of Nickel–Iron Alloy: Selective Extraction of Nickel and	Journal of Sustainable Metallurgy	2025	Cheng, Yuhe; Wang, Yong	Cheng, Yuhe (Central South Unive https://app.dimensions.ai/details/publication/pub.1186853281
10.1007/s11581-025-06214-3	Tuning the ionic conductivity of pectin biopolymer film via sodium azide reinforc	Ionics	2025	Sharma, Prabhakar; Bane	Sharma, Prabhakar (Teerthanker M https://app.dimensions.ai/details/publication/pub.1186856965
10.1021/acsnano.4c14429	Hole Delayed-Release Effect of Inorganic Interfacial Dipole Layer on Charge Bala	ACS Nano	2025	Zeng, Xiankan; Yin, Qimin	Zeng, Xiankan (Southwest Jiaotong https://app.dimensions.ai/details/publication/pub.1186782175
10.1021/acs.jpcc.5c00424	Tunable Oxygen Vacancies and Porous Structure of Ta-Doped Tungsten Oxide Fil	The Journal of Physical Chemistry C	2025	Shen, Xiaoyu; Qu, Zhaozh	Shen, Xiaoyu (Northwest Universit https://app.dimensions.ai/details/publication/pub.1186478415
10.1007/s10008-025-06252-x	Sr-doped BaCe0.7Zr0.1Y0.15 Zn0.05O3−δ electrolytes for intermediate tempera	Journal of Solid State Electrochemistry	2025	Rahman, Md.Mosfiqur; A	Rahman, Md.Mosfiqur (Universiti https://app.dimensions.ai/details/publication/pub.1186482594
10.3390/batteries11030103	Study on Blended Terpolymer Electrolyte Membrane for Enhanced Safety and Pe	Batteries	2025	Bae, Wansu; Sutradhar, S	Bae, Wansu (Konkuk University); S https://app.dimensions.ai/details/publication/pub.1186504599
10.20944/preprints202503.0039.v1	Two-Level Full Factorial Design and Central Composite Design for the Developm	Preprints.org	2025	García-Rodríguez, Willian	García-Rodríguez, William (); Lasal https://app.dimensions.ai/details/publication/pub.1186244891
10.1016/j.surfin.2025.106141	Fibrous silica KCC-1@N-doped carbon nanosheets for supercapacitor applicatior	Surfaces and Interfaces	2025	Li, Yi; Wang, Jiawei; Li, Qi	Li, Yi (Taiyuan University of Techn https://app.dimensions.ai/details/publication/pub.1186107528
10.1016/j.cej.2025.160985	Electrocatalytic reduction of nitrate to ammonia on CoMoO4 microspheres: A cc	Chemical Engineering Journal	2025	Xu, Yibo; Cao, Long; Hua,	Xu, Yibo (Taiyuan University of Tec https://app.dimensions.ai/details/publication/pub.1185890988
10.1016/j.est.2025.115504	Advancing zinc-iodine battery performance with MgAl layered double hydroxide	Journal of Energy Storage	2025	Pimoei, Jirapha; Kao-ian,	Pimoei, Jirapha (Chulalongkorn Ur https://app.dimensions.ai/details/publication/pub.1184718596
10.1016/j.mseb.2024.117939	Facile synthesis of Bi2WO6-NiO nanocomposite for supercapacitor application	Materials Science and Engineering B	2025	Chelladurai, Ashwin; Vee	Chelladurai, Ashwin (Alagappa Un https://app.dimensions.ai/details/publication/pub.1183562106
10.1016/j.colsurfa.2024.135998	Bifunctional metal oxide-infused SWCNT/Nickel phosphides for efficient electro	Colloids and Surfaces A Physicochemical and E	2025	Subha, N.; Sankar, A. Ravi	Subha, N. (Vellore Institute of Tecl https://app.dimensions.ai/details/publication/pub.1183516671
10.1016/j.materresbull.2024.11320	Silica-reinforced functional composite polymer electrolyte with high electrocher	Materials Research Bulletin	2025	Halder, Bhargabi; Kumar,	Halder, Bhargabi (Pondicherry Uni https://app.dimensions.ai/details/publication/pub.1182428117
10.1016/j.desal.2024.118399	Cost effective reduced graphene oxide/polyaniline composite coated SSM catho	Desalination	2025	Rahman, Sadik; Al Shuaili	Rahman, Sadik (Sultan Qaboos Un https://app.dimensions.ai/details/publication/pub.1183057621
10.1002/smll.202412647	A Pre-Oxidation Strategy to Establish Stable Oxide Cathode/Halide Solid-State El	Small	2025	Liu, Hanzhou; Lu, Yang; Li	Liu, Hanzhou (Central South Unive https://app.dimensions.ai/details/publication/pub.1186040428
10.1002/aesr.202500011	Electrodeposited Iron-Incorporated Cobalt Phosphide for Improved Supercapaci	Advanced Energy and Sustainability Research	2025	Pandey, Gaurav; Meneze	Pandey, Gaurav (Malaviya Nationa https://app.dimensions.ai/details/publication/pub.1186000448
10.1016/j.jcis.2025.02.194	Ultra-stable zinc anode enabled by natural attapulgite-induced dual-regulation i	Journal of Colloid and Interface Science	2025	Li, Yi; Dong, Lei; Xie, Keyu	Li, Yi (Southwest University of Scie https://app.dimensions.ai/details/publication/pub.1185989778
10.1007/s12034-025-03398-2	Teak wood-derived mesoporous carbon and its composite with molybdenum sul	Bulletin of Materials Science	2025	Kumar, Narvdeshwar; Sin	Kumar, Narvdeshwar (Banaras Hir https://app.dimensions.ai/details/publication/pub.1185989717
10.1002/smll.202412260	Enhancing Kinetic Performance and Structural Stability of Na4Fe3(PO4)2(P2O7)	Small	2025	Chen, Xin; Wu, Jiahui; Zer	Chen, Xin (Central South Universit https://app.dimensions.ai/details/publication/pub.1185887051
10.1111/ijac.15088	Enhanced performance in SOFC cathodes via B-site co-dopant switching in PBSCI	International Journal of Applied Ceramic Tech	2025	Abdalla, Abdalla M.; Wan	Abdalla, Abdalla M. (Suez Canal Ui https://app.dimensions.ai/details/publication/pub.1185883374
10.1007/s11665-025-10853-y	Enhanced Corrosion Resistance of FeCoCrNiMn High-Entropy Alloy in Aqueous H	Journal of Materials Engineering and Perform	2025	Li, Yanghuanzi; Zhang, Zh	Li, Yanghuanzi (State Key Laborato https://app.dimensions.ai/details/publication/pub.1185889720
10.1021/acsami.4c21179	Investigations on Electrolyte Additives and Formation Mechanism of the Solid El	ACS Applied Materials & Interfaces	2025	Gogoi, Pratahdeep; Ge, X	Gogoi, Pratahdeep (State Universi https://app.dimensions.ai/details/publication/pub.1185724087
10.1088/2631-8695/adb372	Effect of multi-walled carbon nanotubes on the properties of composite bipolar	Engineering Research Express	2025	Mathew, Cijo; Boby, Arun	Mathew, Cijo (Mahatma Gandhi U https://app.dimensions.ai/details/publication/pub.1185316504
10.1088/1402-4896/adb34e	Influence of magnesium doping on carbon dots for enhancing photocurrent gen	Physica Scripta	2025	Gopi, Pavithra; Ponnusan	Gopi, Pavithra (PSG College of Tec https://app.dimensions.ai/details/publication/pub.1185316461
10.1007/s11431-024-2847-8	Scalable preparation of asymmetrical bilayer sulfide/halide electrolyte membra	Science China Technological Sciences	2025	Jing, Shenghao; Liu, Yanc	Jing, Shenghao (Central South Uni https://app.dimensions.ai/details/publication/pub.1185664355
10.1007/s10854-024-14195-8	Low cost fabrication of electrically tunable and uniform conducting paper for fle	Journal of Materials Science: Materials in Elec	2025	Gangadharan, Gayathri; F	Gangadharan, Gayathri (Anna Uni https://app.dimensions.ai/details/publication/pub.1185387046
10.1002/batt.202400739	Surface Sulfurization and Self-Reconstruction Strategy for Decorating Carbon Na	Batteries & Supercaps	2025	Arun, T.; Aravinth, K.; Bha	Arun, T. (Anna University, Chenna https://app.dimensions.ai/details/publication/pub.1184728043
10.1039/d4cp03893b	Sub-micrometer Li 6 PS 5 Cl regulated cathodic Li kinetics in sulfide based all-soli	Physical Chemistry Chemical Physics	2025	Lin, Yuanyuan; Liu, Hanzh	Lin, Yuanyuan (Central South Univ https://app.dimensions.ai/details/publication/pub.1184925451
10.1039/d4nj04273e	Enhanced hydrogen production from methanol–water solutions via photocataly	New Journal of Chemistry	2025	Hao, Zhongming; Duo, Xii	Hao, Zhongming (College of Chem https://app.dimensions.ai/details/publication/pub.1183881415
10.48550/arxiv.2502.00813	Emamectin benzoate sensing using vivianenes (2D vivianites)	arXiv	2025	Slathia, Surbhi; Ipaves, Br	Slathia, Surbhi (); Ipaves, Bruno (); https://app.dimensions.ai/details/publication/pub.1185187606
10.1016/j.electacta.2024.145579	Optimization of formation charging process based on energy conservation in var	Electrochimica Acta	2025	Myures, X. Michel; Midhu	Myures, X. Michel (National Institu https://app.dimensions.ai/details/publication/pub.1183846660
10.1016/j.jre.2024.07.017	Effective suppression of surface cation segregations on double perovskite oxide	Journal of Rare Earths	2025	Wang, Zhe; Yuan, Mengk	Wang, Zhe (Harbin Institute of Tec https://app.dimensions.ai/details/publication/pub.1174105828
10.1016/j.jpowsour.2024.236092	Heterogeneous porosity bimetallic phosphide FeP/CoP/CP as an efficient electrc	Journal of Power Sources	2025	Gao, Meilian; Tang, Siwer	Gao, Meilian (Hunan University of https://app.dimensions.ai/details/publication/pub.1183816102
10.1016/j.jpowsour.2024.235997	Development and validation of a novel online diagnostic method for solid oxide	Journal of Power Sources	2025	Dong, Lexian; Zheng, Qun	Dong, Lexian (Guangdong Univers https://app.dimensions.ai/details/publication/pub.1183450353
10.14393/ufu.di.2025.93	Nanocompósito contendo hexacianoferrato de cobalto/nanotubos de carbono/ácido fólico para a aplicação em terapia fotodin		2025	de Oliveira, Hellen Cristin	de Oliveira, Hellen Cristina Novais https://app.dimensions.ai/details/publication/pub.1185882353
10.1016/j.cej.2025.159722	Vanadium-assisted surface engineering of heterostructured cathode for enhanc	Chemical Engineering Journal	2025	Fu, Min; Gao, Yang; Zhan	Fu, Min (University of South China https://app.dimensions.ai/details/publication/pub.1184589638

10.1016/j.cej.2025.159519	A MXene modification strategy of Prussian blue cathodes toward a stable cathoc	Chemical Engineering Journal	2025	Chen, Zerui; Wang, Yingxi	Chen, Zerui (Hunan University); W
10.1016/j.est.2024.115184	Al-doped ZnO@CuO nanoflower/nanorod heterostructures on CNTs as high-per	Journal of Energy Storage	2025	Sanni, Abdulkadeem; Gov	Sanni, Abdulkadeem (Chulalongkc
10.1016/j.ijhydene.2024.04.190	Role of microbial electrolysis desalination cell in sustainable water and energy n	International Journal of Hydrogen Energy	2025	Jafary, Tahereh; Yeneneh	Jafary, Tahereh (National Universi
10.1016/j.solidstatesciences.2024.1	Hydrothermal growth of vanadium pentoxide nanofibers on carbon nanofiber m	Solid State Sciences	2025	Dey, Baban; Ahmad, Was	Dey, Baban (Birla Institute of Tech
10.1016/j.jallcom.2025.178638	3D hierarchically structured copper/cobalt metal-organic frameworks grown on	Journal of Alloys and Compounds	2025	Singh, Jyoti; Choudhury, A	Singh, Jyoti (Birla Institute of Tech
10.14393/ufu.te.2025.143	Dispositivos de armazenamento de energia aquosos utilizando nanoestruturas de carbono e hexacianoferratos de zircônio e va		2025	Silva, Samuel Carlos	Silva, Samuel Carlos ()
10.1109/cpere65146.2025.1124008	Analysis of Cycling Effect at 15°C on ECM Parameters for Different SoCs of Li-ion	Batteries	2025	Sagar, Samiul Islam; Al-Sr	Sagar, Samiul Islam (University of
10.1021/acs.inorgchem.4c03764	Lattice Distortions Promoting the In-Depth Reconstruction of Ni-Based Electroca	Inorganic Chemistry	2025	Kou, Yuanxin; Wang, Fan:	Kou, Yuanxin (Fujian Normal Unive
10.1039/d4dt03103b	Stable neodymium gallium oxide (Nd 3 Ga 5 O 12 and Nd 3 GaO 6) phases: a stu	Dalton Transactions	2025	Selvam, Govarthini Seera	Selvam, Govarthini Seerangan (PS
10.1007/s41101-024-00325-0	Influence of Operating Parameters on Electricity Production in Up-Flow Microbia	Water Conservation Science and Engineering	2025	Murugaiyan, Jayachitra; M	Murugaiyan, Jayachitra (National I
10.3390/molecules30020404	Anion-Directed Assembly of a Bimetallic Pd/Ag Nanocluster: Synthesis, Characte	Molecules	2025	Ni, Yu-Rong; Pangal, Rugr	Ni, Yu-Rong (National Dong Hwa U
10.1007/s11581-024-06058-3	Highly dense and thermally stable BaCe0.5Zr0.3Y0.1A0.05 Zn0.05O3−δ (A = Gd,	Ionics	2025	Rahman, Md.Mosfiqur; A	Rahman, Md.Mosfiqur (Universiti
10.1002/est2.70124	Impact of Current Collectors on the Electrochemical Performance of Pseudocapa	Energy Storage	2025	Kumar, Pramod; Verma, I	Kumar, Pramod (Indian Institute o
10.1002/lpor.202401590	Superbly Bright Tin-Based Perovskite LEDs	Laser & Photonics Review	2025	Miao, Zeyu; Guo, Jie; Jian	Miao, Zeyu (Jilin University); Guo,
10.1021/acsanm.4c06029	(V1−y Mo y)2CT x MXene Nanosheets as Electrocatalysts for Hydrogen Evolutio	ACS Applied Nano Materials	2025	Snyder, Rose M.; Nguyen	Snyder, Rose M. (Arizona State Un
10.1002/slct.202403867	Cellulose-Supported SnW(S,O)4 Bimetal Sulfo-Oxide Catalysts for the Catalytic R	ChemistrySelect	2025	Liu, Ben; Wu, Binghong; C	Liu, Ben (Contemporary Amperex
10.48550/arxiv.2501.07587	Ultrasensitive Electrochemical Sensor for Perfluorooctanoic Acid Detection Usin	arXiv	2025	Chakraborty, Anyesha; Tr	Chakraborty, Anyesha (); Tromer,
10.3390/chemosensors13010007	Electrochemical Detection of Dopamine with Graphene Oxide Carbon Dots Modi	Chemosensors	2025	Torres-Soto, Omar Isaac;	Torres-Soto, Omar Isaac (Centro d
10.1109/tase.2025.3588660	Multi-Objective Charging Optimization of Lithium-Ion Batteries Considering Elec	IEEE Transactions on Automation Science and	2025	Dong, Xiang; Xv, Huahong	Dong, Xiang (Anhui University); Xv
10.34133/research.0742	Immersion Phase Separation 3-Dimensional Printing for Strain-Stiffening Hydrog	Research	2025	Chai, Muyuan; Bu, Haolin	Chai, Muyuan (Southern Medical U
10.1016/j.jallcom.2024.178268	Hybrid g-C3N4/sulfur-enclosed MnS micro/nanorods accelerate electron-ion tra	Journal of Alloys and Compounds	2025	Kulandaivel, Thirumoorth	Kulandaivel, Thirumoorthy (Chulal
10.1016/j.jpcs.2024.112357	Tailoring Li-ion transport in hybrid biopolymer electrolyte from Maydis stigma fc	Journal of Physics and Chemistry of Solids	2025	Johnsi, M.; Dhivya, S.; Sha	Johnsi, M. (Anna University, Chen
10.1016/j.cej.2024.158204	Photo-electrochemical decomplexation of cobalt complexes and enhanced coba	Chemical Engineering Journal	2025	Wu, Jhen-Cih; Su, Xiao; H	Wu, Jhen-Cih (National Taiwan Un
10.1016/j.molliq.2024.126592	High-strength poly(vinyl alcohol) physical eutectogels: Effects of polymer molecu	Journal of Molecular Liquids	2025	Chuang, Ruei-Min; Vo, Tri	Chuang, Ruei-Min (National Centr
10.1016/j.jallcom.2024.177749	Pseudocapacitive rare earth gallium oxides (RE3GaO6): A potential electrode far	Journal of Alloys and Compounds	2025	Shunmughananthan, Bag	Shunmughananthan, Bagavathy (P
10.1016/j.ssi.2024.116760	Enhanced performance of medium-temperature solid oxide fuel cells using CaSr	Solid State Ionics	2025	Feng, Xinyu; Liu, Hanzhen	Feng, Xinyu (Guilin University of T
10.1016/j.matchemphys.2024.1301	Corrosion resistance properties and hydrogen embrittlement protection efficien	Materials Chemistry and Physics	2025	Lin, Hsuan-Kai; Lu, Xue-Yu	Lin, Hsuan-Kai (National Pingtung
10.1002/aoc.70001	Harnessing the Potential of UU 200/Bi4O8 Nanocomposite to Optimize Energy E	Applied Organometallic Chemistry	2025	Sarmila, S.; Vadivel, Sethu	Sarmila, S. (SRM Institute of Scien
10.1016/j.cej.2024.158984	Cs-Doped BCCF perovskite with enhanced surface proton acid sites for high-perf	Chemical Engineering Journal	2025	Gao, Yang; Liu, Kechen; Zl	Gao, Yang (University of South Chi
10.1016/j.mtcomm.2024.111219	Physico-tribocorrosion performance of epoxy/MoS2 nanocomposite coating	Materials Today Communications	2025	Ravi, Pravesh; Katiyar, Jit	Ravi, Pravesh (SRM Institute of Sci
10.1016/j.surfin.2024.105736	Preparation of nickel oxide nanoparticles/biomass-derived activated carbon con	Surfaces and Interfaces	2025	Singh, Jyoti; Choudhury, A	Singh, Jyoti (Birla Institute of Tech
10.1016/s1003-6326(24)66662-8	Mechanism of cryorolling and aging treatment for enhancing corrosion properti	Transactions of Nonferrous Metals Society of C	2025	Yue, XIAO; WANG, Wen-s	Yue, XIAO (Central South Universit
10.1016/j.jallcom.2024.177892	Unveiling a paradigm shift in supercapacitor dynamics: γ-Al2O3-infused ZnO nar	Journal of Alloys and Compounds	2025	Sanni, Abdulkadeem; Gov	Sanni, Abdulkadeem (Chulalongkc
10.1016/j.electacta.2024.145361	Enhanced long-term stability of zinc-air batteries using a quaternized PVA-chitos	Electrochimica Acta	2025	Suppanucroa, Nuttapon; '	Suppanucroa, Nuttapon (Chulalon
10.1039/d5nr03949e	Electrochemically Integrated 2D Borophene-Graphene Architectures for Energy	Nanoscale	2025	Pandey, Ravi Ranjan; Pan	Pandey, Ravi Ranjan (); Pandey, Hi
10.1039/d5ta00882d	Carbon felt coated with tungsten–bismuth-based oxides as highly active and sel	Journal of Materials Chemistry A	2025	Omran, Mostafa M.; Al N	Omran, Mostafa M. (American Un
10.1007/978-3-032-04372-6	18th International Conference on Biomedical Engineering, Selected Contributior	IFMBE Proceedings	2025		https://app.dimensions.ai/details/publication/pub.1191842436
10.1007/978-981-96-3841-3	Recent Advances in Energy Transitions Towards Sustainable Development, Selec	Springer Proceedings in Materials	2025		https://app.dimensions.ai/details/publication/pub.1190600587
10.1021/acsanm.4c06502	FeSe2/NiSe2 Supported on NiCo-LDH Nanosheets for Enhanced Water Electrolys	ACS Applied Nano Materials	2024	Bhat, Muzaffar Ahmad; Is	Bhat, Muzaffar Ahmad (Maulana A
10.33889/pmsl.2025.4.1.008	Structural and Electrical Studies of Chitosan: Polyvinyl Alcohol with Blend Polym	Prabha Materials Science Letters	2024	Kumar, Kailash; Sharma, A	Kumar, Kailash (Teerthanker Mah
10.1080/01496395.2024.2445011	Performance of crosslinked bentonite-biocarbon electrodes for chromium mitig	Separation Science and Technology	2024	Ganesan, Vigneshhwaran	Ganesan, Vigneshhwaran (Nationa
10.20944/preprints202412.2078.v1	Anion-Directed Assembly of a Bimetallic Pd/Ag Nanocluster: Synthesis, Characte	Preprints.org	2024	Ni, Yu-Rong; T P, Rugma;	Ni, Yu-Rong (); T P, Rugma (); Pilla
10.1007/s11243-024-00619-1	Low-crystallinity FeP nanosheets as efficient electrocatalyst for hydrogen evolut	Transition Metal Chemistry	2024	Gao, Meilian; Ren, Zhong	Gao, Meilian (Hunan University of
10.1007/s40735-024-00933-2	Study of Corrosion Inhibition of Mild Steel in 0.1N HCl Solution using 3-[(4-meth	Journal of Bio- and Tribo-Corrosion	2024	Satarkar, Sahil; Dubey, R.	Satarkar, Sahil (University of Mum
10.1038/s41378-024-00836-9	Revolutionary self-powered transducing mechanism for long-lasting and stable g	Microsystems & Nanoengineering	2024	Gao, Yang; Elhadad, Anwa	Gao, Yang (State University of Nev
10.1002/aesr.202400295	Molybdenene for Energy Storage Applications	Advanced Energy and Sustainability Research	2024	Pandey, Gaurav; Li, Zhixu	Pandey, Gaurav (Malaviya Nationa
10.1021/acsbiomaterials.4c01183	Synthesis of Palladium Nanoparticles by Electrode-Respiring Geobacter sulfurre	ACS Biomaterials Science & Engineering	2024	Chavez, Marko S.; MacLea	Chavez, Marko S. (University of So
10.1080/00986445.2024.2435919	Sustainable capacitive deionization process for enhanced chromium reclamatior	Chemical Engineering Communications	2024	Ganesan, Vigneshhwaran	Ganesan, Vigneshhwaran (Nationa
10.1016/j.talanta.2024.127343	Bimetallic sulfides based hybrid anodes are constructed for high-performance lit	Talanta	2024	Xiao, Shanshan; Zhang, Yi	Xiao, Shanshan (Jilin Jianzhu Unive
10.1016/j.materresbull.2024.11301	Improving the roughness of copper working electrode through electroless depos	Materials Research Bulletin	2024	Thienprasert, Watsanana	Thienprasert, Watsananan T. (Nati
10.1016/j.matlet.2024.137279	Electroplating of zinc onto polyelectrolyte complex membranes as anode for aq	Materials Letters	2024	Arif, Muhammad Bagus; I	Arif, Muhammad Bagus (Chulalon
10.1016/j.snb.2024.136514	Detecting naphthenic acids in oil sands process water with microbial electrocher	Sensors and Actuators B Chemical	2024	Chung, Tae Hyun; Dhillon	Chung, Tae Hyun (University of All
10.1016/j.jpowsour.2024.235461	3D printed cathodes for microbial electrolysis cell-assisted anaerobic digester: E	Journal of Power Sources	2024	Chung, Tae Hyun; Rahma	Chung, Tae Hyun (University of All
10.1016/j.ijhydene.2024.11.207	Au nanoparticle-sensitized nitrogen-doped carbon applied for localized surface p	International Journal of Hydrogen Energy	2024	Liang, Tong; Tang, Yujie; S	Liang, Tong (Ningxia Normal Unive
10.1016/j.mseb.2024.117773	Tailoring eco-friendly siloxane-based electrolytes for high-performance lithium–	Materials Science and Engineering B	2024	Tian, Ying; Li, Manxian; Cl	Tian, Ying (Fujian Normal Universi
10.1016/j.seppur.2024.128058	Enhanced lithium separation with Li1.3Al0.3Ti1.7(PO4)3 lithium superionic cond	Separation and Purification Technology	2024	Li, Bingqin; Jiang, Liangxir	Li, Bingqin (Central South Universi
10.1016/j.est.2024.114247	Efficiently controllable synthesis of high performance Na3V2(PO4)2O2F/C hybric	Journal of Energy Storage	2024	Chen, Xin; Zhao, Wenjie;	Chen, Xin (Central South Universit
10.1016/j.electacta.2024.145059	Adaptive COF-PVDF composite artificial solid electrolyte interphase for stable ac	Electrochimica Acta	2024	Aupama, Vipada; Sangsav	Aupama, Vipada (Chulalongkorn U
10.1016/j.mtcomm.2024.110419	Green synthesis of Cu-based metal organic framework for electrochemical CO2 r	Materials Today Communications	2024	Nagasaka, Takumi; Gopal	Nagasaka, Takumi (SRM Institute o
10.1016/j.jssc.2024.125008	α-Bi2O3 tubular rods coated on Bi2O2CO3 nanosheets for high-performance asy	Journal of Solid State Chemistry	2024	Vadivel, Sethumathavan;	Vadivel, Sethumathavan (SRM Inst
10.1016/j.mtsust.2024.100950	Hybridization of CuFe2O4 by carbon microspheres with improved charge storag	Materials Today Sustainability	2024	Rushmittha, J.J.; Radhika,	Rushmittha, J.J. (University of Mac
10.1016/j.apcatb.2024.124418	Accelerating alcohol oxidation kinetics for electrochemical biomass upgrading vi	Applied Catalysis B Environment and Energy	2024	Li, Xiang; Zhu, Wangchua	Li, Xiang (Yan'an University); Zhu, '
10.1016/j.ijhydene.2024.11.267	Fabrication of MXene-TiO2 nanotube composite and their electrochemical study	International Journal of Hydrogen Energy	2024	Mishra, Kavita; Rawat, Jyo	Mishra, Kavita (Doon University); I
10.1016/j.apenergy.2024.124239	Balancing current density and electrolyte flow for improved zinc-air battery cycl	Applied Energy	2024	Khezri, Ramin; Motlagh, S	Khezri, Ramin (Chulalongkorn Uni
10.1016/j.mtsust.2024.100969	Chemical growth of Niobium-doped vanadium pentoxide on aminated graphene	Materials Today Sustainability	2024	Singh, Jyoti; Ahmad, Was	Singh, Jyoti (Birla Institute of Tech
10.1038/s41467-024-54331-w	Eliminating chemo-mechanical degradation of lithium solid-state battery cathod	Nature Communications	2024	Jangid, Manoj K.; Cho, Tae	Jangid, Manoj K. (University of Mi
10.1002/batt.202400654	Bilayer Boost to UV Assisted Supercapacitors: Enhanced Performance with Trans	Batteries & Supercaps	2024	Ezhilmaran, Bhuvaneshw	Ezhilmaran, Bhuvaneshwari (Sung
10.1002/cssc.202401664	Bismuth and Fluorine Dual-Doping of Lithium Argyrodite toward High-Performar	ChemSusChem	2024	Jiang, Ziling; Xiao, Yujie; L	Jiang, Ziling (Huazhong University

10.1039/d4ta05347h	Superior oxygen evolution reaction activities of highly crystalline Ni 1−x Fe x -LDH (0.20 ≤ x ≤ 0.51) synthesized using soft chemistry	Journal of Materials Chemistry A	2024	Ikezawa, Atsunori; Koito,	Ikezawa, Atsunori (Institute of Scie https://app.dimensions.ai/details/publication/pub.1181623760
10.1002/slct.202404206	Cosensitization of a Tetraethylene Glycol-Substituted Unsymmetrical Zinc Phtha	ChemistrySelect	2024	Kute, Suraj E.; Ketkar, Rol	Kute, Suraj E. (Institute of Chemica https://app.dimensions.ai/details/publication/pub.1182272954
10.1021/acsaem.4c01468	Nonbonding Electron Pairs in Cyano and Carbonyl Groups Act as Defect Passivat	ACS Applied Energy Materials	2024	Manjunath, Samrudhi Be	Manjunath, Samrudhi Beranagodu https://app.dimensions.ai/details/publication/pub.1182319708
10.1002/batt.202400450	Regulating and Unraveling Electrochemical Behavior of Hierarchically-Densifying	Batteries & Supercaps	2024	Tong, Qijun; Zhang, Zhiha	Tong, Qijun (Southwest Jiaotong U https://app.dimensions.ai/details/publication/pub.1181192852
10.1039/d4ta06102k	Innovative pH-buffering strategies for enhanced cycling stability in zinc–iodine fl	Journal of Materials Chemistry A	2024	Tangthuam, Phonnapha;	Tangthuam, Phonnapha (Chulalon https://app.dimensions.ai/details/publication/pub.1181110759
10.1021/acsami.4c12168	Influence of Electrolyte Saturation on the Performance of Li–O2 Batteries	ACS Applied Materials & Interfaces	2024	Sarabandi, Amirhossein;	Sarabandi, Amirhossein (Washingt https://app.dimensions.ai/details/publication/pub.1182005001
10.1016/j.jelechem.2024.118643	Sn-doped cobalt containing perovskite as the cathode for highly active SOFCs	Journal of Electroanalytical Chemistry	2024	Liu, Jun; Hou, Zhongyu; Li	Liu, Jun (University of South China https://app.dimensions.ai/details/publication/pub.1175518719
10.1016/j.cej.2024.156866	Stabilization of single crystal LiNi0.90Mn0.05Co0.05O2 via ZrO2 dual-functional	Chemical Engineering Journal	2024	Liu, Chen; Luo, Qiyue; Li,	Liu, Chen (Huazhong University of https://app.dimensions.ai/details/publication/pub.1181586994
10.1016/j.ijhydene.2024.10.242	An active and Cr-tolerant high-entropy La0.7Sr0.3FeO3-δ based cathode for soli	International Journal of Hydrogen Energy	2024	Chen, Zhengpeng; Zhang,	Chen, Zhengpeng (Guangdong Ene https://app.dimensions.ai/details/publication/pub.1181465072
10.1016/j.jiec.2024.05.036	Gadolinium stannate nanoparticles decorated 2D-graphene oxide nanolayer con	Journal of Industrial and Engineering Chemistı	2024	Munusamy, Nandhini; Siv	Munusamy, Nandhini (National Ta https://app.dimensions.ai/details/publication/pub.1171931465
10.1016/j.jics.2024.101453	Improved kitchen wastewater treatment using PbO2-coated graphite electrode	Journal of the Indian Chemical Society	2024	Neeraj, V.S.; Yashwanth,	Neeraj, V.S. (National Institute of T https://app.dimensions.ai/details/publication/pub.1181769849
10.1016/j.ensm.2024.103823	Revealing the intricacies of natural convection: A key factor in aqueous zinc batt	Energy Storage Materials	2024	Yu, Jianwen; Zhao, Zhong	Yu, Jianwen (University of Science https://app.dimensions.ai/details/publication/pub.1176251957
10.1016/j.diamond.2024.111640	Facile fabrication of sulfur-doped porous carbon from waste sugarcane bagasse	Diamond and Related Materials	2024	Singh, Jyoti; Dey, Baban;	Singh, Jyoti (Birla Institute of Tech https://app.dimensions.ai/details/publication/pub.1176250898
10.1016/j.cej.2024.155989	Non-enzymatic detection of versatile anti-oxidant in diverse media using 3D spir	Chemical Engineering Journal	2024	Priya, Thangavelu Sakthi;	Priya, Thangavelu Sakthi (National https://app.dimensions.ai/details/publication/pub.1176113221
10.1002/cphc.202400454	Interfacial Electronic Structure Engineering of NiCo2Se4 and NiTe2 Nanorods for	ChemPhysChem	2024	Bhat, Muzaffar A.; Islam,	Bhat, Muzaffar A. (Maulana Azad N https://app.dimensions.ai/details/publication/pub.1175021412
10.3390/catal14110745	MPS@BWO with High Adsorption Capacity for Efficient Photocatalytic Reductior	Catalysts	2024	Chen, Peng; Du, Tao; Li, Y	Chen, Peng (Northeastern Univers https://app.dimensions.ai/details/publication/pub.1181693521
10.3390/catal14110740	Environmentally Friendly Biological Activated Carbon Derived from Sugarcane W	Catalysts	2024	Deng, Lianghao; Wang, Cl	Deng, Lianghao (Wuhan Institute o https://app.dimensions.ai/details/publication/pub.1181557957
10.3390/batteries10100369	Inkjet-Printed Silver Lithiophilic Sites on Copper Current Collectors: Tuning the Ir	Batteries	2024	Mirbagheri, Seyedalireza;	Mirbagheri, Seyedalireza (Politecn https://app.dimensions.ai/details/publication/pub.1181492921
10.1002/chem.202402645	α-Bi2Mo3O12: A Dual-Functional Material for Electrocatalytic Water Splitting an	Chemistry - A European Journal	2024	Sujita, P.; Swetha, S.;	Vad Sujita, P. (SRM Institute of Science https://app.dimensions.ai/details/publication/pub.1175218025
10.1021/acsami.4c16630	Synergistic Tuning of Heterovalent States and Oxygen-Vacancy Defect Engineeri	ACS Applied Materials & Interfaces	2024	Wu, Binghong; Yang, Bao	Wu, Binghong (Fujian Agriculture a https://app.dimensions.ai/details/publication/pub.1181372208
10.1002/solr.202400401	Photoelectroreduction CO2 to Ethanol Over BiFeO3 with Synergistic Effect of Sel	Solar RRL	2024	Liu, Bo; Li, Jiuyang; Tan, L	Liu, Bo (Taiyuan University of Tech https://app.dimensions.ai/details/publication/pub.1181359944
10.3390/chemosensors12100210	Lithium Niobate Perovskite as the Support for Silver Nanoparticles for Non-Enzy	Chemosensors	2024	Piñón-Balderrama, Claud	Piñón-Balderrama, Claudia Ivone (https://app.dimensions.ai/details/publication/pub.1181383526
10.3390/jcs8100418	On the Fabrication Processes of Structural Supercapacitors by Resin Transfer Mo	Journal of Composites Science	2024	Wu, Chien-Chih; Young, V	Wu, Chien-Chih (National Cheng K https://app.dimensions.ai/details/publication/pub.1181336118
10.3390/ijms252010884	Manganese Oxide-Doped Hierarchical Porous Carbon Derived from Tea Leaf Wa	International Journal of Molecular Sciences	2024	Chung, Hsiu-Ying; Chang,	Chung, Hsiu-Ying (National Sun Ya https://app.dimensions.ai/details/publication/pub.1181254514
10.1039/d4dt02182g	Nickel(ii) complexes with 14-membered bis-thiosemicarbazide and bis-isothios	Dalton Transactions	2024	Besleaga, Iuliana; Fesenk	Besleaga, Iuliana (University of Vie https://app.dimensions.ai/details/publication/pub.1175095146
10.1149/1945-7111/ad803b	Chemo-Mechanical Hysteresis of Sulfur Conversion Electrodes via Operando Acc	Journal of The Electrochemical Society	2024	Sun, Kerry; Thorsteinsson	Sun, Kerry (Columbia University; C https://app.dimensions.ai/details/publication/pub.1176046248
10.1016/j.ceramint.2024.03.072	Boosting the power density of Zr and Ni co-doped BaFeO3 cathode for proton-cc	Ceramics International	2024	Lin, Xin; Gao, Yang; Liu, Ji	Lin, Xin (University of South China https://app.dimensions.ai/details/publication/pub.1169453280
10.1016/j.ceramint.2024.07.130	Meliorating perovskite-related Pr1.5Ba1.5Cu3O7 cathode with Mn-doping for pı	Ceramics International	2024	Du, Kunpeng; Hou, Jie	Du, Kunpeng (University of South I https://app.dimensions.ai/details/publication/pub.1173805454
10.1016/j.jece.2024.113933	Vapor-phase reduction synthesis of N, S co-doped graphene/MWCNT hybrid me	Journal of Environmental Chemical Engineerir	2024	Zhang, Erhui; Zheng, Yutc	Zhang, Erhui (Anhui Science and T https://app.dimensions.ai/details/publication/pub.1175027480
10.1016/j.cej.2024.155241	Mitigating degradation and modulating electronic structure via an epitaxial perc	Chemical Engineering Journal	2024	Xu, Jun; Chu, Gui; Huang,	Xu, Jun (Changsha University of Sc https://app.dimensions.ai/details/publication/pub.1175131061
10.1016/j.ceramint.2024.07.267	A perovskite-fluorite dual-phase cathode for boosting oxygen reduction reactior	Ceramics International	2024	Rong, Yutao; Zhao, Yuhao	Rong, Yutao (Xidian University; Xic https://app.dimensions.ai/details/publication/pub.1173938306
10.1016/j.jallcom.2024.175335	Non-enzymatic electrochemical detection of caffeic acid in food samples with sp	Journal of Alloys and Compounds	2024	Priya, Thangavelu Sakthi;	Priya, Thangavelu Sakthi (National https://app.dimensions.ai/details/publication/pub.1173159168
10.1021/acsami.4c09452	Enhancing Oxygen Evolution Reaction Performance with rGO/CoNi-Prussian Blu	ACS Applied Materials & Interfaces	2024	Borges, Pedro H. S.; Gonç	Borges, Pedro H. S. (Federal Unive https://app.dimensions.ai/details/publication/pub.1175944635
10.3390/catal14090639	Enhanced Photoelectrochemical Water Splitting Performance of Ce-Doped TiO2	Catalysts	2024	Lin, Bi-Li; Chen, Rui; Zhu,	Lin, Bi-Li (Minnan Normal Universi https://app.dimensions.ai/details/publication/pub.1176010487
10.1557/s43579-024-00630-8	Determining the oxidation stability of SnSe under atmospheric exposure	MRS Communications	2024	Chin, Jonathan R.; Gardne	Chin, Jonathan R. (Georgia Institut https://app.dimensions.ai/details/publication/pub.1175858457
10.1021/acsnanoscienceau.4c00025	Synergistic Effects of ZnO@NiM′-Layered Double Hydroxide (M′ = Mn, Co, and Fı	ACS Nanoscience Au	2024	Pandey, Gaurav; Serawat	Pandey, Gaurav (Malaviya Nationa https://app.dimensions.ai/details/publication/pub.1175785815
10.1002/adfm.202412070	Conductive Li2S-NbSe2 Cathode Material Capable of Bidirectional Self-Activatior	Advanced Functional Materials	2024	Hu, Yaqi; Liu, Yanchen; Lu	Hu, Yaqi (Central South University	https://app.dimensions.ai/details/publication/pub.1175764573
10.1039/d4en00062e	MnCuFe/P-GCE electrochemical sensor: a breakthrough catalyst for highly sensit	Environmental Science Nano	2024	Tharuman, Sharmila; Nat	Tharuman, Sharmila (National Taip https://app.dimensions.ai/details/publication/pub.1174681646
10.1021/acsaem.4c01754	Development of High-Performance Large-Scale Structural Supercapacitors via th	ACS Applied Energy Materials	2024	Lee, Yi-Ruei; Wu, Kai-Jen;	Lee, Yi-Ruei (National Cheng Kung https://app.dimensions.ai/details/publication/pub.1175650711
10.1016/j.jhazmat.2024.135801	Deciphering the microbial interactions and metabolic shifts at different COD/sul	Journal of Hazardous Materials	2024	Huang, Qi; Liu, Yang; Dha	Huang, Qi (University of Alberta);	https://app.dimensions.ai/details/publication/pub.1175619687
10.1088/1402-4896/ad729b	Q-switched pulse generation with an electro-deposited MoS2 film	Physica Scripta	2024	Lee, Lian Hong; Diblawe,	Lee, Lian Hong (University of Mala https://app.dimensions.ai/details/publication/pub.1174981318
10.1007/s42247-024-00825-8	Fluorometric sensing and nanomolar level detection of heavy metal ions using n	Emergent Materials	2024	Yadav, Rajnee; Lahariya, \	Yadav, Rajnee (Amity University);	https://app.dimensions.ai/details/publication/pub.1175438882
10.1016/j.cej.2024.153520	Suppressing leakage current and charge accumulation via perovskite interface m	Chemical Engineering Journal	2024	Chen, Yongjian; Zeng, Xia	Chen, Yongjian (Southwest Jiaotor https://app.dimensions.ai/details/publication/pub.1173236811
10.1134/s1063782624601638	Outcome of Cd/Zn doped-CuO Nanoparticles on Structural, Optical and Electrica	Semiconductors	2024	Sharma, Amit Kumar; Pal,	Sharma, Amit Kumar (Teerthanker https://app.dimensions.ai/details/publication/pub.1183066207
10.1016/j.jpowsour.2024.235045	Thin-film flexible zinc hybrid electrochemical device integrating three chemical p	Journal of Power Sources	2024	Liu, Shiwei; Luo, Shiqiang	Liu, Shiwei (Zinergy Shenzhen Ltd. https://app.dimensions.ai/details/publication/pub.1173740566
10.1016/j.jiec.2024.03.040	Rose petal patterns with “Lotus Effect”, corrosion resistance and photocatalytic	Journal of Industrial and Engineering Chemistı	2024	Chen, Yu-Yi; Ou, Shih-Fu;	Chen, Yu-Yi (National Kaohsiung U https://app.dimensions.ai/details/publication/pub.1170091399
10.1016/j.ica.2024.122150	ZnO/TiO2 heterojunction nanorod array for efficient photoelectrochemical wate	Inorganica Chimica Acta	2024	Chen, Rui; Chen, Yan-Xin;	Chen, Rui (Jiangxi University of Sci https://app.dimensions.ai/details/publication/pub.1171780578
10.1021/acsami.4c07239	Preinserted Ammonium in MnO2 to Enhance Charge Storage in Dimethyl Sulfoxi	ACS Applied Materials & Interfaces	2024	Kao-ian, Wathanyu; Sang	Kao-ian, Wathanyu (Chulalongkorn https://app.dimensions.ai/details/publication/pub.1175272475
10.1039/d4nr01489h	Rational design of dual-ion doped cobalt-free Li-rich cathode materials for enhar	Nanoscale	2024	Dias, Otavio Augusto Titt	Dias, Otavio Augusto Titton (Unive https://app.dimensions.ai/details/publication/pub.1173700999
10.1002/smll.202405197	Harvesting Magneto-Acoustic Waves Using Magnetic 2D Chromium Telluride (Cr	Small	2024	Gowda, Chinmayee Chow	Gowda, Chinmayee Chowde (India https://app.dimensions.ai/details/publication/pub.1175127649
10.1021/acsami.4c11593	Rutile-Type Co0.5Ti0.5NbO4-Based Cathode with In Situ Exsolved Metal Particle	ACS Applied Materials & Interfaces	2024	Ruan, Wenji; Liu, Xiaojing	Ruan, Wenji (Southwest Universit https://app.dimensions.ai/details/publication/pub.1175030961
10.1016/j.enzmictec.2024.110502	A directional electrode separator improves anodic biofilm current density in a w	Enzyme and Microbial Technology	2024	Anoy, Md Monzurul Islam	Anoy, Md Monzurul Islam (Washir https://app.dimensions.ai/details/publication/pub.1174934657
10.1021/jacs.4c07233	Molecular O2 Dimers and Lattice Instability in a Perovskite Electrocatalyst	Journal of the American Chemical Society	2024	Bosse, Jan; Gu, Jian; Choi,	Bosse, Jan (Paul Scherrer Institute https://app.dimensions.ai/details/publication/pub.1174874952
10.1021/acsnano.4c03649	High-Performance Proton Field-Effect Transistor Based on Two-Dimensional Cd	ACS Nano	2024	Shi, Wenhao; Qian, Xitan	Shi, Wenhao (Huazhong Universit https://app.dimensions.ai/details/publication/pub.1174799853
10.1038/s41467-024-51088-0	Unassisted photoelectrochemical CO2-to-liquid fuel splitting over 12% solar con	Nature Communications	2024	Khan, Bilawal; Faheem, M	Khan, Bilawal (City University of H https://app.dimensions.ai/details/publication/pub.1174733421
10.1002/adsu.202400401	Cyanobacterial Artificial Plants for Enhanced Indoor Carbon Capture and Utilizat	Advanced Sustainable Systems	2024	Rezaie, Maryam; Choi, Se	Rezaie, Maryam (State University	https://app.dimensions.ai/details/publication/pub.1174642503
10.1007/s42247-024-00803-0	rGO and g-C3N4 as synergistic additives in SnS2-MoS2 hybrid nanocomposites fc	Emergent Materials	2024	Neha; Kavita, Shrikanti; A	Neha (Guru Ghasidas Vishwavidya https://app.dimensions.ai/details/publication/pub.1174614893
10.21203/rs.3.rs-4737449/v1	Study of Corrosion Inhibition of Mild Steel in 0.1n Hcl Solution Using 3-[(4-Meth	Research Square	2024	Satarkar, Sahil; Dubey, R.	Satarkar, Sahil (University of Mum https://app.dimensions.ai/details/publication/pub.1174629638
10.20517/cs.2023.68	A novel structure Ti/Fe2O3/Cu2S/Co(OH)x enhances the photoelectrochemical v	Chemical Synthesis	2024	Shi, Hao-Yan; Chen, Yan-X	Shi, Hao-Yan (); Chen, Yan-Xin (); Ji	https://app.dimensions.ai/details/publication/pub.1174589008
10.5796/electrochemistry.24-00053	Operando X-Ray Imaging of the Charge-Discharge Behavior of Zinc-Air Batteries	Electrochemistry	2024	KANG, Wooseok; KUBOTA	KANG, Wooseok (Institute of Scier https://app.dimensions.ai/details/publication/pub.1173751099
10.1016/j.envres.2024.119710	Exploring the economic viability of electrochemical assessment for water contar	Environmental Research	2024	Tharuman, Sharmila; Che	Tharuman, Sharmila (National Taip https://app.dimensions.ai/details/publication/pub.1174440333
10.1021/acsami.4c09788	In Situ Visualization of Ion Transport Processes in Aqueous Batteries	ACS Applied Materials & Interfaces	2024	Chen, Yongtang; Li, Xueya	Chen, Yongtang (University of Scie https://app.dimensions.ai/details/publication/pub.1174390344
10.1016/j.ijhydene.2024.06.299	Manipulating cathode composition to enhance performance of proton-conducti	International Journal of Hydrogen Energy	2024	Liu, Yonghong; Deng, Xiar	Liu, Yonghong (University of South	https://app.dimensions.ai/details/publication/pub.1173247709
10.1016/j.ica.2024.122071	Structural alterations on copper cages containing hydrides coordinated to the ce	Inorganica Chimica Acta	2024	Silalahi, Rhone P. Brocha;	Silalahi, Rhone P. Brocha (Nationa https://app.dimensions.ai/details/publication/pub.1170805581
10.1016/j.surfin.2024.104730	Efficiency enhancement of nitrate electroreduction to ammonia by introducing (	Surfaces and Interfaces	2024	Hua, Hele; Zhang, Nan; W	Hua, Hele (Taiyuan University of T https://app.dimensions.ai/details/publication/pub.1173519040
10.1016/j.corsci.2024.112278	Deciphering the Interplay between Cr and Fe during Interfacial Electrochemical I	Corrosion Science	2024	Li, Geng-Hong; Chang, Yu	Li, Geng-Hong (National Taiwan Ur https://app.dimensions.ai/details/publication/pub.1174002135
10.1016/j.jece.2024.113269	A short-circuited photo-assisted electrochemical cell for wastewater treatment	Journal of Environmental Chemical Engineerir	2024	Ayala-Ayala, María Teres	Ayala-Ayala, María Teresa (Autono https://app.dimensions.ai/details/publication/pub.1172513231
10.1016/j.apsusc.2024.160274	Construction of Bi2WO6/g-C3N4/Cu foam as 3D Z-scheme photocatalyst for pho	Applied Surface Science	2024	Liu, Juxin; Du, Tao; Chen,	Liu, Juxin (Northeastern University https://app.dimensions.ai/details/publication/pub.1171583107

10.3390/pr12081603	Pine Nutshells and Their Biochars as Sources of Chemicals, Fuels, Activated Carb	Processes	2024	Şen, Umut; Rodrigues, Joa	Şen, Umut (Instituto Superior de A	https://app.dimensions.ai/details/publication/pub.1174378396
10.1039/d4dt01200c	Unravelling the kinetics of electro- and photochemical S → O linkage isomerizatio	Dalton Transactions	2024	Shahid, Nida; Singh, Ashm	Shahid, Nida (Indian Institute of Te	https://app.dimensions.ai/details/publication/pub.1173514333
10.1021/acsestengg.4c00179	Exploration of Optimum Configurations of Electro-Assisted Anaerobic Digester fi	ACS ES&T Engineering	2024	Huang, Qi; Liu, Yang; Dha	Huang, Qi (University of Alberta);	https://app.dimensions.ai/details/publication/pub.1174288118
10.1038/s41467-024-50751-w	A weakly coordinating-intervention strategy for modulating Na+ solvation sheat	Nature Communications	2024	Wang, Chutao; Sun, Zong	Wang, Chutao (State Key Laborato	https://app.dimensions.ai/details/publication/pub.1174148590
10.1039/d4nr01580k	Efficient detection of p -nitrophenol via a polypyrrole flower-decorated nickel fo	Nanoscale	2024	Lawaniya, Shiv Dutta; Par	Lawaniya, Shiv Dutta (Malaviya Na	https://app.dimensions.ai/details/publication/pub.1173613669
10.1299/transjsme.24-00098	フロー型亜鉛空気電池の負極オペランドX線イメージング	Transactions of the JSME (in Japanese)	2024	峻平, 久保田; Wooseok,	峻平, 久保田 (東京工業大学 工学	https://app.dimensions.ai/details/publication/pub.1173710974
10.1021/acs.iecr.4c01344	E-Waste-Derived Electrode for Electrooxidation of Kitchen Wastewater	Industrial & Engineering Chemistry Research	2024	V S, Neeraj; Appusamy, A	V S, Neeraj (National Institute of T	https://app.dimensions.ai/details/publication/pub.1174116904
10.1021/acs.energyfuels.4c01639	Bimetallic Manganese–Nickel Metal–Organic Framework Anchored Hexyl-Amin	Energy & Fuels	2024	Ahmad, Wasi; Singh, Jyot	Ahmad, Wasi (Dhofar University);	https://app.dimensions.ai/details/publication/pub.1174032785
10.1021/acs.langmuir.4c01549	Ultralow Detection of Mancozeb Using Two-Dimensional Cobalt Telluride (CoTe	Langmuir	2024	Slathia, Surbhi; Ipaves, Br	Slathia, Surbhi (Indian Institute of	https://app.dimensions.ai/details/publication/pub.1173825045
10.1186/s40712-024-00152-0	CuMn2O4 spinel electrodes: effect of the hydrothermal treatment duration on e	Journal of Materials Science: Materials in Engi	2024	Aouini, Souha; Bardaoui,	Aouini, Souha (Research and Tech	https://app.dimensions.ai/details/publication/pub.1173718745
10.1021/acsaenm.4c00321	Subpicomolar Dopamine Detection Using Two-Dimensional Cobalt Telluride	ACS Applied Engineering Materials	2024	Chakraborty, Anyesha; Ip	Chakraborty, Anyesha (Indian Inst	https://app.dimensions.ai/details/publication/pub.1173738122
10.1039/d4ta02499k	Interfacial tuning of the graphite anode for potassium ion intercalation in a wide	Journal of Materials Chemistry A	2024	Luo, Pai; Liu, Yanfang; Luo	Luo, Pai (Hunan University); Liu, Y	https://app.dimensions.ai/details/publication/pub.1172517574
10.1007/s11581-024-05625-y	Microwave irradiation effect of La2O3-CeO2 nanocomposites as a potential elec	Ionics	2024	Riyas, Z. Mohamed; Prabl	Riyas, Z. Mohamed (Alagappa Uni	https://app.dimensions.ai/details/publication/pub.1173670611
10.1021/acsaelm.4c00795	Sea Urchin-Like NiO-CoO Heterostructure as High-Energy Supercapattery Electro	ACS Applied Electronic Materials	2024	Kannadasan, Kalidoss; Ar	Kannadasan, Kalidoss (Pondicherr	https://app.dimensions.ai/details/publication/pub.1173556469
10.1039/d4ta00918e	Synergistic design of g-C 3 N 4 -supported CNTs: experimental and DFT insights f	Journal of Materials Chemistry A	2024	Tomer, Vijay K.; Kumawat	Tomer, Vijay K. (University of Toro	https://app.dimensions.ai/details/publication/pub.1171707193
10.1039/d4mh00200h	Advancing lithium–sulfur battery efficiency: utilizing a 2D/2D g-C 3 N 4 @MXene	Materials Horizons	2024	Tomer, Vijay K; Dias, Otav	Tomer, Vijay K (University of Toro	https://app.dimensions.ai/details/publication/pub.1170727550
10.1021/acsami.4c06303	Unlocking Wearable Microbial Fuel Cells for Advanced Wound Infection Treatme	ACS Applied Materials & Interfaces	2024	Rezaie, Maryam; Rafiee, A	Rezaie, Maryam (State University	https://app.dimensions.ai/details/publication/pub.1173429189
10.1016/j.jmst.2023.11.018	B-site high-entropy tailoring K2NiF4 oxide as an effective cathode for proton-cor	Journal of Material Science and Technology	2024	Gong, Junyi; Hou, Jie	Gong, Junyi (University of South C	https://app.dimensions.ai/details/publication/pub.1167508609
10.1016/j.jeurceramsoc.2024.01.05	Utilizing in-situ formed heterostructure oxides as a cathode for proton-conducti	Journal of the European Ceramic Society	2024	Gu, Yiheng; Xu, Xinyuan;	Gu, Yiheng (Changshu Institute of	https://app.dimensions.ai/details/publication/pub.1168051633
10.1016/j.susmat.2024.e00969	A medium-entropy engineered double perovskite oxide for efficient and CO2-to	Sustainable Materials and Technologies	2024	Wang, Zhe; Li, Jingwei; Yu	Wang, Zhe (Harbin Institute of Tec	https://app.dimensions.ai/details/publication/pub.1171592421
10.1016/j.memsci.2024.122954	Electrochemical analysis of ion-exchange membranes fouling during electrodialy	Journal of Membrane Science	2024	Liu, Jian; Yu, Yuanyuan; C	Liu, Jian (Chongqing University); Y	https://app.dimensions.ai/details/publication/pub.1172263021
10.1016/j.jpowsour.2024.234589	Multiparameter optimization of microbial fuel cell outputs using linear sweep vc	Journal of Power Sources	2024	Sonawane, Jayesh M.; Gre	Sonawane, Jayesh M. (Université l	https://app.dimensions.ai/details/publication/pub.1171178785
10.1002/inf2.12594	Flexible perovskite photodetector with room-temperature self-healing capabilit	InfoMat	2024	Li, Guoyi; Li, Shenghong;	Li, Guoyi (Soochow University); Li,	https://app.dimensions.ai/details/publication/pub.1173292669
10.1007/s10854-024-12968-9	Fabrication of electrospun n, p-doped carbon nanofiber mat using polyacrylonitr	Journal of Materials Science: Materials in Elec	2024	Ahmad, Md.Wasi	Ahmad, Md.Wasi (Dhofar Universi	https://app.dimensions.ai/details/publication/pub.1173245426
10.1007/s11664-024-11258-8	Studies into the Synergy Between MoS2-rGO-gC3N4 for Photocatalytic and Supe	Journal of Electronic Materials	2024	Neha; Andola, Anshu; Par	Neha (Guru Ghasidas Vishwavidya	https://app.dimensions.ai/details/publication/pub.1173239567
10.1021/acscatal.4c02548	Electrochemical NADH Regeneration Mediated by Pyridine Amidate Iridium Con	ACS Catalysis	2024	Trotta, Caterina; Rodrigue	Trotta, Caterina (University of Per	https://app.dimensions.ai/details/publication/pub.1173230185
10.48550/arxiv.2406.15029	Harvesting magneto-acoustic waves using magnetic two-dimensional chromium ar	arXiv	2024	Gowda, Chinmayee Chow	Gowda, Chinmayee Chowde (); Ka	https://app.dimensions.ai/details/publication/pub.1173146087
10.1016/j.heliyon.2024.e33238	Development of an aptasensor for highly sensitive detection of cardiac troponin	Heliyon	2024	Devaraj, Ramya; Loganath	Devaraj, Ramya (PSG College of Te	https://app.dimensions.ai/details/publication/pub.1173037602
10.1002/adfm.202406125	Internal Electron Donor Accelerated Sulfur Redox for Aqueous Zn–S Batteries	Advanced Functional Materials	2024	Zhang, Hui; Yang, Min; Xia	Zhang, Hui (State Key Laboratory c	https://app.dimensions.ai/details/publication/pub.1172930554
10.1021/acsami.4c03761	Controlled NiO x Defect Engineering to Harnessing Redox Reactions in Perovskit	ACS Applied Materials & Interfaces	2024	Yu, Xuteng; Liu, Chang; Li	Yu, Xuteng (Chinese Academy of S	https://app.dimensions.ai/details/publication/pub.1172713731
10.1016/j.jcis.2024.06.038	Turning bad into good: A medium-entropy double perovskite oxide with benefic	Journal of Colloid and Interface Science	2024	Yuan, Mengke; Wang, Zhe	Yuan, Mengke (Harbin Normal Uni	https://app.dimensions.ai/details/publication/pub.1172599273
10.1088/2057-1976/ad4b1c	Development of a novel, concentric micro-ECoG array enabling simultaneous de	Biomedical Physics & Engineering Express	2024	Akamine, Ian R; Garich, Jo	Akamine, Ian R (Arizona State Uni	https://app.dimensions.ai/details/publication/pub.1171647492
10.1039/d3ma01133j	Ameliorating La 0.5 Sr 1.5 MnO 4 with Ni-doping to enhance cathode electrocata	Materials Advances	2024	Xu, Jiapeng; Gong, Junyi;	Xu, Jiapeng (University of South Cl	https://app.dimensions.ai/details/publication/pub.1170707788
10.1007/s00339-024-07636-y	PolyanionNaNi1 − xCuxPO4 glass and glass-ceramic cathode network: Structure	Applied Physics A	2024	Grandhe, Radhika; Katta,	Grandhe, Radhika (Department of	https://app.dimensions.ai/details/publication/pub.1172568465
10.1002/adfm.202406077	Controllable Synthesis of Sub-10 nm ZnS Nanograins Confined in Micro-Size Carb	Advanced Functional Materials	2024	Yang, Min; Yan, Zichao; Zh	Yang, Min (Xiangtan University); Y	https://app.dimensions.ai/details/publication/pub.1172401665
10.1016/j.jece.2024.112743	Lotus pollen-derived nitrogen and phosphorus self-doped TiO2/carbon material	Journal of Environmental Chemical Engineerir	2024	Chen, Rui; Wang, Ying-Yin	Chen, Rui (State Key Laboratory of	https://app.dimensions.ai/details/publication/pub.1170530758
10.1016/j.mtcomm.2024.109032	S doping induced phase transition of CoMoO4 and decorated on KCu7S4 for high	Materials Today Communications	2024	Yang, Rui; Guo, Donglin; H	Yang, Rui (Guilin University of Tech	https://app.dimensions.ai/details/publication/pub.1171101147
10.1016/j.jece.2024.112971	2D/1D nested hollow porous ZnIn2S4/g-C3N4 heterojunction based on morphol	Journal of Environmental Chemical Engineerir	2024	Zheng, Ziang; Du, Tao; Ch	Zheng, Ziang (Northeastern Unive	https://app.dimensions.ai/details/publication/pub.1171311695
10.1039/d4an00393d	Combined electrical-electrochemical phenotypic profiling of antibiotic susceptib	Analyst	2024	Rafiee, Zahra; Rezaie, Ma	Rafiee, Zahra (State University of I	https://app.dimensions.ai/details/publication/pub.1171107228
10.1177/13506501241257560	Tribo-corrosion and mechanical performance of electro-deposited nano-compos	Proceedings of the Institution of Mechanical E	2024	Shaikh, Muhammad Ahm	Shaikh, Muhammad Ahmed Nazir	https://app.dimensions.ai/details/publication/pub.1172156040
10.3390/molecules29112514	A Convenient In Situ Preparation of Cu2ZnSnS4–Anatase Hybrid Nanocomposite	Molecules	2024	Li, Ke-Xian; Li, Cai-Hong;	Li, Ke-Xian (State Key Laboratory o	https://app.dimensions.ai/details/publication/pub.1172125570
10.1111/wej.12927	Utilizing Vigna mungo wash water for simultaneous power generation and desal	Water and Environment Journal	2024	Prakash, Sandhya; Mohar	Prakash, Sandhya (Maulana Azad I	https://app.dimensions.ai/details/publication/pub.1171719193
10.1002/asia.202400218	Diamondoid Ni(II) Coordination Polymer as an Electrocatalyst for Hydrogen and	Chemistry - An Asian Journal	2024	Naaz, Sanobar; Chatterjee	Naaz, Sanobar (Aliah University); (	https://app.dimensions.ai/details/publication/pub.1170804073
10.1002/cssc.202301659	Unveiling the Role of Electrografted Carbon-Based Electrodes for Vanadium Red	ChemSusChem	2024	Kogler, Matthias; Rauh, N	Kogler, Matthias (TU Wien; Center	https://app.dimensions.ai/details/publication/pub.1170004691
10.1039/d4ta00950a	Bio-inspired design of a self-supported bismuth microforest for high performanc	Journal of Materials Chemistry A	2024	Bai, Jia; Liu, Yan; Pu, Ben;	Bai, Jia (Southwest Jiaotong Unive	https://app.dimensions.ai/details/publication/pub.1170834882
10.1016/j.jcis.2024.05.071	Composite polymer electrolyte facilitated by enhanced amorphousity and Li+ co	Journal of Colloid and Interface Science	2024	Halder, Bhargabi; Elumal	Halder, Bhargabi (Pondicherry Uni	https://app.dimensions.ai/details/publication/pub.1171533190
10.1002/smll.202401502	Pressure Tuning and Sn Particle Size Optimization for Enhanced Performance in	Small	2024	Wei, Chaochao; Liu, Chen	Wei, Chaochao (Huazhong Univers	https://app.dimensions.ai/details/publication/pub.1171425921
10.1021/acssynbio.3c00684	Red-Light-Induced Genetic System for Control of Extracellular Electron Transfer	ACS Synthetic Biology	2024	Zhao, Fengjie; Niman, Chi	Zhao, Fengjie (University of South	https://app.dimensions.ai/details/publication/pub.1171306614
10.1016/j.jpowsour.2024.234295	AgPF6 modified lithium interphases enable superior performance for Li5.5PS4.5	Journal of Power Sources	2024	Wu, Zhongkai; Liu, Chen;	Wu, Zhongkai (Huazhong Universi	https://app.dimensions.ai/details/publication/pub.1169674886
10.1016/j.poly.2024.116934	A heteroleptic Pt-doped Cu-rich hydrides nanocluster	Polyhedron	2024	Silalahi, Rhone P. Brocha;	Silalahi, Rhone P. Brocha (Nationa	https://app.dimensions.ai/details/publication/pub.1169825535
10.1016/j.ceramint.2024.01.426	Configuration entropy tailored beneficial surface segregation on double perovsk	Ceramics International	2024	Yuan, Mengke; Wang, Zhe	Yuan, Mengke (Harbin Institute of	https://app.dimensions.ai/details/publication/pub.1168444272
10.1016/j.cej.2024.150473	Thermal Cross-Linking preparation of Aqueous-Based cathodic films for enhance	Chemical Engineering Journal	2024	Dai, Jiangbo; Zu, Yunfei; Y	Dai, Jiangbo (University of Science	https://app.dimensions.ai/details/publication/pub.1169906849
10.1016/j.surfcoat.2024.130849	Laser assisted electrodeposition of binary metallic alloys from water-based elect	Surface and Coatings Technology	2024	Bernasconi, Roberto; Crin	Bernasconi, Roberto (Politecnico c	https://app.dimensions.ai/details/publication/pub.1171111864
10.1016/j.est.2024.111295	Multifunctional asymmetric bi-ligand iron chelating agents towards low-cost, hig	Journal of Energy Storage	2024	Tippayamalee, Parimol; P	Tippayamalee, Parimol (Chulalong	https://app.dimensions.ai/details/publication/pub.1169803275
10.1002/adma.202400279	Pyroelectric-Accelerated Perovskite Photodetector for Picosecond Light Detectio	Advanced Materials	2024	Min, Liangliang; Sun, Hao	Min, Liangliang (Soochow Universi	https://app.dimensions.ai/details/publication/pub.1170232479
10.21203/rs.3.rs-4163819/v1	Mixed polyanion Na2O-CuO-V2O5-P2O5 glass and glass ceramic cathode netwo	Research Square	2024	Grandhe, Radhika; KATTA	Grandhe, Radhika (GITAM Deeme	https://app.dimensions.ai/details/publication/pub.1170367721
10.1109/tbcas.2023.3329447	Wireless Stimulation of Motor Cortex Through a Collagen Dura Substitute Using	IEEE Transactions on Biomedical Circuits and S	2024	Benbuk, Abed; Gulick, Da	Benbuk, Abed (Arizona State Univ	https://app.dimensions.ai/details/publication/pub.1165450890
10.1149/1945-7111/ad3b78	Reusable Cell Design for High-Temperature (600 °C) Liquid Metal Battery Cycling	Journal of The Electrochemical Society	2024	Sarma, Martins; Lee, Juha	Sarma, Martins (Helmholtz-Zentru	https://app.dimensions.ai/details/publication/pub.1170484816
10.1016/j.mtphys.2024.101413	Interfacial Coulomb-enhanced charge injection for efficient perovskite light-emi	Materials Today Physics	2024	Chen, Yongjian; Yan, Chen	Chen, Yongjian (Southwest Jiaotor	https://app.dimensions.ai/details/publication/pub.1170094593
10.1016/j.molliq.2024.124439	Aqueous dispersions of highly conductive carbon nanomaterials: Unusual aggreg	Journal of Molecular Liquids	2024	Al-Shaibah, Faozia Nasser	Al-Shaibah, Faozia Nasser (Qatar U	https://app.dimensions.ai/details/publication/pub.1169565891
10.3390/molecules29071569	Improvement in Electrochemical Performance of Waste Sugarcane Bagasse-Deri	Molecules	2024	Alwi, Muhammad Mudas	Alwi, Muhammad Mudassir Ahma	https://app.dimensions.ai/details/publication/pub.1170320165
10.1016/j.jcis.2024.03.177	Molecularly-regulating oxygen-containing functional groups of ramie activated c	Journal of Colloid and Interface Science	2024	Chen, Zhenyu; Chen, Yuya	Chen, Zhenyu (Southwest Jiaotong	https://app.dimensions.ai/details/publication/pub.1170164855
10.1149/1945-7111/ad30d3	Electrochemical Removal of HF from Carbonate-based LiPF6-containing Li-ion Ba	Journal of The Electrochemical Society	2024	Ge, Xiaokun; Huck, Marte	Ge, Xiaokun (Forschungszentrum J	https://app.dimensions.ai/details/publication/pub.1169507420
10.1021/acsaem.3c03224	Stabilizing the Lithium-Rich Manganese-Based Oxide Cathode via Regulating a C	ACS Applied Energy Materials	2024	Feng, Zhuoran; Guo, Leyi;	Feng, Zhuoran (Jilin University); G	https://app.dimensions.ai/details/publication/pub.1169849507
10.1039/d3ta07222c	Lithium-rich sulfide Li 2 Ti 1−x Si x S 3 cathode materials optimized through Si-do	Journal of Materials Chemistry A	2024	Hu, Yaqi; Zhang, Zonglian	Hu, Yaqi (Central South University	https://app.dimensions.ai/details/publication/pub.1168722967
10.3389/frwa.2024.1367315	Ammonia concentration and recovery in an up-scaled electrochemical cell throu	Frontiers in Water	2024	Choi, Seongmin; Lee, Woo	Choi, Seongmin (Ulsan National In	https://app.dimensions.ai/details/publication/pub.1169395512
10.1016/j.jcis.2024.02.214	Promoted photocatalytic N2 fixation to ammonia over floatable TiO2/Bi/Carbon	Journal of Colloid and Interface Science	2024	Li, Yaru; Li, Rui; Sun, Zijun	Li, Yaru (Taiyuan University of Tech	https://app.dimensions.ai/details/publication/pub.1169290149
10.1016/j.jwpe.2024.105037	Engineering electrified hydrophobic membranes toward superior fouling resista	Journal of Water Process Engineering	2024	Han, Minyuan; Zhang, Ha	Han, Minyuan (Chongqing Univers	https://app.dimensions.ai/details/publication/pub.1169400455

10.1016/j.jwpe.2024.105004	Enhanced performance of novel microbial desalination cell using sago effluent a	Journal of Water Process Engineering	2024	Prakash, Sandhya; Mohar	Prakash, Sandhya (National Institu https://app.dimensions.ai/details/publication/pub.1168877159
10.1002/adsu.202400049	Revolutionizing Papertronics: Advanced Green, Tunable, and Flexible Componer	Advanced Sustainable Systems	2024	Rafiee, Zahra; Elhadad, A	Rafiee, Zahra (State University of I https://app.dimensions.ai/details/publication/pub.1169242004
10.1021/acsphotonics.3c01563	Photoconductive Effects in Single Crystals of BaZrS3	ACS Photonics	2024	Zhao, Boyang; Chen, Hua	Zhao, Boyang (University of South https://app.dimensions.ai/details/publication/pub.1169018623
10.1080/09593330.2024.2318669	Effective chromium mitigation using phosphorous doped bio carbon electrode v	Environmental Technology	2024	Ganesan, Vigneshhwaran	Ganesan, Vigneshhwaran (Nationa https://app.dimensions.ai/details/publication/pub.1168922694
10.1002/advs.202308530	Accelerated Selective Li+ Transports Assisted by Microcrack-Free Anionic Netwo	Advanced Science	2024	Gao, Jingyi; Zhou, Jiaming	Gao, Jingyi (University of Hong Ko https://app.dimensions.ai/details/publication/pub.1168804594
10.4028/p-1bmxjg	Cathodized Stainless Steel Mesh for Binder-Free NiFe2O4/NiFe Layer Double Hy	Engineering Innovations	2024	Sripallawit, Natthapon; Kl	Sripallawit, Natthapon (Chulalongk https://app.dimensions.ai/details/publication/pub.1168797149
10.1002/smll.202307610	Microwave Doping of Sulfur and Iron in β12 Borophene	Small	2024	Li, Zhixuan; Guan, Xinwei	Li, Zhixuan (University of Newcast https://app.dimensions.ai/details/publication/pub.1168788653
10.1016/j.scib.2024.02.004	Atom-by-atom optimizing the surface termination of Fe-Pt intermetallic catalyst	Science Bulletin	2024	Liang, Qing; Meng, Fanlin	Liang, Qing (Jilin University); Meng https://app.dimensions.ai/details/publication/pub.1168633020
10.1039/d3cy01464a	Compositional engineering of perovskite oxide BaCo 0.5 Fe 0.5 O 3−δ as an effici	Catalysis Science & Technology	2024	Xu, Anqi; Zhou, Jian; Liu,	Xu, Anqi (Wuhan Institute of Techn https://app.dimensions.ai/details/publication/pub.1167142773
10.1021/jacsau.3c00705	Unraveling the Role of Solvation and Ion Valency on Redox-Mediated Electrosor	JACS Au	2024	Candeago, Riccardo; Wan	Candeago, Riccardo (University of https://app.dimensions.ai/details/publication/pub.1168497824
10.1002/exp.20230082	Unveiling the importance of the interface in nanocomposite cathodes for proton	Exploration	2024	Yin, Yanru; Wang, Yifan;	Yin, Yanru (University of South Chi https://app.dimensions.ai/details/publication/pub.1168490928
10.1016/j.molliq.2024.124011	Stretchable and conductive physical eutectogel based on type IV deep eutectic s	Journal of Molecular Liquids	2024	Huang, Wun-Jhe; Vo, Trur	Huang, Wun-Jhe (National Central https://app.dimensions.ai/details/publication/pub.1167867907
10.1016/j.gsd.2024.101078	A highly sensitive electrochemical sensor for Cr6+ ions detection using Ag NPs/r	Groundwater for Sustainable Development	2024	Rajkumar, G. Surendra; K	Rajkumar, G. Surendra (Anna Univ https://app.dimensions.ai/details/publication/pub.1167569422
10.1016/j.sbsr.2024.100625	Fabrication of LaF3 passivated porous silicon pH sensor by deep eutectic solvent	Sensing and Bio-Sensing Research	2024	Rahman, Hafijur; Alam, M	Rahman, Hafijur (Pabna University https://app.dimensions.ai/details/publication/pub.1168496786
10.1016/j.apsusc.2023.158915	Silicon-oxy-carbide intercalated three-dimensional graphene hybrid membrane	Applied Surface Science	2024	Zhang, Erhui; Yang, Meng	Zhang, Erhui (Anhui Science and Te https://app.dimensions.ai/details/publication/pub.1165946072
10.1016/j.cej.2024.148686	Layered double hydroxide@zeolite composite modified sponge: A versatile bioc	Chemical Engineering Journal	2024	Jiang, Zhuwu; Wu, Mengf	Jiang, Zhuwu (Fujian University of https://app.dimensions.ai/details/publication/pub.1167873928
10.1016/j.ijhydene.2023.12.157	ZnMn2O4 spinel nanocrystals-decorated multi-walled carbon nanotubes for oxy	International Journal of Hydrogen Energy	2024	Singh, Smita; Shrivastava,	Singh, Smita (Banaras Hindu Unive https://app.dimensions.ai/details/publication/pub.1167288365
10.1021/acsnano.3c10146	Electrochemical Activation of Fe-LiF Conversion Cathodes in Thin-Film Solid-Stat	ACS Nano	2024	Casella, Joel; Morzy, Jędr	Casella, Joel (Swiss Federal Labora https://app.dimensions.ai/details/publication/pub.1168354661
10.1016/j.bios.2024.116067	A comprehensive study on transparent conducting oxides in compact microbial f	Biosensors and Bioelectronics	2024	Hartono Adji, Raden Priyo	Hartono Adji, Raden Priyo (Resear https://app.dimensions.ai/details/publication/pub.1168346901
10.1109/mems58180.2024.104393(	Microalgae-Enabled Artificial Plants for Indoor Air Quality Improvement and Electricity Generation		2024	Rezaie, Maryam; Choi, Se	Rezaie, Maryam (State University https://app.dimensions.ai/details/publication/pub.1169110963
10.1007/s12598-023-02548-x	Amorphous Sb/C composite with isotropic expansion property as an ultra-stable	Rare Metals	2024	Yang, Ze-Zhou; Zhang, Ch	Yang, Ze-Zhou (Wuhan University) https://app.dimensions.ai/details/publication/pub.1168136934
10.3390/polym16020288	Electrically Conductive Natural Rubber Composite Films Reinforced with Graphit	Polymers	2024	Kitsawat, Veerapat; Siri, S	Kitsawat, Veerapat (Chulalongkorn https://app.dimensions.ai/details/publication/pub.1168175997
10.1021/acs.langmuir.3c03660	In Situ Electrochemistry of Formate on Cu Thin Films Using ATR-FTIR Spectrosco	Langmuir	2024	Hsu, Jason; Houache, Mo	Hsu, Jason (Wilfrid Laurier Univers https://app.dimensions.ai/details/publication/pub.1168025788
10.1039/d3se01001e	In situ preparation of a novel Z-scheme BiOBr/BiVO 4 composite film with enhar	Sustainable Energy & Fuels	2024	Li, Zhiyu; Liu, Bo; Zhang,	Li, Zhiyu (Taiyuan University of Te https://app.dimensions.ai/details/publication/pub.1166400827
10.3390/min14010092	Characteristics of Electrical Resistance Alteration during In Situ Leaching of Ion-A	Minerals	2024	Feng, Xiujuan; Wang, Xiao	Feng, Xiujuan (China University of https://app.dimensions.ai/details/publication/pub.1167968932
10.3390/app14020682	Zinc Plating on Inkjet-Printed Ti3C2Tx MXene: Effect of Electrolyte and PEG Addi	Applied Sciences	2024	Viviani, Prisca; Gibertini,	Viviani, Prisca (Politecnico di Milar https://app.dimensions.ai/details/publication/pub.1167968110
10.1109/tte.2024.3350878	A Novel Multisinusoidal PWM Excitation for Online Battery Impedance Spectros	IEEE Transactions on Transportation Electrifica	2024	Chen, Zheng; Zhang, Yika	Chen, Zheng (Zhejiang University) https://app.dimensions.ai/details/publication/pub.1167768145
10.1016/j.biortech.2023.130298	Electrochemical recovery of nutrients from human urine coupled with biogas up	Bioresource Technology	2024	Kim, Hanwoong; Park, Hu	Kim, Hanwoong (Ulsan National In https://app.dimensions.ai/details/publication/pub.1167635593
10.48550/arxiv.2401.02267	Electrochemical Removal of HF from Carbonate-based $LiPF_6$-containing Li-io	arXiv	2024	Ge, Xiaokun; Huck, Marte	Ge, Xiaokun (); Huck, Marten (); Ku https://app.dimensions.ai/details/publication/pub.1167672081
10.1007/s10904-023-02955-8	ZnO Nanoparticle-Enhanced Electrochemical Sensor Utilizing Moringa Oleifera L	Journal of Inorganic and Organometallic Polym	2024	Manikandan, M.; Priya, G	Manikandan, M. (Vellore Institute https://app.dimensions.ai/details/publication/pub.1167646027
10.1088/1742-6596/2696/1/012005	Soliton Pulse Generation with MoS2 Saturable Absorber	Journal of Physics Conference Series	2024	Wadi, Nurul Izzah S.; Ahm	Wadi, Nurul Izzah S. (Universiti Tel https://app.dimensions.ai/details/publication/pub.1168722335
10.1016/j.ceramint.2023.11.176	Protecting Ba0.5Sr0.5Co0.8Fe0.2O3-δ cathode with SrSn0.8Sc0.2O3-δ proton co	Ceramics International	2024	Zhou, Yanbin; Yu, Shoufu;	Zhou, Yanbin (University of South https://app.dimensions.ai/details/publication/pub.1166090387
10.1016/j.compchemeng.2023.108	A novel state-of-health notion and its use for battery aging monitoring of zinc-ai	Computers & Chemical Engineering	2024	Lao-atiman, Woranunt; B	Lao-atiman, Woranunt (Chulalong https://app.dimensions.ai/details/publication/pub.1164956740
10.1016/j.ijhydene.2023.08.075	Sc-doping strategy for LaNi0.5Fe0.5O3-δ cathode to boost the performance of p	International Journal of Hydrogen Energy	2024	Li, Yufeng; Wu, Shuai; Wa	Li, Yufeng (University of South Chi https://app.dimensions.ai/details/publication/pub.1163415313
10.1016/j.ceramint.2023.10.090	A highly efficient Sb-doped La0.5Sr0.5FeO3-δ cathode for protonic ceramic fuel	Ceramics International	2024	He, Shoucheng; Dai, Haili	He, Shoucheng (Yancheng Institute https://app.dimensions.ai/details/publication/pub.1164933048
10.1016/j.ijhydene.2023.08.076	A new and robust MnCo1.9Sb0.1O4 spinel cathode for proton-conducting solid c	International Journal of Hydrogen Energy	2024	Li, Yufeng; Gu, Yueyuan;	Li, Yufeng (University of South Chi https://app.dimensions.ai/details/publication/pub.1163484995
10.1016/j.ijhydene.2023.08.061	A novel α-Fe2O3 photoanode with multilayered In2O3/Co–Mn nanostructure fo	International Journal of Hydrogen Energy	2024	Ji, Ming-Hao; Chen, Yan-X	Ji, Ming-Hao (Fuzhou University; F https://app.dimensions.ai/details/publication/pub.1163423586
10.1016/j.ijhydene.2023.10.305	Performance of passive direct formate fuel cells with foamed metal anode	International Journal of Hydrogen Energy	2024	Shyu, Jin-Cherng; Hong, J	Shyu, Jin-Cherng (National Kaohsiu https://app.dimensions.ai/details/publication/pub.1165748711
10.1016/j.ceramint.2023.10.077	A new proton conductor-derived cathode with high performance for protonic ce	Ceramics International	2024	Zhou, Yanbin; Yu, Shoufu;	Zhou, Yanbin (University of South https://app.dimensions.ai/details/publication/pub.1164828908
10.1016/j.jpowsour.2023.233818	Construction of thermal, chemical and mechanically stable ion exchange membr	Journal of Power Sources	2024	Myures, X. Michel; Suresh	Myures, X. Michel (National Institu https://app.dimensions.ai/details/publication/pub.1165876497
10.1016/j.ijhydene.2023.07.112	Novel copper fiber-filled polymer composites for enhancing the properties of bi	International Journal of Hydrogen Energy	2024	Mathew, Cijo; Mohamed,	Mathew, Cijo (National Institute o https://app.dimensions.ai/details/publication/pub.1162838607
10.1016/j.enconman.2023.117877	Determination and validation of polarization losses parameters to predict currer	Energy Conversion and Management	2024	Del Zotto, Luca; Tamburra	Del Zotto, Luca (Università degli St https://app.dimensions.ai/details/publication/pub.1166190081
10.1016/j.seppur.2023.125082	Amorphous FeOOH-mediated directional charges transfer in light-switchable ox	Separation and Purification Technology	2024	Xie, Fangxia; Xi, Qing; Zha	Xie, Fangxia (Taiyuan University of https://app.dimensions.ai/details/publication/pub.1164078608
10.1016/j.mset.2023.12.001	Optimization of manganese dioxide-multiwall carbon nanotube composite elect	Materials Science for Energy Technologies	2024	Singhal, Rahul; Sadowski,	Singhal, Rahul (Central Connecticu https://app.dimensions.ai/details/publication/pub.1166850600
10.3390/inorganics12010009	Nitrogen-Doped Carbon Matrix to Optimize Cycling Stability of Lithium Ion Batte	Inorganics	2023	Bie, Xuan; Dong, Yawei; X	Bie, Xuan (Wuhan University); Dor https://app.dimensions.ai/details/publication/pub.1167357207
10.1021/acsami.3c14693	Influence of Au, Pt, and C Seed Layers on Lithium Nucleation Dynamics for Anod	ACS Applied Materials & Interfaces	2023	Müller, André; Paravicini,	Müller, André (Swiss Federal Labo https://app.dimensions.ai/details/publication/pub.1167216106
10.3390/ma17010023	Preparation of Electrodes with β-Nickel Hydroxide/CVD-Graphene/3D-Nickel Fo	Materials	2023	Lu, Yang-Ming; Hong, She	Lu, Yang-Ming (National Universit https://app.dimensions.ai/details/publication/pub.1167230761
10.1557/s43580-023-00745-5	Electrochemical characterization of ZnO/Mt@Fe-TA nanocontainers tested as co	MRS Advances	2023	Zambrano, Paula Nicoll T	Zambrano, Paula Nicoll Tarazona (https://app.dimensions.ai/details/publication/pub.1167131806
10.1021/acsaem.3c02483	Controlled Li Alloying by Postsynthesis Electrochemical Treatment of Cu2ZnSn(S	ACS Applied Energy Materials	2023	Moser, Simon; Aribia, Abd	Moser, Simon (Swiss Federal Labo https://app.dimensions.ai/details/publication/pub.1166976858
10.1007/s10854-023-11712-z	Synthesis of microcrystalline NiCo2S4 nanorods under ambient temperature anc	Journal of Materials Science: Materials in Elec	2023	Yang, Huiyuan; Guo, Rong	Yang, Huiyuan (University of Sout https://app.dimensions.ai/details/publication/pub.1166894133
10.1002/adma.202307534	Self-Powered Wide-Narrow Bandgap-Laminated Perovskite Photodetector with	Advanced Materials	2023	Cheng, Wenjie; Wu, Shao	Cheng, Wenjie (Soochow Universi https://app.dimensions.ai/details/publication/pub.1166350368
10.1101/2023.12.02.569691	A red light-induced genetic system for control of extracellular electron transfer	bioRxiv	2023	Zhao, Fengjie; Niman, Chi	Zhao, Fengjie (University of South https://app.dimensions.ai/details/publication/pub.1166610924
10.1088/2053-1591/ad144c	Ultrafast erbium-doped fiber laser using electrodeposition coated MoS2 thin filn	Materials Research Express	2023	Hong, Jason Lee Lian; Tiu,	Hong, Jason Lee Lian (University o https://app.dimensions.ai/details/publication/pub.1166896230
10.1016/j.apsusc.2023.158385	Restoring La1.2Sr0.8Ni0.5Mn0.5O4+δ electrocatalysis for proton-conducting sol	Applied Surface Science	2023	Gong, Junyi; Hou, Jie	Gong, Junyi (University of South C https://app.dimensions.ai/details/publication/pub.1163792966
10.1016/j.jallcom.2023.171827	3D spatially-confined magnetic anodes towards advanced lithium ion batteries	Journal of Alloys and Compounds	2023	Xiao, Shanshan; Zhang, Yi	Xiao, Shanshan (Jilin Jianzhu Unive https://app.dimensions.ai/details/publication/pub.1163410853
10.1016/j.jelechem.2023.117889	Enhanced electrochemical performance of Prussian blue analogues combined w	Journal of Electroanalytical Chemistry	2023	Guo, Rongshuo; Yang, Hu	Guo, Rongshuo (University of Sout https://app.dimensions.ai/details/publication/pub.1165319558
10.1016/j.jnoncrysol.2023.122609	Sodium-Bismuth-Titanium glass–ceramic network: A high capacity anode netwo	Journal of Non-Crystalline Solids	2023	Yerranuka, Saritha Kumar	Yerranuka, Saritha Kumari (Depart https://app.dimensions.ai/details/publication/pub.1163917283
10.1016/j.electacta.2023.143269	Iron doped cobalt nickel layered double hydroxide supported on nickel foam as a	Electrochimica Acta	2023	Gupta, Akanksha; Sadhan	Gupta, Akanksha (Bar-Ilan Univers https://app.dimensions.ai/details/publication/pub.1164524005
10.1016/j.inoche.2023.111724	Enhanced electrochemical activity of two dimensional layered bismuthene-MW	Inorganic Chemistry Communications	2023	Maheshwaran, G.; Saradh	Maheshwaran, G. (Alagappa Univ https://app.dimensions.ai/details/publication/pub.1165844977
10.1002/elan.202300200	Structural control of nickel nanowire arrays for use as non-enzymatic glucose se	Electroanalysis	2023	Shey, Nicholas H.; Marge	Shey, Nicholas H. (University of Sa https://app.dimensions.ai/details/publication/pub.1165939335
10.1021/jacsau.3c00486	Thermo-Electro-Responsive Redox-Copolymers for Amplified Solvation, Morpho	JACS Au	2023	Chen, Raylin; Wang, Han	Chen, Raylin (University of Illinois https://app.dimensions.ai/details/publication/pub.1166222863
10.1021/acs.energyfuels.3c02944	Three-Dimensional Indium Iron Selenide Nanoarchitecture as an Efficient and Du	Energy & Fuels	2023	Bhat, Muzaffar A.; Majid,	Bhat, Muzaffar A. (Maulana Azad N https://app.dimensions.ai/details/publication/pub.1165907557
10.1007/s00339-023-07074-2	Influence of amorphous intermediate domains on the performance of Na2O–Bi2	Applied Physics A	2023	Yerranuka, Saritha Kumar	Yerranuka, Saritha Kumari (Depart https://app.dimensions.ai/details/publication/pub.1165738284
10.1002/smtd.202300836	Ultra-Efficient Synthesis of Nb4C3Tx MXene via H2O-Assisted Supercritical Etchi	Small Methods	2023	Tang, Qi; Wang, Yongbin;	Tang, Qi (Southwest Jiaotong Univ https://app.dimensions.ai/details/publication/pub.1165656196
10.1002/adem.202301137	Electrochemical Additive Manufacturing of Living Bioelectrodes Having Intimate	Advanced Engineering Materials	2023	Elhadad, Anwar; Choi, Se	Elhadad, Anwar (State University o https://app.dimensions.ai/details/publication/pub.1165123895
10.1016/j.jeurceramsoc.2023.06.05	In-situ exsolution of PrO2−x nanoparticles boost the performance of traditional Pr0.5Sr0.5MnO3	Journal of the European Ceramic Society	2023	Zhou, Rui; Gu, Yueyuan; D	Zhou, Rui (University of South Chi https://app.dimensions.ai/details/publication/pub.1159957494
10.1016/j.ceramint.2023.08.263	Altering B-site surroundings with low-valence Cu to regulate La1.2Sr0.8NiO4+δ e	Ceramics International	2023	Jin, Chujia; Ma, Lei; Gong	Jin, Chujia (University of South Chi https://app.dimensions.ai/details/publication/pub.1163497060
10.1016/j.jallcom.2023.171169	A p-n heterostructure composite of NaCrO2 and CeO2 for intermediate tempera	Journal of Alloys and Compounds	2023	Hu, Mingsong; Chen, Mei	Hu, Mingsong (Guilin University of https://app.dimensions.ai/details/publication/pub.1160196131

10.1016/j.est.2023.108314	A comprehensive study on state-of-charge and state-of-health estimation of sod	Journal of Energy Storage	2023	Xiang, Haoxiang; Wang, Y	Xiang, Haoxiang (University of Scie https://app.dimensions.ai/details/publication/pub.1160825130
10.1016/j.molliq.2023.123186	Formulation and rheological characterization of piezoelectric nanofluids	Journal of Molecular Liquids	2023	Youssry, Mohamed; Al-Al	Youssry, Mohamed (Qatar Univers https://app.dimensions.ai/details/publication/pub.1164366429
10.1016/j.jallcom.2023.171350	Exploration of La2O3-CuO nanocomposite as an effective electrode material for	Journal of Alloys and Compounds	2023	Riyas, Z. Mohamed; Priya	Riyas, Z. Mohamed (Alagappa Uni https://app.dimensions.ai/details/publication/pub.1160657069
10.1016/j.materresbull.2023.11244	In-situ synthesis of novel multifunctionally linked tin oxide on holy reduced grap	Materials Research Bulletin	2023	Subramaniyan, Pulikkutty	Subramaniyan, Pulikkutty (Nation https://app.dimensions.ai/details/publication/pub.1160643907
10.1016/j.electacta.2023.143122	Mitigating water-related challenges in aqueous zinc-ion batteries through ether-	Electrochimica Acta	2023	Motlagh, Shiva Rezaei; Kh	Motlagh, Shiva Rezaei (Chulalongk https://app.dimensions.ai/details/publication/pub.1163751694
10.1016/j.chemosphere.2023.1405	Rapid and sensitive electrochemical detection of oxidized form of glutathione in	Chemosphere	2023	Nagabooshanam, Shalini;	Nagabooshanam, Shalini (SRM Ins https://app.dimensions.ai/details/publication/pub.1165137870
10.1021/acsaem.3c02167	Scheme Z Pd-NPs Embedded in 3DOM-LaCoO3-Dispersed pCN Heterojunction fo	ACS Applied Energy Materials	2023	Chen, Rui; Wang, Ying-Yir	Chen, Rui (Fujian Institute of Rese https://app.dimensions.ai/details/publication/pub.1165079935
10.1002/smtd.202300888	An A2B2O7-Type High-Entropy Oxide for Efficient Photoelectrochemical Photodi	Small Methods	2023	Wang, Dan; Xu, Yiguo; Zh	Wang, Dan (University of South Ch https://app.dimensions.ai/details/publication/pub.1164910307
10.48550/arxiv.2310.03198	Photoconductive Effects in Single Crystals of BaZrS$_3$	arXiv	2023	Zhao, Boyang; Chen, Hua	Zhao, Boyang (); Chen, Huandong https://app.dimensions.ai/details/publication/pub.1164748389
10.1002/adsu.202300357	A Transient Spore-Forming Microbial Fuel Cell with Extracellularly Biosynthesize	Advanced Sustainable Systems	2023	Rezaie, Maryam; Rafiee, A	Rezaie, Maryam (State University https://app.dimensions.ai/details/publication/pub.1164678485
10.1016/j.mseb.2023.116707	Efficient passivation of porous silicon with LaF3 by deep eutectic solvent based r	Materials Science and Engineering B	2023	Rahman, Hafijur; Ahmme	Rahman, Hafijur (Pabna University https://app.dimensions.ai/details/publication/pub.1160386177
10.1016/j.jpowsour.2023.233381	An efficient multi-point impedance method for real-time monitoring the workin	Journal of Power Sources	2023	Dong, Lexian; Zheng, Qun	Dong, Lexian (Guangdong Univers https://app.dimensions.ai/details/publication/pub.1160410947
10.1016/j.surfin.2023.103195	Ternary MnFeZn layered double hydroxides as an efficient material for the elect	Surfaces and Interfaces	2023	Tharuman, Sharmila; Nat	Tharuman, Sharmila (National Tai https://app.dimensions.ai/details/publication/pub.1162659422
10.1016/j.apenergy.2023.121564	High current density charging of zinc-air flow batteries: Investigating the impact	Applied Energy	2023	Khezri, Ramin; Motlagh, S	Khezri, Ramin (Chulalongkorn Uni https://app.dimensions.ai/details/publication/pub.1160681989
10.1016/j.matchemphys.2023.1281	Graphene-silver nano-ink for inkjet printing of paper electrode for electrochemi	Materials Chemistry and Physics	2023	Monisha; Kant, Tushar; Ti	Monisha (Pandit Ravishankar Shuk https://app.dimensions.ai/details/publication/pub.1160419648
10.1016/j.electacta.2023.143008	Highly performed electrochemical activities of hybrid supercapacitors based on	Electrochimica Acta	2023	Dhamodharan, K; Singh, A	Dhamodharan, K (Vellore Institute https://app.dimensions.ai/details/publication/pub.1163194507
10.1080/10584587.2023.2234582	Glass-Ceramic Na3+x[(Zr/Cr)x(Sc/Ti)2-x(PO4)3 Electrolyte Materials for Na-Ion F	Integrated Ferroelectrics	2023	Gandi, Shyam Sundar; Ka	Gandi, Shyam Sundar (Jawaharlal https://app.dimensions.ai/details/publication/pub.1164528454
10.1007/s10008-023-05671-y	Electrochemical reduction of CO2 to C2 products—effect of surfactant on coppe	Journal of Solid State Electrochemistry	2023	Stalinraja, Abinaya; Gopa	Stalinraja, Abinaya (SRM Institute https://app.dimensions.ai/details/publication/pub.1164204602
10.1039/d3dt02222f	Porous Ni 3 Fe intermetallic compounds as efficient and stable catalysts for the h	Dalton Transactions	2023	Li, Li; Bai, Zhongzhe; Gao, Li, Li (Central South University); Ba	https://app.dimensions.ai/details/publication/pub.1163120051
10.1002/sus2.156	A real proton-conductive, robust, and cobalt-free cathode for proton-conducting	SusMat	2023	Yin, Yanru; Xiao, Dongdor	Yin, Yanru (University of South Chi https://app.dimensions.ai/details/publication/pub.1164043383
10.1039/d3se00472d	A bifunctional electrocatalyst for alkaline seawater splitting using ruthenium do	Sustainable Energy & Fuels	2023	Sadhanala, Hari Krishna;	Sadhanala, Hari Krishna (Bar-Ilan U https://app.dimensions.ai/details/publication/pub.1162861027
10.1080/15567036.2023.2252778	NiO & CuO nanocomposites coated photoanode for conversion of CO2 into solar	Energy Sources Part A Recovery Utilization an	2023	Kudchikar, Tushar; Moha	Kudchikar, Tushar (National Institu https://app.dimensions.ai/details/publication/pub.1163762155
10.1016/j.jallcom.2023.170199	Sulfur vacancy MoS2 for electrocatalytic reduction of nitrate to ammonia with e	Journal of Alloys and Compounds	2023	Wang, Jiali; Sun, Zijun; Li,	Wang, Jiali (Taiyuan University of https://app.dimensions.ai/details/publication/pub.1157645243
10.1016/j.jechem.2023.05.003	Facet effect on the reconstructed Cu-catalyzed electrochemical hydrogenation o	Journal of Energy Chemistry	2023	Li, Mengxia; Zheng, Tianx	Li, Mengxia (Fujian Normal Univer https://app.dimensions.ai/details/publication/pub.1158196487
10.1016/j.electacta.2023.142668	Low-valence Cu+-tailoring La0.5Sr1.5MnO4 as a novel single-phase cathode for p	Electrochimica Acta	2023	Yang, Dandan; Gong, Jun	Yang, Dandan (University of South https://app.dimensions.ai/details/publication/pub.1158506518
10.1016/j.solidstatesciences.2023.1	Synthesis and characterization of CoMn2O4 spinel onto flexible stainless-steel m	Solid State Sciences	2023	Aouini, Souha; Bardaoui,	Aouini, Souha (Research and Tech https://app.dimensions.ai/details/publication/pub.1163226967
10.1002/cphc.202300117	Enhanced Four-Electron Selective Oxygen Reduction Reaction at Carbon-Nanotu	ChemPhysChem	2023	Yadav, Mamta; Singh, De	Yadav, Mamta (Banaras Hindu Uni https://app.dimensions.ai/details/publication/pub.1160809735
10.1002/app.54584	Development of novel composite bipolar plates using surface-modified conducti	Journal of Applied Polymer Science	2023	Mathew, Cijo; Mohamed,	Mathew, Cijo (National Institute o https://app.dimensions.ai/details/publication/pub.1163434817
10.1038/s41467-023-40825-6	Proton-controlled molecular ionic ferroelectrics	Nature Communications	2023	Huang, Yulong; Gottfried,	Huang, Yulong (State University of https://app.dimensions.ai/details/publication/pub.1163379609
10.1109/ifetc57334.2023.10254851	Improving Electro-Deposition of Manganese Oxide Cathode by Chloride Anions for	Ultra-Thin Flexible Zinc Battery	2023	Luo, Shiqiang; Liu, Shiwei	Luo, Shiqiang (Zinergy Shenzhen L https://app.dimensions.ai/details/publication/pub.1164386524
10.3390/ma16165576	Controlling the Cooling Rate of Hydrothermal Synthesis to Enhance the Supercap	Materials	2023	Lu, Yang-Ming; Hong, She	Lu, Yang-Ming (National Universit https://app.dimensions.ai/details/publication/pub.1163238718
10.1007/s40843-023-2519-9	TiO2-induced electronic change in traditional La0.5Sr0.5MnO3−δ cathode allows	Science China Materials	2023	Li, Yufeng; Yu, Shoufu; Da	Li, Yufeng (University of South Chi https://app.dimensions.ai/details/publication/pub.1163401597
10.1016/j.scitotenv.2023.166082	Responses of syntrophic microbial communities and their interactions with polyv	The Science of The Total Environment	2023	Zakaria, Basem S; Azizi, S	Zakaria, Basem S (University of Alt https://app.dimensions.ai/details/publication/pub.1163035038
10.1016/j.mtnano.2023.100373	Boosting hydrogen evolution via anodic oxidation of 5-hydroxymethylfurfural in	Materials Today Nano	2023	Zhang, R.; Gao, F.; Yang, (	Zhang, R. (Yan'an University); Gao https://app.dimensions.ai/details/publication/pub.1160329034
10.1016/j.nanoen.2023.108589	Self-powered smart skins for multimodal tactile perception based on triboelectri	Nano Energy	2023	Ma, Xiaoting; Kim, Eunjor	Ma, Xiaoting (University of Hong K https://app.dimensions.ai/details/publication/pub.1159252098
10.1016/j.seppur.2023.124001	Bi3O4Br/Ti3C2 Schottky junction with enhanced active species generation for bc	Separation and Purification Technology	2023	Wang, Yuzhao; Xie, Fangx	Wang, Yuzhao (Taiyuan University https://app.dimensions.ai/details/publication/pub.1157790952
10.1021/acsami.3c06675	Optimizing Li1.3Al0.3Ti1.7(PO4)3 Particle Sizes toward High Ionic Conductivity	ACS Applied Materials & Interfaces	2023	Li, Xiaoyi; Zhou, Yongjian	Li, Xiaoyi (China University of Mini https://app.dimensions.ai/details/publication/pub.1160834986
10.1002/app.54478	Fabrication of ternary polyaniline-titanium dioxide-polypyrrole (PANI-TiO2-PPy)	Journal of Applied Polymer Science	2023	Elumalai, Priyanka; Charl	Elumalai, Priyanka (Anna Universit https://app.dimensions.ai/details/publication/pub.1160820972
10.1021/acs.jpcc.3c01773	Dual-Mode Porous and Highly Graphitized 3D Nitrogen-Doped Carbon Network	The Journal of Physical Chemistry C	2023	Dar, Mudasir; Suresh, Kar	Dar, Mudasir (Department of Cher https://app.dimensions.ai/details/publication/pub.1160764871
10.3390/su151411011	Insights on the Performance of Nickel Foam and Stainless Steel Foam Electrodes	Sustainability	2023	Santos, Ana L.; Cebola, M	Santos, Ana L. (TecnoVeritas—Ser https://app.dimensions.ai/details/publication/pub.1160734355
10.1007/s10971-023-06180-0	Construction of SnO2/MWCNT nanocomposites as electrode materials for super	Journal of Sol-Gel Science and Technology	2023	Jayanthi, P.; Saranya, G.;	Jayanthi, P. (Department of Chemi https://app.dimensions.ai/details/publication/pub.1160602737
10.3390/polym15142996	Effect of Reduction Methods on the Properties of Composite Films of Bacterial C	Polymers	2023	Jenkhongkarn, Ratchanor	Jenkhongkarn, Ratchanon (Chulalc https://app.dimensions.ai/details/publication/pub.1160618200
10.1016/j.ceramint.2023.03.286	Microwave-induced oxygen vacancy-rich surface boosts the cathode performanc	Ceramics International	2023	Wang, Lele; Zhang, Liling;	Wang, Lele (University of South Ch https://app.dimensions.ai/details/publication/pub.1156596738
10.1021/acsnano.3c03395	Detailed Analysis of the Synthesis and Structure of MAX Phase (Mo0.75V0.25)5A	ACS Nano	2023	Snyder, Rose M.; Juelshol	Snyder, Rose M. (Arizona State Un https://app.dimensions.ai/details/publication/pub.1160167209
10.1002/adfm.202303102	Organic Diamine-Regulated Vanadium Oxides as Cathode Materials for High-Per	Advanced Functional Materials	2023	Han, Xu; Qiu, Tianyu; Li, M	Han, Xu (Northeast Normal Univer https://app.dimensions.ai/details/publication/pub.1160159854
10.1109/jestpe.2023.3289063	An Intelligent Charging Scheme for Lithium-Ion Batteries of Electric Vehicles Con	IEEE Journal of Emerging and Selected Topics	2023	Tian, Jiaqiang; Yang, Duo;	Tian, Jiaqiang (Anhui University); Y https://app.dimensions.ai/details/publication/pub.1160026692
10.1007/s00339-023-06784-x	Structural and electrical behaviors of silicon nitride thin-films deposited using sp	Applied Physics A	2023	Ahmed, Sheikh Rashel Al	Ahmed, Sheikh Rashel Al (Pabna U https://app.dimensions.ai/details/publication/pub.1160021288
10.1039/d3qi00461a	Regulation of bulk reconstruction of FeNiMoO 4 via NH 3 treatment for high per	Inorganic Chemistry Frontiers	2023	Wang, Fanan; Hu, Liangga	Wang, Fanan (Fujian University of https://app.dimensions.ai/details/publication/pub.1157738480
10.1038/s42004-023-00901-w	Monolithically-stacked thin-film solid-state batteries	Communications Chemistry	2023	Futscher, Moritz H.; Brink	Futscher, Moritz H. (Swiss Federal https://app.dimensions.ai/details/publication/pub.1158624279
10.1021/acsami.3c02050	Sub-100 mA/cm2 CO2-to-CO Reduction Current Densities in Hierarchical Porous	ACS Applied Materials & Interfaces	2023	Fu, Jintao; Mooraj, Shahn	Fu, Jintao (University of Pennsylva https://app.dimensions.ai/details/publication/pub.1158633763
10.1021/acs.langmuir.3c00380	Co(II) Porphyrin-MWCNT Nanoconjugate as an Efficient and Durable Electrocata	Langmuir	2023	Tasleem, Mohammad; Ya	Tasleem, Mohammad (Indian Insti https://app.dimensions.ai/details/publication/pub.1158573558
10.1016/j.inoche.2023.110720	Investigation on ZrO2 supported CuFe2O4 based nanocomposite as a potential e	Inorganic Chemistry Communications	2023	Rushmittha, J.J.; Radhika,	Rushmittha, J.J. (University of Mac https://app.dimensions.ai/details/publication/pub.1157126112
10.5004/dwt.2023.29618	Inhibiting the growth of microbes on the air-cathode in the microbial fuel cell by	Desalination and Water Treatment	2023	Allawati, Masooma J.; Al	Allawati, Masooma J. (A'Sharqiyah https://app.dimensions.ai/details/publication/pub.1174075930
10.1016/j.xcrp.2023.101420	Salinivibrio sp. EAGSL as a halophilic and ectoine-producing bacteria for broad m	Cell Reports Physical Science	2023	Guynn, Isaac P.A.; Beaver	Guynn, Isaac P.A. (University of Ut https://app.dimensions.ai/details/publication/pub.1158186916
10.1016/j.jallcom.2023.169359	Modifying Mn-based R-P phase cathode properties for proton-conducting solid c	Journal of Alloys and Compounds	2023	Ma, Lei; Gong, Junyi; Jin,	Ma, Lei (University of South China https://app.dimensions.ai/details/publication/pub.1155517512
10.1016/j.jallcom.2023.169489	Engineering 3D graphene/siloxene hybrid membrane for flexible all-solid-state s	Journal of Alloys and Compounds	2023	Zhang, Erhui; Hu, Zhongt	Zhang, Erhui (Anhui Science and T https://app.dimensions.ai/details/publication/pub.1155808849
10.1016/j.jallcom.2023.169549	Carbon quantum dots induced one-dimensional ordered growth of single crystal	Journal of Alloys and Compounds	2023	Hao, Xinyu; Sun, Wei; Qir	Hao, Xinyu (Guilin University of Te https://app.dimensions.ai/details/publication/pub.1155979445
10.1007/s11581-023-05061-4	A flexible supercapacitor based on bamboo shoot-like NiCo2Se4 hollow nanostr	Ionics	2023	Yang, Rui; Zhang, Yu; Hua	Yang, Rui (Guilin University of Tec https://app.dimensions.ai/details/publication/pub.1158493559
10.1039/d3ta00596h	Redox-active polynaphthalimides as versatile electrode materials for high-volta	Journal of Materials Chemistry A	2023	Baskoro, Febri; Lubis, Anc	Baskoro, Febri (Institute of Chemis https://app.dimensions.ai/details/publication/pub.1157149912
10.1007/s12034-023-02961-z	Morphological and electrochemical properties of Citrullus lanatus-derived activa	Bulletin of Materials Science	2023	Shanmuga Priya, N; Math	Shanmuga Priya, N (Anna Universi https://app.dimensions.ai/details/publication/pub.1158448885
10.1021/acsomega.3c00104	Efficient BiVO4-Based Photoanode with Chemically Precipitated Hierarchical Col	ACS Omega	2023	Dell'Oro, Ruben; Sansote	Dell'Oro, Ruben (Politecnico di Mi https://app.dimensions.ai/details/publication/pub.1158402026
10.1039/d3nr00898c	Stabilizing a zinc anode via a tunable covalent organic framework-based solid el	Nanoscale	2023	Aupama, Vipada; Kao-Ian	Aupama, Vipada (Chulalongkorn U https://app.dimensions.ai/details/publication/pub.1157286501
10.1039/d3ta01014g	Unveiling the role of water in enhancing the performance of zinc-ion batteries u	Journal of Materials Chemistry A	2023	Kao-ian, Wathanyu; Sang	Kao-ian, Wathanyu (Chulalongkorn https://app.dimensions.ai/details/publication/pub.1157388298
10.1149/11106.0915ecst	Improving Gas Diffusion in Solid Oxide Cells Through Laser-Ablated Electrode Su	ECS Transactions	2023	Ganti-Agrawal, Saahir; Cc	Ganti-Agrawal, Saahir (Northwest https://app.dimensions.ai/details/publication/pub.1158201294
10.1149/11106.2131ecst	Studying the Sulfur Poisoning Mechanism of Solid Oxide Fuel Cells by Means of F	ECS Transactions	2023	Li, Xiaoxiao; Wang, Yuqin	Li, Xiaoxiao (Beijing Institute of Te https://app.dimensions.ai/details/publication/pub.1158201419
10.1149/11106.0475ecst	Phase Stability of SrTi1-XFexO3- δ Under Solid Oxide Cell Fuel-Electrode Conditi	ECS Transactions	2023	Reinke, Jakob Michael; Sc	Reinke, Jakob Michael (Northwest https://app.dimensions.ai/details/publication/pub.1158201250
10.1149/11106.1917ecst	Life Testing and Redox Cycling of Ni- and Ru-Doped Strontium Iron Titanate Exso	ECS Transactions	2023	Zhang, Yubo; Horlick, San	Zhang, Yubo (Northwestern Unive https://app.dimensions.ai/details/publication/pub.1158201397
10.1149/11106.1907ecst	Microstructural Changes in Ni-YSZ Electrodes Operated in Fuel Cell and Electroly	ECS Transactions	2023	Cox, Dalton; Barnett, Scot	Cox, Dalton (Northwestern Univer https://app.dimensions.ai/details/publication/pub.1158201396

10.1002/admt.202300396	Micropatternable Janus Paper as a Wearable Skin Patch for Sweat Collection and	Advanced Materials Technologies	2023	Gao, Yang; Choi, Seokheu	Gao, Yang (State University of Nev
10.1007/s10904-023-02685-x	Investigations on Polypyrrole/Prussian Blue/Ruthenium Dioxide Based Ternary N	Journal of Inorganic and Organometallic Polyn	2023	Gunasekaran, Roshini; Ch	Gunasekaran, Roshini (Anna Unive
10.1039/d3ma00155e	Benchmarking the performance of lithiated metal oxide interlayers at the LiCoO	Materials Advances	2023	Müller, André; Okur, Faru	Müller, André (Swiss Federal Labo
10.1016/j.biortech.2023.129136	Boosting resilience of microbial electrolysis cell-assisted anaerobic digestion of t	Bioresource Technology	2023	Huang, Qi; Liu, Yang; Dha	Huang, Qi (University of Alberta);
10.3390/catal13050857	The Construction of p/n-Cu2O Heterojunction Catalysts for Efficient CO2 Photoe	Catalysts	2023	Zhou, Qianqian; Chen, Ya	Zhou, Qianqian (Fuzhou University
10.3390/ma16093566	Encapsulation of Silicon Nano Powders via Electrospinning as Lithium Ion Batter	Materials	2023	Xiong, Man; Bie, Xuan; Dc	Xiong, Man (Wuhan University; Hu
10.1016/j.chemosphere.2023.1388:	A selective analysis of sulfamethoxazole – Trimethoprim in tablet formulations u	Chemosphere	2023	Kumar, P. Senthil; Padma	Kumar, P. Senthil (Anna University
10.1021/acs.cgd.3c00343	On-Site H2O2 Synthesis Using a Series of Ni(II) Furan-2-thiocarboxylate Complex	Crystal Growth & Design	2023	Kumar, Krishna; Singh, De	Kumar, Krishna (Banaras Hindu Ur
10.1016/j.jelechem.2023.117392	Fast ion conduction and stable [Na-Si-P] glass-ceramic solid electrolyte mixed wi	Journal of Electroanalytical Chemistry	2023	Katta, Vamsi Krishna; Kat	Katta, Vamsi Krishna (Department
10.1016/j.ijhydene.2023.01.217	Enhanced alkaline/seawater hydrogen evolution reaction performance of NiSe2	International Journal of Hydrogen Energy	2023	Dang, Yuechen; Wang, Gu	Dang, Yuechen (Yan'an University)
10.1016/j.cej.2023.142600	A high-energy/power and ultra-stable aqueous ammonium ion microbattery bas	Chemical Engineering Journal	2023	Shi, Mingxin; Zhang, Yuek	Shi, Mingxin (Northeast Normal U
10.1016/j.corsci.2023.111020	Corrosion of plasma sputtering medium entropy alloy thin film: A multidisciplina	Corrosion Science	2023	Chuang, Kai-Chi; Chang, Y	Chuang, Kai-Chi (National Taiwan
10.1021/acsami.3c01670	Investigating the Electrochemically Driven Capture and Release of Long-Chain Pf	ACS Applied Materials & Interfaces	2023	Medina, Paola Baldaguez	Medina, Paola Baldaguez (Univers
10.1002/smll.202300663	Ultrafast and Ultralarge Lithium-Ion Storage Enabled by Fluorine-Nitrogen Co-In	Small	2023	Hou, Qing; Hu, Ajuan; Ni,	Hou, Qing (State Key Laboratory o
10.1039/d3gc00324h	Electrochemical conversion of lignin to short-chain carboxylic acids	Green Chemistry	2023	Sun, Shirong; Qiu, Xueqin	Sun, Shirong (Guangdong Universi
10.1007/s10008-023-05475-0	Evaluation of pH-sensitive nanocontainers composed of hierarchical ZnO mesop	Journal of Solid State Electrochemistry	2023	Méndez-Figueroa, Henev	Méndez-Figueroa, Henevith G. (Ur
10.1149/1945-7111/acc97e	Nitric Oxide as a Signaling Molecule for Biofilm Formation and Dispersal in Medi	Journal of The Electrochemical Society	2023	Beaver, Kevin; Dantanara	Beaver, Kevin (University of Utah)
10.1021/acssuschemeng.3c00213	Additive Engineering Enables Ionic-Liquid Electrolyte-Based Supercapacitors To l	ACS Sustainable Chemistry & Engineering	2023	Jiang, Xinglin; Wu, Xinzhe	Jiang, Xinglin (Southwest Jiaotong
10.1021/acs.energyfuels.2c04138	Composite Metal–Organic Framework-Derived NiCoP/MoS2 Heterostructure wi	Energy & Fuels	2023	Bhat, Sajad; Banday, Javic	Bhat, Sajad (National Institute of T
10.1002/smll.202301135	Moisture-Enabled Germination of Heat-Activated Bacillus Endospores for Rapid	Small	2023	Rezaie, Maryam; Choi, Se	Rezaie, Maryam (State University
10.1002/adfm.202213362	Neuromorphic Carbon for Fast and Durable Potassium Storage	Advanced Functional Materials	2023	Shen, Mengkang; Ding, H	Shen, Mengkang (Hunan Universit
10.1002/adfm.202214274	Toward the Practical and Scalable Fabrication of Sulfide-Based All-Solid-State Ba	Advanced Functional Materials	2023	Jing, Shenghao; Shen, Hu	Jing, Shenghao (Central South Uni
10.3390/molecules28062433	Cerium Synchronous Doping in Anatase for Enhanced Photocatalytic Hydrogen P	Molecules	2023	Tong, Mei-Hong; Chen, Ya	Tong, Mei-Hong (Fuzhou Universit
10.1016/j.envres.2023.115570	Development of in-situ electrochemical heavy metal ion sensor using integrated	Environmental Research	2023	Bhuvaneswari, K.; Radha,	Bhuvaneswari, K. (Anna University
10.1016/j.apsusc.2022.155863	Organic-inorganic interlayer enabling the stability of PVDF-HFP modified Li meta	Applied Surface Science	2023	Yuan, Dong; Ji, Chenhao;	Yuan, Dong (Guilin University of Te
10.1038/s41467-023-36318-1	Coupling nitrate capture with ammonia production through bifunctional redox-e	Nature Communications	2023	Kim, Kwiyong; Zagalskaya	Kim, Kwiyong (University of Illinoi
10.1149/11001.0177ecst	Electrochemical Evaluation of the Metal-Media Interface of a Calcareous-Forme	ECS Transactions	2023	Rico, Juan Pablo; Martíne	Rico, Juan Pablo (Universidad Vera
10.1149/11001.0237ecst	Electrochemical Study of a Hydrophobic Film of γ-Al2O3/Hdtms on Low Carbon S	ECS Transactions	2023	Martínez, Luis Jesús Torre	Martínez, Luis Jesús Torres (Unive
10.3390/batteries9020129	Data-Driven Battery Aging Mechanism Analysis and Degradation Pathway Predic	Batteries	2023	Xu, Ruilong; Wang, Yujie;	Xu, Ruilong (University of Science
10.1149/1945-7111/acbb30	A Method for Time-Resolved Characterization of Polarization-Induced Solid Oxid	Journal of The Electrochemical Society	2023	Cox, Dalton M.; Barnett, S	Cox, Dalton M. (Northwestern Uni
10.1016/j.nanoen.2022.108060	Probing the energy conversion and storage process in two dimensional layered I	Nano Energy	2023	Maheshwaran, G.; Prabhu	Maheshwaran, G. (Alagappa Unive
10.1002/admt.202201939	Conductive Micropatterns Containing Photoinduced In Situ Reduced Graphene C	Advanced Materials Technologies	2023	Yi, Mei; Wang, Jing; Li, An	Yi, Mei (Beijing Normal University
10.1007/s10854-022-09617-4	Study of the morphological, structural and photophysical properties of surfactan	Journal of Materials Science: Materials in Elec	2023	Bhuvaneswari, K.; Radha,	Bhuvaneswari, K. (Anna University
10.3390/w15030439	Desalinating Real Shale Gas Wastewater by Membrane Distillation: Performance	Water	2023	Wang, Yuting; Zhang, Hac	Wang, Yuting (Chongqing Universi
10.1016/j.matlet.2022.133341	MnO2 decorated Prussian blue analogues as high-performance supercapacitor e	Materials Letters	2023	Guo, Rongshuo; Yang, Hu	Guo, Rongshuo (University of Sout
10.1016/j.seppur.2022.122316	Rational design of ultrafine cobalt free electrospun nanofibers as efficient and di	Separation and Purification Technology	2023	Zhou, Jian; Liu, Tong; Zha	Zhou, Jian (Wuhan University); Liu
10.1016/j.jpowsour.2022.232299	Fluorinated ether decomposition in localized high concentration electrolytes	Journal of Power Sources	2023	May, Richard; Hestenes, J	May, Richard (Columbia University
10.1016/j.ijhydene.2022.09.216	Catalytic performance of rGO-Zeolite modified anode in clay biophotovotaics sy	International Journal of Hydrogen Energy	2023	Gunaseelan, K.; Jadhav, D	Gunaseelan, K. (Pondicherry Unive
10.1016/j.mset.2023.04.003	Carboxymethyl cellulose as an artificial solid electrolyte interphase for stable zin	Materials Science for Energy Technologies	2023	Tangthuam, Phonapha; K	Tangthuam, Phonapha (Chulalong
10.3390/molecules27249050	Cerium-Doped Iron Oxide Nanorod Arrays for Photoelectrochemical Water Splitti	Molecules	2022	Zhao, Hai-Peng; Zhu, Mei	Zhao, Hai-Peng (Jiangxi University
10.1039/d2nj04470f	Enhanced photoelectrochemical water oxidation over a surface-hydroxylated Bi	New Journal of Chemistry	2022	Li, Yaru; Xie, Fangxia; Sun	Li, Yaru (Taiyuan University of Tec
10.1002/aenm.202202756	Lithium-Rich Li2TiS3 Cathode Enables High-Energy Sulfide All-Solid-State Lithium	Advanced Energy Materials	2022	Hu, Yaqi; Sun, Zhen; Zhan	Hu, Yaqi (Central South University
10.3390/en15249352	ZnMn2O4 Nanopyramids Fabrication by Hydrothermal Route: Effect of Reaction	Energies	2022	Aouini, Souha; Bardaoui,	Aouini, Souha (Research and Tech
10.1038/s41598-022-25763-5	Compressed composite carbon felt as a negative electrode for a zinc–iron flow b	Scientific Reports	2022	Saupsor, Janenipa; Sangs	Saupsor, Janenipa (Chulalongkorn
10.3390/catal12121600	Excessive Na-Doped La0.75Sr0.25Cr0.5Fe0.4Cu0.1O3-δ Perovskite as an Additio	Catalysts	2022	Li, Mingfei; Dong, Jiangbc	Li, Mingfei (Guangdong Energy Gr
10.1016/j.jssc.2022.123610	Cracked spindle morphology of MIL-101(Fe) for improved photocatalytic nitroge	Journal of Solid State Chemistry	2022	Guo, Lijun; Li, Feifei; Liu, J	Guo, Lijun (Taiyuan University of T
10.1016/j.jelechem.2022.116931	Ultra-low palladium engineered nickel sulfide heterostructure supported on 3D	Journal of Electroanalytical Chemistry	2022	Sadhanala, Hari Krishna; (	Sadhanala, Hari Krishna (Bar-Ilan U
10.1016/j.nanoen.2022.107923	A wearable, disposable paper-based self-charging power system integrating swe	Nano Energy	2022	Gao, Yang; Rezaie, Marya	Gao, Yang (State University of Nev
10.1016/j.jwpe.2022.103249	Fouling behavior of anion-exchange membrane during electrodialysis of biogas s	Journal of Water Process Engineering	2022	Xiang, Wenyu; Zhou, Buh	Xiang, Wenyu (Chongqing Univers
10.1016/j.jallcom.2022.166996	In-situ growth of KCu7S4@CoMoO4 core-shell structure on Ni foam for high per	Journal of Alloys and Compounds	2022	Yang, Rui; Zhang, Yu; Hua	Yang, Rui (Guilin University of Tec
10.1016/j.jpowsour.2022.232189	Effect of Gd-doped ceria infiltration into Ni-YSZ on reversible solid oxide cell ope	Journal of Power Sources	2022	Grimes, Jerren; Hong, Jur	Grimes, Jerren (Northwestern Uni
10.1016/j.est.2022.106057	Enhanced electrochemical activity of ternary Co-Mn-Zn oxide for the fabrication	Journal of Energy Storage	2022	Suganya, S.; Maheshwara	Suganya, S. (Alagappa University);
10.1016/j.jpowsour.2022.232073	Y2Mo3O12–Ba0.5Sr0.5Co0.8Fe0.2O3-δ cathode catalyst for proton-conducting s	Journal of Power Sources	2022	Lin, Peiyi; Xu, Xi; Yu, Shou	Lin, Peiyi (University of South Chin
10.1016/j.mtchem.2022.101136	HMTA-assisted synthesis of praseodymium oxide nanostructures integrated mul	Materials Today Chemistry	2022	Nataraj, N.; Kubendhiran,	Nataraj, N. (National Taipei Unive
10.1016/j.est.2022.105900	Fabrication of self charging supercapacitor based on two dimensional bismuther	Journal of Energy Storage	2022	Maheshwaran, G.; Pandi,	Maheshwaran, G. (Alagappa Unive
10.1007/s40843-022-2240-y	Gluing Ba0.5Sr0.5Co0.8Fe0.2O3–δ with Co3O4 as a cathode for proton-conducti	Science China Materials	2022	Yang, Xuan; Yin, Yanru; Yu	Yang, Xuan (University of South Ch
10.1039/d2gc02683j	Enhanced photocatalytic ammonia synthesis over a Bi/carbon cloth float: tripha	Green Chemistry	2022	Li, Yaru; Liu, Jianxin; Sun,	Li, Yaru (Taiyuan University of Tec
10.1002/aenm.202202581	A Biobattery Capsule for Ingestible Electronics in the Small Intestine: Biopower f	Advanced Energy Materials	2022	Rezaie, Maryam; Rafiee, A	Rezaie, Maryam (State University
10.1021/acs.energyfuels.2c03153	Inherent Heteroatom-enriched Amorphous Carbon as High-performance Electro	Energy & Fuels	2022	Ragul, Sivasubramaniam;	Ragul, Sivasubramaniam (Pondich
10.1021/acsanm.2c04139	Rational Design of Nanostructured Copper Phosphate Nanoflakes Supported Nic	ACS Applied Nano Materials	2022	Santhan, Aravindan; Hwa	Santhan, Aravindan (National Taip
10.1038/s41467-022-34874-6	Molecular magneto-ionic proton sensor in solid-state proton battery	Nature Communications	2022	Hu, Yong; Guo, Zipeng; Cl	Hu, Yong (State University of New
10.1007/s40145-022-0651-x	Taking advantage of Li-evaporation in LiCoO2 as cathode for proton-conducting	Journal of Advanced Ceramics	2022	Xu, Yangsen; Yu, Shoufu;	Xu, Yangsen (University of South C
10.1016/j.ceramint.2022.08.262	A new CoFe1.9Li0.1O4 spinel oxide cathode for proton-conducting solid oxide fu	Ceramics International	2022	Yang, Xuan; Xu, Yangsen;	Yang, Xuan (University of South Ch
10.1016/j.electacta.2022.141078	Electrochemical reduction of CO2 on Cu doped titanium nanotubes—An insight i	Electrochimica Acta	2022	Stalinraja, Abinaya; Gopa	Stalinraja, Abinaya (SRM Institute
10.1021/acsami.2c13821	Reduced Graphene Oxide Quantum Dot Light Emitting Diodes Fabricated Using a	ACS Applied Materials & Interfaces	2022	Wang, Jing; Yi, Mei; Xin, Y	Wang, Jing (Beijing Normal Univer
10.1021/acsami.2c09576	Molecular Design and Preparation of Protein-Based Soft Ionic Conductors with T	ACS Applied Materials & Interfaces	2022	Yu, Xin; Hu, Yang; Shi, Ha	Yu, Xin (Westlake University); Hu,
10.1039/d1en01008e	Strontium vanadate-supported graphitic carbon nitride nanocomposite for simu	Environmental Science Nano	2022	Nataraj, Nandini; Chen, S	Nataraj, Nandini (National Taipei U
10.3390/membranes12100984	Development of a New Hydrogel Anion Exchange Membrane for Swine Wastew	Membranes	2022	Babiak, Peter; Schaffer-H	Babiak, Peter (Okinawa Institute o

10.31635/ccschem.022.202202276	N-Heterocycles Extended π-Conjugation Enables Ultrahigh Capacity, Long-Lived,	CCS Chemistry	2022	Peng, Huiling; Xiao, Jin; W Peng, Huiling (State Key Laborator https://app.dimensions.ai/details/publication/pub.1150760460
10.1016/j.envres.2022.114463	Experimental investigation of the electrochemical detection of sulfamethoxazol	Environmental Research	2022	Ramya, M; Kumar, P Sent Ramya, M (Anna University, Chen https://app.dimensions.ai/details/publication/pub.1151613607
10.1016/j.ceramint.2022.04.209	Electrochemical investigation on hierarchical sea urchin shaped zinc nickel selen	Ceramics International	2022	Priyadharshini, M.; Pazha Priyadharshini, M. (Periyar Univer https://app.dimensions.ai/details/publication/pub.1147403675
10.1016/j.seta.2022.102444	Ruthenium dioxide anchored on reduced graphene oxide nanocomposite for 1.2	Sustainable Energy Technologies and Assessm	2022	Shankar, V. Uma; Kumar, Shankar, V. Uma (Anna University, https://app.dimensions.ai/details/publication/pub.1148872807
10.1016/j.memsci.2022.120986	Unravelling the fouling behavior of anion-exchange membrane (AEM) by organi	Journal of Membrane Science	2022	Xiang, Wenyu; Yao, Jingm Xiang, Wenyu (Chongqing Univers https://app.dimensions.ai/details/publication/pub.1150917981
10.1016/j.cej.2022.136924	Rationally designed bilayer heterojunction electrode to realize multivalent ion ir	Chemical Engineering Journal	2022	Ezhilmaran, Bhuvaneshw Ezhilmaran, Bhuvaneshwari (SRM https://app.dimensions.ai/details/publication/pub.1147759483
10.1021/acsami.2c13503	Integrated Papertronic Techniques: Highly Customizable Resistor, Supercapacitc	ACS Applied Materials & Interfaces	2022	Landers, Mya; Elhadad, A Landers, Mya (State University of I https://app.dimensions.ai/details/publication/pub.1151374963
10.1039/d2dt02080g	Electrochemical tuning of a Cu 3 P/Ni 2 P hybrid for a promoted hydrogen evolu	Dalton Transactions	2022	Guo, Jiaqian; Zhan, Zhenx Guo, Jiaqian (State Key Laboratory https://app.dimensions.ai/details/publication/pub.1150818784
10.1021/acsami.2c05424	Composite Indium Tin Oxide Nanofibers with Embedded Hematite Nanoparticle	ACS Applied Materials & Interfaces	2022	Elishav, Oren; Stone, Dav Elishav, Oren (Technion Israel Inst https://app.dimensions.ai/details/publication/pub.1150931702
10.1021/acs.energyfuels.2c02321	Two-Dimensional Layered Bismuthene/Antimonene Nanocomposite as a Potent	Energy & Fuels	2022	Girirajan, Maheshwaran; Girirajan, Maheshwaran (Alagapp https://app.dimensions.ai/details/publication/pub.1150892352
10.1002/slct.202202011	Structure-Activity Relationships of a Ni-MOF, a Ni-MOF-rGO, and pyrolyzed Ni/C	ChemistrySelect	2022	Haroon, Haamid; Wahid, Haroon, Haamid (National Institut https://app.dimensions.ai/details/publication/pub.1150689330
10.1002/aenm.202201750	Unlocking Stable Multi-Electron Cycling in NMC811 Thin-Films between 1.5 – 4.7	Advanced Energy Materials	2022	Aribia, Abdessalem; Sastr Aribia, Abdessalem (Swiss Federal https://app.dimensions.ai/details/publication/pub.1150701664
10.1016/j.jpowsour.2022.231844	Rigorous assessment of electrochemical rechargeability of alkaline Zn-air batteri	Journal of Power Sources	2022	Zhao, Zhongxi; Yu, Wenta Zhao, Zhongxi (University of Scien https://app.dimensions.ai/details/publication/pub.1149590633
10.1016/j.est.2022.104988	Synergistic effect of La2o3 -Nio nanocomposite based electrode for electrochem	Journal of Energy Storage	2022	Riyas, Z. Mohamed; Priya Riyas, Z. Mohamed (Alagappa Uni https://app.dimensions.ai/details/publication/pub.1148693933
10.1016/j.msea.2022.143764	Effects of cryorolling, room temperature rolling and aging treatment on mechan	Materials Science and Engineering A	2022	Xiong, Hanqing; Zhou, Yu Xiong, Hanqing (Changsha Univers https://app.dimensions.ai/details/publication/pub.1150130257
10.1016/j.electacta.2022.140838	Two dimensional layered bismuthene nanosheets with ultra-fast charge transfer	Electrochimica Acta	2022	Girirajan, Maheshwaran; Girirajan, Maheshwaran (Alagapp https://app.dimensions.ai/details/publication/pub.1149408005
10.1016/j.electacta.2022.140714	Effectiveness of biophotovoltaics system modified with fuller-clay composite se	Electrochimica Acta	2022	Gunaseelan, K.; Jadhav, D Gunaseelan, K. (Pondicherry Univ https://app.dimensions.ai/details/publication/pub.1148617726
10.1016/j.colsurfa.2022.129376	Promising aqueous dispersions of carbon black for semisolid flow battery applic	Colloids and Surfaces A Physicochemical and E	2022	Meslam, Mentallah; Elzat Meslam, Mentallah (Qatar Univer https://app.dimensions.ai/details/publication/pub.1148403196
10.1021/acsnano.2c05445	Cytomembrane-Inspired MXene Ink with Amphiphilic Surfactant for 3D Printed M	ACS Nano	2022	Shi, Ge; Zhu, Yuxuan; Batı Shi, Ge (State Key Laboratory of Pu https://app.dimensions.ai/details/publication/pub.1150462394
10.1007/s11164-022-04815-5	Preparation and photocatalytic performance research of Bi2WO6/UiO-66-NH2 c	Research on Chemical Intermediates	2022	Gao, Yuan; Zhao, Shan; Li Gao, Yuan (Taiyuan University of T https://app.dimensions.ai/details/publication/pub.1150357849
10.3390/sym14081676	Development of an Aspen Plus® Model for the Process of Hydrogen Production I	Symmetry	2022	Gonçalves, José R. M.; Ce Gonçalves, José R. M. (University (https://app.dimensions.ai/details/publication/pub.1150289816
10.1063/5.0102197	Effect of multi-wall carbon nanotubes on electrochemical performances of MnO	AIP Advances	2022	Singhal, Rahul; Saini, Bhaı Singhal, Rahul (Central Connecticu https://app.dimensions.ai/details/publication/pub.1150074827
10.1016/j.cej.2022.136177	Intermittent energization catalyzes direct interspecies electron transfer in electr	Chemical Engineering Journal	2022	Zakaria, Basem S.; Dhar, E Zakaria, Basem S. (University of Al https://app.dimensions.ai/details/publication/pub.1146857133
10.1016/j.jelechem.2022.116536	Zn(II) porphyrin-based polymer facilitated electrochemical synthesis of green hy	Journal of Electroanalytical Chemistry	2022	Singh, Varsha; Thakur, Pr Singh, Varsha (Banaras Hindu Uni https://app.dimensions.ai/details/publication/pub.1148786595
10.1016/j.ensm.2022.04.032	Three-functional ether-based co-solvents for suppressing water-induced parasiti	Energy Storage Materials	2022	Miao, Licheng; Wang, Rer Miao, Licheng (Shenzhen Universit https://app.dimensions.ai/details/publication/pub.1147290166
10.1039/d2ta02843c	Influence of amorphous carbon interlayers on nucleation and early growth of litl	Journal of Materials Chemistry A	2022	Futscher, Moritz H.; Amel Futscher, Moritz H. (Swiss Federal https://app.dimensions.ai/details/publication/pub.1149113401
10.1002/sus2.79	Tailoring cobalt-free La0.5Sr0.5FeO3-δ cathode with a nonmetal cation-doping s	SusMat	2022	Yin, Yanru; Dai, Hailu; Yu, Yin, Yanru (University of South Chi https://app.dimensions.ai/details/publication/pub.1149757785
10.1016/j.fct.2022.113311	Investigation of Nafion coated GO-ZnO nanocomposite behaviour for sulfameth	Food and Chemical Toxicology	2022	Kumar, P. Senthil; Sreeja, Kumar, P. Senthil (Anna University https://app.dimensions.ai/details/publication/pub.1149555837
10.1016/j.biomaterials.2022.12167	Debulking different Corona (SARS-CoV-2 delta, omicron, OC43) and Influenza (H	Biomaterials	2022	Daniell, Henry; Nair, Smr Daniell, Henry (University of Penn https://app.dimensions.ai/details/publication/pub.1149535523
10.1016/j.jpowsour.2022.231556	Improvement of lithium-metal electrode performance of all-solid-state batteries	Journal of Power Sources	2022	Kodama, M.; Takashima, Kodama, M. (Institute of Science T https://app.dimensions.ai/details/publication/pub.1147655204
10.1016/j.jpowsour.2022.231487	Plug-and-play modular biobatteries with microbial consortia	Journal of Power Sources	2022	Elhadad, Anwar; Liu, Lin; Elhadad, Anwar (State University (https://app.dimensions.ai/details/publication/pub.1147285501
10.1016/j.ceramint.2022.03.098	Enhancing the performance of traditional La2NiO4+x cathode for proton-conduc	Ceramics International	2022	Yang, Xuan; Xu, Xi; Wu, Sl Yang, Xuan (University of South Ch https://app.dimensions.ai/details/publication/pub.1146287237
10.1016/j.susmat.2022.e00409	A new Sc-doped La0.5Sr0.5MnO3-δ cathode allows high performance for proton	Sustainable Materials and Technologies	2022	Dai, Hailu; Yin, Yanru; Li, Dai, Hailu (Yancheng Institute of T https://app.dimensions.ai/details/publication/pub.1145751937
10.1021/acssynbio.2c00024	Light-Induced Patterning of Electroactive Bacterial Biofilms	ACS Synthetic Biology	2022	Zhao, Fengjie; Chavez, M Zhao, Fengjie (University of South https://app.dimensions.ai/details/publication/pub.1148873551
10.1002/admi.202200513	PEDOTS:PSS@KNF Wire-Shaped Electrodes for Textile Symmetrical Capacitor	Advanced Materials Interfaces	2022	Gibertini, Eugenio; Magaj Gibertini, Eugenio (Politecnico di M https://app.dimensions.ai/details/publication/pub.1148760086
10.1016/j.electacta.2022.140344	In-situ observation of the Zn electrodeposition on the planar electrode in the alk	Electrochimica Acta	2022	Cui, Yifan; He, Yi; Yu, Wer Cui, Yifan (University of Science ar https://app.dimensions.ai/details/publication/pub.1146862550
10.1016/j.desal.2022.115708	Sustainable leachate pre-treatment using microbial desalination cell for simultar	Desalination	2022	Rahman, Sadik; Siddiqi, S Rahman, Sadik (Sultan Qaboos Un https://app.dimensions.ai/details/publication/pub.1146771407
10.1021/acsnano.2c02996	Aqueous Electrolytes with Hydrophobic Organic Cosolvents for Stabilizing Zinc M	ACS Nano	2022	Miao, Licheng; Wang, Rer Miao, Licheng (Shenzhen Universit https://app.dimensions.ai/details/publication/pub.1148217489
10.1021/acs.energyfuels.2c00604	Reinforced Hydroxylated Boron Nitride on Porous Sulfonated Poly(ether sulfone	Energy & Fuels	2022	Kumar, Gayathri Ravi; M, Kumar, Gayathri Ravi (Alagappa U https://app.dimensions.ai/details/publication/pub.1148222422
10.1088/2051-672x/ac68fd	Electroless Ni–P–B coatings on magnesium alloy AZ91D: influence of nano Al2O3	Surface Topography Metrology and Properties	2022	Lakavat, Motilal; Bhaumil Lakavat, Motilal (Lincoln Universit https://app.dimensions.ai/details/publication/pub.1147292448
10.1039/d2cy00384h	W exsolution promotes the in situ reconstruction of a NiW electrode with rich ac	Catalysis Science & Technology	2022	Xu, Gang; Chen, Chenyu; Xu, Gang (Fujian Normal Universit https://app.dimensions.ai/details/publication/pub.1147248993
10.1039/d2ee00318j	Atomically dispersed single Ni site catalysts for high-efficiency CO 2 electroredu	Energy & Environmental Science	2022	Li, Yi; Adli, Nadia Mohd; S Li, Yi (State University of New York https://app.dimensions.ai/details/publication/pub.1146764807
10.1039/d2lc00098a	Mainstreaming microfluidic microbial fuel cells: a biocompatible membrane gro	Lab on a Chip	2022	Gong, Lingling; Abbaszad Gong, Lingling (Université Laval); A https://app.dimensions.ai/details/publication/pub.1147026176
10.1002/asia.202200160	C2-Symmetric Bissulfoximine-Based Metal Complexes: Synthesis, Characterizati	Chemistry - An Asian Journal	2022	Junaid, Qazi Mohammad; Junaid, Qazi Mohammad (Pondich https://app.dimensions.ai/details/publication/pub.1147282057
10.1016/j.ceramint.2022.01.176	Ba-deficiency in BaCoO3 cathode allows high performance for proton-conductin	Ceramics International	2022	Shi, Keyou; Yin, Yanru; Ta Shi, Keyou (University of South Ch https://app.dimensions.ai/details/publication/pub.1144779147
10.1016/j.jmst.2021.08.083	Trimetallic oxyhydroxides as active sites for large-current-density alkaline oxyge	Journal of Material Science and Technology	2022	Chen, Lei; Wang, Yunpeng Chen, Lei (State Key Laboratory of https://app.dimensions.ai/details/publication/pub.1142434512
10.1016/j.apcatb.2021.120993	Large-scale synthetic Mo@(2H-1T)-MoSe2 monolithic electrode for efficient hyd	Applied Catalysis B Environment and Energy	2022	Yang, Chunming; Zhou, Li Yang, Chunming (Yan'an Universit https://app.dimensions.ai/details/publication/pub.1143577041
10.1007/s10854-022-08219-4	Hydrothermal synthesis of CuMn2O4 spinel-coated stainless steel mesh as a sup	Journal of Materials Science: Materials in Elec	2022	Aouini, Souha; Bardaoui, Aouini, Souha (Laboratory of Nanc https://app.dimensions.ai/details/publication/pub.1147320317
10.1007/s40145-022-0573-7	A high-entropy spinel ceramic oxide as the cathode for proton-conducting solid (	Journal of Advanced Ceramics	2022	Xu, Yangsen; Xu, Xi; Bi, Le Xu, Yangsen (University of South C https://app.dimensions.ai/details/publication/pub.1147247996
10.1021/acsami.2c02457	Rhenium Sulfide Incorporated in Molybdenum Sulfide Nanosheets for High-Perfi	ACS Applied Materials & Interfaces	2022	Manoj, Shanmugasundar Manoj, Shanmugasundaram (Bar-I https://app.dimensions.ai/details/publication/pub.1147058579
10.1016/j.bios.2022.114275	Enhancing quorum sensing in biofilm anode to improve biosensing of naphtheni	Biosensors and Bioelectronics	2022	Chung, Tae Hyun; Zakaria Chung, Tae Hyun (University of All https://app.dimensions.ai/details/publication/pub.1147022949
10.1149/1945-7111/ac662b	In Situ XAS Investigation of K4Fe(CN)6·xH2O and K3Fe(CN)6 Redox Activity in So	Journal of The Electrochemical Society	2022	Mansour, Azzam N.; Ko, J Mansour, Azzam N. (NSWCCD, We https://app.dimensions.ai/details/publication/pub.1147037077
10.1016/j.cap.2022.01.007	Synergistic effect of Cr2O3 and Co3O4 nanocomposite electrode for high perfor	Current Applied Physics	2022	Maheshwaran, G.; Seetha Maheshwaran, G. (Alagappa Univ https://app.dimensions.ai/details/publication/pub.1144618244
10.1016/j.ijhydene.2022.03.130	Investigation into structure and property of W and Ti co-doped SrFeO3 perovskit	International Journal of Hydrogen Energy	2022	Su, Taolong; Zhang, Tao; Su, Taolong (University of Electror https://app.dimensions.ai/details/publication/pub.1146959185
10.1016/j.matchar.2022.111819	Effect of retrogression treatment with different heating rates on microstructure,	Materials Characterization	2022	Xiong, Hanqing; Zhou, Yu Xiong, Hanqing (State Key Laborat https://app.dimensions.ai/details/publication/pub.1145778687
10.1038/s41467-022-28963-9	Epitaxial growth of an atom-thin layer on a LiNi0.5Mn1.5O4 cathode for stable L	Nature Communications	2022	Zhu, Xiaobo; Schülli, Tobi Zhu, Xiaobo (University of Queens https://app.dimensions.ai/details/publication/pub.1146502132
10.1039/d2ra00960a	Glucose hydrothermal encapsulation of carbonized silicone polyester to prepare	RSC Advances	2022	Bie, Xuan; Xiong, Man; W Bie, Xuan (Wuhan University); Xio https://app.dimensions.ai/details/publication/pub.1146544922
10.1016/j.watres.2022.118335	Molecular biology and modeling analysis reveal functional roles of propionate tc	Water Research	2022	Zakaria, Basem S; Guo, Hı Zakaria, Basem S (University of Alt https://app.dimensions.ai/details/publication/pub.1146456164
10.1016/j.isci.2022.104055	Detection of SARS-CoV-2 with RAPID: A prospective cohort study	iScience	2022	Torres, Marcelo D.T.; de L Torres, Marcelo D.T. (University of https://app.dimensions.ai/details/publication/pub.1146209577
10.1016/j.jelechem.2022.116151	On the electrooxidation of kraft black liquor on boron-doped diamond	Journal of Electroanalytical Chemistry	2022	Oliveira, Raisa C.P.; Buijn Oliveira, Raisa C.P. (University of L https://app.dimensions.ai/details/publication/pub.1145665189
10.1016/j.cej.2021.133456	Mitigating the voltage fading and air sensitivity of O3-type NaNi0.4Mn0.4Cu0.1T	Chemical Engineering Journal	2022	Zhang, Qimeng; Wang, Zh Zhang, Qimeng (Central South Uni https://app.dimensions.ai/details/publication/pub.1142418410
10.1016/j.matchemphys.2022.1258	Microstructure and discharge performance of Mg–6Al and Mg–6Al-0.5Er alloys	Materials Chemistry and Physics	2022	Xiong, Hanqing; Wang, Zh Xiong, Hanqing (Changsha Univers https://app.dimensions.ai/details/publication/pub.1145368586
10.1007/s40843-021-1935-5	Tailoring Sr2Fe1.5Mo0.5O6–δ with Sc as a new single-phase cathode for proton-	Science China Materials	2022	Zhang, Liling; Yin, Yanru; Zhang, Liling (University of South (https://app.dimensions.ai/details/publication/pub.1145878102
10.1007/s11581-022-04464-z	Exploration of O-N-S heteroatom self-doped mesoporous activated carbon deriv	Ionics	2022	Subramanian, Dhinesh; R Subramanian, Dhinesh (Pondicher https://app.dimensions.ai/details/publication/pub.1145300920
10.1149/1945-7111/ac4fee	Investigating the Electroactivity of Salinivibrio sp. EAGSL, through Electroanalyti	Journal of The Electrochemical Society	2022	Gaffney, Erin M.; Dantan Gaffney, Erin M. (University of Uta https://app.dimensions.ai/details/publication/pub.1145078513
10.3390/membranes12020164	Membrane Distillation Hybrid Peroxydisulfate Activation toward Mitigating the I	Membranes	2022	Han, Minyuan; Zhao, Ruix Han, Minyuan (Chongqing Univers https://app.dimensions.ai/details/publication/pub.1145116409
10.1002/er.7669	Revealing the effects of conductive carbon materials on the cycling stability of re	International Journal of Energy Research	2022	Zhao, Zhongxi; Yu, Wenta Zhao, Zhongxi (University of Scien https://app.dimensions.ai/details/publication/pub.1144730329
10.20964/2022.02.06	Corrosion behavior of Al-Ce alloys in 3.5%NaCl solution	International Journal of Electrochemical Scien	2022	Zhou, Xianjie; Xiong, Han Zhou, Xianjie (Shenzhen APG Mate https://app.dimensions.ai/details/publication/pub.1145566813

10.1016/j.ensm.2021.10.033	Engineering zincophilic sites on Zn surface via plant extract additives for dendrit	Energy Storage Materials	2022	Zhang, Lei; Miao, Licheng Zhang, Lei (State Key Laboratory o	https://app.dimensions.ai/details/publication/pub.1142236142
10.2139/ssrn.4139199	In-Situ Growth of Kcu7s4@Comoo4 Core-Shell Structure on Ni Foam for High Pe	SSRN Electronic Journal	2022	Yang, Rui; Zhang, Yu; Hua Yang, Rui (Guilin University of Tec	https://app.dimensions.ai/details/publication/pub.1148784404
10.2139/ssrn.4178136	Effect of Gd-Doped Ceria Infiltration into Ni-Ysz on Reversible Solid Oxide Cell O	SSRN Electronic Journal	2022	Grimes, Jerren; Hong, Jur Grimes, Jerren (affiliation not pro	https://app.dimensions.ai/details/publication/pub.1149945147
10.2139/ssrn.4162711	Fouling Behavior of Anion-Exchange Membrane During Electrodialysis of Biogas	SSRN Electronic Journal	2022	Xiang, Wenyu; Zhou, Buh Xiang, Wenyu (Chongqing Univers	https://app.dimensions.ai/details/publication/pub.1149512262
10.1101/2021.12.20.473588	Light-induced Patterning of Electroactive Bacterial Biofilms	bioRxiv	2021	Zhao, Fengjie; Chavez, M. Zhao, Fengjie (University of South	https://app.dimensions.ai/details/publication/pub.1144123151
10.1016/j.jallcom.2021.161677	Performances of Al-xLi alloy anodes for Al-air batteries in alkaline electrolyte	Journal of Alloys and Compounds	2021	Xiong, Hanqing; Wang, Zh Xiong, Hanqing (Changsha Univers	https://app.dimensions.ai/details/publication/pub.1140657839
10.1007/s40843-021-1821-4	High-performance proton-conducting solid oxide fuel cells using the first-genera	Science China Materials	2021	Wu, Shuai; Xu, Xi; Li, Xiao Wu, Shuai (University of South Chi	https://app.dimensions.ai/details/publication/pub.1143573335
10.1039/d1ew00544h	Emerging investigator series: electrochemically-mediated remediation of GenX a	Environmental Science Water Research & Tech	2021	Baldaguez Medina, Paola Baldaguez Medina, Paola (Univers	https://app.dimensions.ai/details/publication/pub.1141521646
10.1002/ente.202100343	Na–Bi–Ge Glass Anode as a High-Performance Network: Studies on Structure, Hi	Energy Technology	2021	Yerranuka, Saritha Kumar Yerranuka, Saritha Kumari (Depart	https://app.dimensions.ai/details/publication/pub.1142399867
10.4236/ajac.2021.1211027	Physical and Electrochemical Characterization of Nsutite	American Journal of Analytical Chemistry	2021	Rahul, Singhal; Jonathan, Rahul, Singhal (Central Connecticu	https://app.dimensions.ai/details/publication/pub.1142919110
10.1016/j.ijhydene.2021.09.104	Cobalt-free LaNi0.4Zn0.1Fe0.5O3-δ as a cathode for solid oxide fuel cells using p	International Journal of Hydrogen Energy	2021	Wu, Shuai; Liu, Yinhua; W Wu, Shuai (Qingdao University); Li	https://app.dimensions.ai/details/publication/pub.1141815616
10.1016/j.desal.2021.115199	Electrically conductive hydrophobic membrane cathode for membrane distillatic	Desalination	2021	Han, Minyuan; Wang, Yut Han, Minyuan (Chongqing Univers	https://app.dimensions.ai/details/publication/pub.1139276644
10.1007/s11581-021-04320-6	Improved Na+ ion storage capacity of Na2O-Bi2O3 glass anode network: effect c	Ionics	2021	Yerranuka, Saritha Kumar Yerranuka, Saritha Kumari (Depart	https://app.dimensions.ai/details/publication/pub.1141940895
10.1016/j.chemosphere.2021.1325(	A disposable modified screen-printed electrode using egg white/ZnO rice structu	Chemosphere	2021	Padmalaya, G; Vardhan, K Padmalaya, G (Anna University, Cl	https://app.dimensions.ai/details/publication/pub.1141818399
10.1016/j.matlet.2021.130191	Exploration of Cr2O3-NiO nanocomposite as a superior electrode material for su	Materials Letters	2021	Maheshwaran, G.; Selvi, (Maheshwaran, G. (Alagappa Unive	https://app.dimensions.ai/details/publication/pub.1138780560
10.1007/s10854-021-07048-1	Amorphous SnO–Sb2O3–SiO2 glassy anode: high-performance electrode materi	Journal of Materials Science: Materials in Elec	2021	Gandi, Suman; Panda, Sa Gandi, Suman (National Institute c	https://app.dimensions.ai/details/publication/pub.1141453804
10.1039/d1nj01956b	Construction of S-doped MgO coupled with g-C 3 N 4 nanocomposites with enha	New Journal of Chemistry	2021	Chen, Yuwei; Jiang, Yongf Chen, Yuwei (Hohai University; Ch	https://app.dimensions.ai/details/publication/pub.1140046198
10.1007/s11665-021-06165-6	Structural and Electrical Properties of Spin-Coated LaF3 Thin Film on Porous Silic	Journal of Materials Engineering and Performa	2021	Rahman, Md. Hafijur; Ahr Rahman, Md. Hafijur (Pabna Unive	https://app.dimensions.ai/details/publication/pub.1140944051
10.20964/2021.09.07	Effect of Solution Temperature on Corrosion Behavior of 7050 Alloy after Heat T	International Journal of Electrochemical Scien	2021	Fu, Zhuo; Xiong, Hanqing Fu, Zhuo (Changsha University); Xi	https://app.dimensions.ai/details/publication/pub.1140360982
10.1016/j.jpowsour.2021.230251	Enhanced biophotoelectricity generation in cyanobacterial biophotovoltaics with	Journal of Power Sources	2021	Liu, Lin; Choi, Seokheun Liu, Lin (State University of New Yo	https://app.dimensions.ai/details/publication/pub.1139568405
10.1016/j.vacuum.2021.110371	Facile fabrication of N-doped carbon quantum dots modified SnO2 composites fo	Vacuum	2021	Chen, Yuwei; Jiang, Yongf Chen, Yuwei (Hohai University; Ch	https://app.dimensions.ai/details/publication/pub.1138733270
10.1016/j.isci.2021.103033	Using structure-function relationships to understand the mechanism of phenazin	iScience	2021	Rhodes, Zayn; Simoska, C Rhodes, Zayn (University of Utah);	https://app.dimensions.ai/details/publication/pub.1140626734
10.1016/j.jcis.2021.08.090	Synergistic mechanism of Ni(OH)2/NiMoS heterostructure electrocatalyst with c	Journal of Colloid and Interface Science	2021	Yang, Chunming; Zhou, Li Yang, Chunming (Yan'an Universit	https://app.dimensions.ai/details/publication/pub.1140493912
10.1149/1945-7111/ac1faf	Effect of Pressurization on Solid Oxide Cell Oxygen Electrodes: the Role of PrOx	Journal of The Electrochemical Society	2021	Grimes, Jerren; Barnett, S Grimes, Jerren (Northwestern Uni	https://app.dimensions.ai/details/publication/pub.1140557480
10.26807/ia.v9i2.192	DETERMINACIÓN DE PARACETAMOL POR VOLTAMPEROMETRÍA DE ONDA CUA	infoANALÍTICA	2021	B., Hugo Romero; R., Day B., Hugo Romero (Universidad Tec	https://app.dimensions.ai/details/publication/pub.1144662575
10.1016/j.desal.2021.115036	Fouling dynamics of anion polyacrylamide on anion exchange membrane in elec	Desalination	2021	Xiang, Wenyu; Han, Miny Xiang, Wenyu (Chongqing Univers	https://app.dimensions.ai/details/publication/pub.1136232566
10.1016/j.mtphys.2021.100427	Visualizing highly selective electrochemical CO2 reduction on a molecularly disp	Materials Today Physics	2021	Li, K.; Wang, W.; Zheng, H Li, K. (University of Tennessee Knc	https://app.dimensions.ai/details/publication/pub.1137738095
10.1021/acsaem.1c01283	Flash Lamp Annealing Enables Thin-Film Solid-State Batteries on Aluminum Foil	ACS Applied Energy Materials	2021	Chen, Xubin; Sastre, Jordi Chen, Xubin (Swiss Federal Labora	https://app.dimensions.ai/details/publication/pub.1138953696
10.1039/d1se00310k	Reinforcement of a BiVO 4 anode with an Fe 2 O 3 underlayer for photoelectroch	Sustainable Energy & Fuels	2021	Ho-Kimura, SocMan; Luo, Ho-Kimura, SocMan (Institute of A	https://app.dimensions.ai/details/publication/pub.1137327669
10.1016/j.matt.2021.05.003	Low-cost biosensor for rapid detection of SARS-CoV-2 at the point of care	Matter	2021	Torres, Marcelo D T; de A Torres, Marcelo D T (University of	https://app.dimensions.ai/details/publication/pub.1137859984
10.1016/j.jtice.2021.04.054	The Pore filled SPEEK nanofibers matrix combined with ethylene diamine modifi	Journal of the Taiwan Institute of Chemical En	2021	Pugalenthi, M. Raja; Prab Pugalenthi, M. Raja (Alagappa Uni	https://app.dimensions.ai/details/publication/pub.1137861038
10.1016/j.jpowsour.2020.229424	Photonic methods for rapid crystallization of LiMn2O4 cathodes for solid-state th	Journal of Power Sources	2021	Chen, Xubin; Sastre, Jordi Chen, Xubin (Swiss Federal Labora	https://app.dimensions.ai/details/publication/pub.1136907030
10.1038/s41598-021-87118-w	Characterization and significance of extracellular polymeric substances, reactive	Scientific Reports	2021	Zakaria, Basem S.; Dhar, E Zakaria, Basem S. (University of Al	https://app.dimensions.ai/details/publication/pub.1137142043
10.2166/wst.2021.145	Effect of internal and external resistances on desalination in microbial desalinati	Water Science & Technology	2021	Rahman, Sadik; Al-Mamu Rahman, Sadik (Sultan Qaboos Un	https://app.dimensions.ai/details/publication/pub.1137152834
10.1149/1945-7111/abf215	In Situ Lithiated ALD Niobium Oxide for Improved Long Term Cycling of Layered	Journal of The Electrochemical Society	2021	Aribia, Abdessalem; Sastr Aribia, Abdessalem (Swiss Federal	https://app.dimensions.ai/details/publication/pub.1136668689
10.1016/j.jece.2020.104712	Electrooxidation studies of swine effluents before and after the anaerobic digest	Journal of Environmental Chemical Engineerir	2021	Lourinho, G.; Santos, D.M Lourinho, G. (VALORIZA - Researct	https://app.dimensions.ai/details/publication/pub.1132364461
10.1016/j.energy.2020.119682	Capacity attenuation mechanism modeling and health assessment of lithium-ior	Energy	2021	Tian, Jiaqiang; Xu, Ruilon Tian, Jiaqiang (University of Scienc	https://app.dimensions.ai/details/publication/pub.1134589243
10.1016/j.scitotenv.2021.146694	Pushing the organic loading rate in electrochemically assisted anaerobic digestic	The Science of The Total Environment	2021	Huang, Qi; Liu, Yang; Dha Huang, Qi (University of Alberta);	https://app.dimensions.ai/details/publication/pub.1136621953
10.1063/5.0039733	Epitaxial deposition of LaF3 thin films on Si using deep eutectic solvent based fa	AIP Advances	2021	Rahman, Hafijur; Ahmme Rahman, Hafijur (Pabna University	https://app.dimensions.ai/details/publication/pub.1135918036
10.1016/j.jpowsour.2021.229486	Tailoring electronic structure of perovskite cathode for proton-conducting solid o	Journal of Power Sources	2021	Xu, Xi; Xu, Yangsen; Ma, J Xu, Xi (University of South China; (	https://app.dimensions.ai/details/publication/pub.1134664238
10.1002/admi.202001706	Increasing the Hot-Electron Driven Hydrogen Evolution Reaction Rate on a Meta	Advanced Materials Interfaces	2021	Chae, Hyun Uk; Ahsan, Ra Chae, Hyun Uk (University of Sout	https://app.dimensions.ai/details/publication/pub.1135196271
10.3390/pr9020281	Coupling Microbial Electrolysis Cell and Activated Carbon Biofilter for Source-Se	Processes	2021	Dhadwal, Mayank; Liu, Ya Dhadwal, Mayank (University of A	https://app.dimensions.ai/details/publication/pub.1135094439
10.1016/j.jpowsour.2020.229271	Horizontally structured microbial fuel cells in yarns and woven fabrics for weara	Journal of Power Sources	2021	Ryu, Jihyun; Gao, Yang; Cl Ryu, Jihyun (State University of Ne	https://app.dimensions.ai/details/publication/pub.1133045287
10.1016/j.jpowsour.2020.229212	Effect of Young's modulus of active materials on ion transport through solid elec	Journal of Power Sources	2021	Ohashi, A.; Kodama, M.; H Ohashi, A. (Institute of Science Tol	https://app.dimensions.ai/details/publication/pub.1132772777
10.2139/ssrn.3969018	Glucose Hydrothermal Encapsulation of Carbonized Silicone Polyester to Prepar	SSRN Electronic Journal	2021	Bie, Xuan; Xiong, Man; W Bie, Xuan (Wuhan University); Xio	https://app.dimensions.ai/details/publication/pub.1144246506
10.2139/ssrn.3974810	Enhanced Conductivity and Durability of Low Phosphoric Acid Doped Sulfonated	SSRN Electronic Journal	2021	Gayathri, R; Cao, Guozhor Gayathri, R (Alagappa University);	https://app.dimensions.ai/details/publication/pub.1146741115
10.1016/j.biortech.2020.124564	Blending of microbial inocula: An effective strategy for performance enhanceme	Bioresource Technology	2020	Gunaseelan, K; Jadhav, Di Gunaseelan, K (Pondicherry Unive	https://app.dimensions.ai/details/publication/pub.1134142991
10.1002/chem.202004481	Dual Emission of meso-Phenyleneethynylene–BODIPY Oligomers: Synthesis, Phc	Chemistry - A European Journal	2020	Flores, J. Reyes; León, Gri Flores, J. Reyes (Consejo Nacional	https://app.dimensions.ai/details/publication/pub.1132131394
10.1016/j.ohx.2020.e00163	MYSTAT: A compact potentiostat/galvanostat for general electrochemistry meas	HardwareX	2020	Irving, P.; Cecil, R.; Yates, Irving, P. (University of Rochester)	https://app.dimensions.ai/details/publication/pub.1133488061
10.1002/ente.202000845	Mixed Polyanion Na-Mn-V-P Glass–Ceramic Cathode Network: Improved Electrc	Energy Technology	2020	Katta, Vamsi Krishna; Gar Katta, Vamsi Krishna (Department	https://app.dimensions.ai/details/publication/pub.1132779139
10.1007/s10904-020-01809-x	Microwave Thermally Assisted Porous Structured Cerium Oxide/Zinc Oxide Desi	Journal of Inorganic and Organometallic Polyn	2020	Saranya, J.; Sreeja, B. S.; F Saranya, J. (Anna University, Chen	https://app.dimensions.ai/details/publication/pub.1132665820
10.1101/2020.11.12.380824	Characterization and significance of extracellular polymeric substances, reactive	bioRxiv	2020	Zakaria, Basem S.; Dhar, E Zakaria, Basem S. (University of Al	https://app.dimensions.ai/details/publication/pub.1132648576
10.1016/j.jechem.2020.03.046	NiCoP nanoleaves array for electrocatalytic alkaline H2 evolution and overall wa	Journal of Energy Chemistry	2020	Chen, Lei; Song, Yaohao; I Chen, Lei (State Key Laboratory of	https://app.dimensions.ai/details/publication/pub.1126694991
10.1038/s41598-020-75700-7	Modification of large area Cu2O/CuO photocathode with CuS non-noble catalyst	Scientific Reports	2020	Panzeri, G.; Cristina, M.; J Panzeri, G. (Politecnico di Milano)	https://app.dimensions.ai/details/publication/pub.1132145015
10.1021/acsaem.0c02054	PEDOT:PSS/MnO2/CNT Ternary Nanocomposite Anodes for Supercapacitive Ene	ACS Applied Energy Materials	2020	Liu, Lin; Choi, Seokheun Liu, Lin (State University of New Yo	https://app.dimensions.ai/details/publication/pub.1131798728
10.1021/acsomega.0c02754	Solution-Processed Synthesis of Copper Oxide (Cu x O) Thin Films for Efficient PI	ACS Omega	2020	Aktar, Asma; Ahmmed, Sl Aktar, Asma (University of Rajshal	https://app.dimensions.ai/details/publication/pub.1131130834
10.1016/j.biortech.2020.124109	An intermittent power supply scheme to minimize electrical energy input in a m	Bioresource Technology	2020	Zakaria, Basem S; Ranjan Zakaria, Basem S (University of Alt	https://app.dimensions.ai/details/publication/pub.1130794672
10.1016/j.jelechem.2020.114405	Microbial electrochemical biosensor for rapid detection of naphthenic acid in aq	Journal of Electroanalytical Chemistry	2020	Chung, Tae Hyun; Meshre Chung, Tae Hyun (University of Alt	https://app.dimensions.ai/details/publication/pub.1129075287
10.20964/2020.08.95	Effect of Deformation and Heat Treatment on Pitting Corrosion Behavior of 705(	International Journal of Electrochemical Scien	2020	Yao, Yao; Li, Guofeng; Tar Yao, Yao (Changsha University); Li,	https://app.dimensions.ai/details/publication/pub.1129490691
10.1021/acsami.0c09777	Fast Charge Transfer across the Li7La3Zr2O12 Solid Electrolyte/LiCoO2 Cathode	ACS Applied Materials & Interfaces	2020	Sastre, Jordi; Chen, Xubin Sastre, Jordi (Swiss Federal Labora	https://app.dimensions.ai/details/publication/pub.1129382802
10.1109/jmems.2020.3004778	Additive Manufacturing of Living Electrodes	Journal of Microelectromechanical Systems	2020	Gao, Yang; Kim, Jeonghw Gao, Yang (State University of Nev	https://app.dimensions.ai/details/publication/pub.1128925719
10.1016/j.cej.2019.123566	Temperature-dependent (20–55 °C) electrocatalytic characteristics during ethan	Chemical Engineering Journal	2020	Lin, Long; Chowdhury, Ba Lin, Long (University of Alberta); C	https://app.dimensions.ai/details/publication/pub.1122781232
10.1016/j.rser.2020.109855	Enhanced power generation and desalination rate in a novel quadruple microbia	Renewable and Sustainable Energy Reviews	2020	Jafary, Tahereh; Al-Mamu Jafary, Tahereh (Sultan Qaboos Ur	https://app.dimensions.ai/details/publication/pub.1126702749
10.1016/j.scitotenv.2020.139395	Changes in syntrophic microbial communities, EPS matrix, and gene-expression	The Science of The Total Environment	2020	Zakaria, Basem S; Dhar, B Zakaria, Basem S (University of Alt	https://app.dimensions.ai/details/publication/pub.1127518978
10.1016/j.desal.2020.114358	Novel two-chamber tubular microbial desalination cell for bioelectricity product	Desalination	2020	Jafary, Tahereh; Al-Mamu Jafary, Tahereh (Sultan Qaboos Ur	https://app.dimensions.ai/details/publication/pub.1124655476
10.1016/j.carbon.2020.01.046	Towards stable lithium-sulfur battery cathodes by combining physical and chem	Carbon	2020	Yan, Runyu; Oschatz, Mar Yan, Runyu (Max Planck Institute c	https://app.dimensions.ai/details/publication/pub.1124178081
10.1021/acs.nanolett.9b05023	Tunable Onset of Hydrogen Evolution in Graphene with Hot Electrons	Nano Letters	2020	Chae, Hyun Uk; Ahsan, Ra Chae, Hyun Uk (University of Sout	https://app.dimensions.ai/details/publication/pub.1125103427
10.20964/2020.02.18	Microstructure and Corrosion behavior of Friction Stir-Welded AZ31 alloy	International Journal of Electrochemical Scien	2020	Yao, Yao; Tang, Jiaxin; Ch Yao, Yao (Changsha University; Hu	https://app.dimensions.ai/details/publication/pub.1123803636

10.1016/j.matchemphys.2019.1225	Na–Ge glass anode network mixed with bismuth oxide nanocrystallites: A high c	Materials Chemistry and Physics	2020	Gandi, Suman; Mekprasa	Gandi, Suman (Department of Phy https://app.dimensions.ai/details/publication/pub.1123472872
10.1021/acsaem.9b02163	Luminescent Solar Concentrators for Photoelectrochemical Water Splitting	ACS Applied Energy Materials	2020	Panzeri, Gabriele; Tatsi, E	Panzeri, Gabriele (Politecnico di M https://app.dimensions.ai/details/publication/pub.1124377533
10.1109/mems46641.2020.905637	A High-Performance Photo-Biosupercapacitor Based on Manganese Oxide/Carbon	Nanotube/PEDOT:PSS Nanocomposites	2020	Liu, Lin; Choi, Seokheun	Liu, Lin (State University of New Y https://app.dimensions.ai/details/publication/pub.1126153616
10.1149/1945-7111/abad67	Boron-Doped TiO2 from Anodization of TiB2 for Efficient Photocatalysis	Journal of The Electrochemical Society	2020	Ni, Chengsheng; Tang, Yu	Ni, Chengsheng (Southwest Unive https://app.dimensions.ai/details/publication/pub.1129976061
10.1007/s11581-019-03415-5	Influence of phosphotungstic acid in sulfonated poly (ether ether ketone)/poly (.	Ionics	2020	Sowmya, Gurusamy; Gow	Sowmya, Gurusamy (Alagappa Un https://app.dimensions.ai/details/publication/pub.1123927165
10.1016/j.mtener.2019.100362	Mechanisms of PrOx performance enhancement of oxygen electrodes for low ar	Materials Today Energy	2019	Lu, Matthew Y.; Scipioni,	Lu, Matthew Y. (Northwestern Uni https://app.dimensions.ai/details/publication/pub.1122593462
10.1016/j.ijhydene.2019.09.162	Evaluation of sludge liquors from acidogenic fermentation and thermal hydrolys	International Journal of Hydrogen Energy	2019	Lin, Long; Zakaria, Basem	Lin, Long (University of Alberta); Z https://app.dimensions.ai/details/publication/pub.1121966731
10.1007/s00339-019-2963-4	Electrochemical sensor for the detection of lead ions of B-site-doped bismuth tit	Applied Physics A	2019	Roselin, A. Amali; Anandk	Roselin, A. Amali (Alagappa Unive https://app.dimensions.ai/details/publication/pub.1120795040
10.1021/acs.nanolett.9b02289	High Quantum Efficiency Hot Electron Electrochemistry	Nano Letters	2019	Chae, Hyun Uk; Ahsan, Ra	Chae, Hyun Uk (University of Sout https://app.dimensions.ai/details/publication/pub.1120439420
10.1016/j.scitotenv.2019.06.519	Shift of biofilm and suspended bacterial communities with changes in anode pot	The Science of The Total Environment	2019	Zakaria, Basem S; Lin, Lor	Zakaria, Basem S (University of Alt https://app.dimensions.ai/details/publication/pub.1117673869
10.1007/s10904-019-01224-x	Synthesis of Micro-dumbbell Shaped rGO/ZnO Composite Rods and Its Applicati	Journal of Inorganic and Organometallic Polyn	2019	Padmalaya, G.; Sreeja, B.	Padmalaya, G. (Anna University, C https://app.dimensions.ai/details/publication/pub.1117323246
10.1016/j.cej.2018.12.067	Microbial electrolysis followed by chemical precipitation for effective nutrients r	Chemical Engineering Journal	2019	Barua, Sajib; Zakaria, Bas	Barua, Sajib (University of Alberta) https://app.dimensions.ai/details/publication/pub.1110581457
10.1007/s11664-019-07063-3	Synthesis and Characterization of Novel Chitosan/Yttrium Oxide Nanorods and T	Journal of Electronic Materials	2019	Padmalaya, G.; Sreeja, B.	Padmalaya, G. (Anna University, C https://app.dimensions.ai/details/publication/pub.1112519997
10.2139/ssrn.3419214	Mechanisms of PrO _x Performance Enhancement of Oxygen Electrc	SSRN Electronic Journal	2019	Lu, Matthew Yunching; Sc	Lu, Matthew Yunching (Northwest https://app.dimensions.ai/details/publication/pub.1119854192
10.1680/jenes.18.00010	Anodic Performance in Microbial Electrolysis Cells in Response to Ammonia Nitr	Journal of Environmental Engineering and Scie	2018	Barua, Sajib; Zakaria, Bas	Barua, Sajib (University of Alberta) https://app.dimensions.ai/details/publication/pub.1107586668
10.1007/s10904-018-0989-2	A Facile Synthesis of Cellulose Acetate Functionalized Zinc Oxide Nanocomposite	Journal of Inorganic and Organometallic Polyn	2018	Padmalaya, G.; Sreeja, B.	Padmalaya, G. (Anna University, C https://app.dimensions.ai/details/publication/pub.1107429199
10.1016/j.chemosphere.2018.09.06	Impact of antimicrobial silver nanoparticles on anode respiring bacteria in a mic	Chemosphere	2018	Zakaria, Basem S.; Barua,	Zakaria, Basem S. (University of Al https://app.dimensions.ai/details/publication/pub.1106903276
10.1016/j.biortech.2018.06.053	Enhanced methanogenic co-degradation of propionate and butyrate by anaerob	Bioresource Technology	2018	Barua, Sajib; Zakaria, Bas	Barua, Sajib (University of Alberta) https://app.dimensions.ai/details/publication/pub.1104996013
10.1021/acsaem.8b00716	Silicon Oxycarbide Beads from Continuously Produced Polysilsesquioxane as Sta	ACS Applied Energy Materials	2018	Krüner, Benjamin; Odenw	Krüner, Benjamin (Leibniz-Institute https://app.dimensions.ai/details/publication/pub.1104356785
10.1016/j.ohx.2017.08.001	A USB-controlled potentiostat/galvanostat for thin-film battery characterization	HardwareX	2017	Dobbelaere, Thomas; Ver	Dobbelaere, Thomas (Ghent Unive https://app.dimensions.ai/details/publication/pub.1091323827
10.1149/07711.1393ecst	Electrosynthesis of Glycerol Carbonate from Glycerol and Potassium Carbonate	ECS Transactions	2017	Hoe, Hui Huang; Kirk, Dor	Hoe, Hui Huang (University of Tor https://app.dimensions.ai/details/publication/pub.1091080166
10.48550/arxiv.1701.07650	A USB-controlled potentiostat/galvanostat for thin-film battery characterization	arXiv	2017	Dobbelaere, Thomas	Dobbelaere, Thomas () https://app.dimensions.ai/details/publication/pub.1118691581