Wei Xiao

List of Publications by Year
in descending order

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200	13,437	23565	24978
papers	citations	58 h-index	109 g-index

209	209	209	16038
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced photocatalytic performance of direct Z-scheme g-C3N4â€“TiO2 photocatalysts for the decomposition of formaldehyde in air. Physical Chemistry Chemical Physics, 2013, 15, 16883.	2.8	1,167
2	Use of surfactants for the remediation of contaminated soils: A review. Journal of Hazardous Materials, 2015, 285, 419-435.	12.4	597
3	Photocatalytic reduction of CO2 into hydrocarbon solar fuels over g-C3N4â€“Pt nanocomposite photocatalysts. Physical Chemistry Chemical Physics, 2014, 16, 11492.	2.8	465
4	Shape-Controlled Synthesis of MnO₂ Nanostructures with Enhanced Electrocatalytic Activity for Oxygen Reduction. Journal of Physical Chemistry C, 2010, 114, 1694-1700.	3.1	432
5	Morphology-dependent photocatalytic H2-production activity of CdS. Applied Catalysis B: Environmental, 2014, 156-157, 184-191.	20.2	359
6	Amorphous CoSnO₃@C nanoboxes with superior lithium storage capability. Energy and Environmental Science, 2013, 6, 87-91.	30.8	337
7	Microwave-assisted hydrothermal synthesis of graphene based Auâ€“TiO₂ photocatalysts for efficient visible-light hydrogen production. Journal of Materials Chemistry A, 2014, 2, 3847-3855.	10.3	314
8	Formation of Yolkâ€“Shelled Niâ€“Co Mixed Oxide Nanoprisms with Enhanced Electrochemical Performance for Hybrid Supercapacitors and Lithium Ion Batteries. Advanced Energy Materials, 2015, 5, 1500981.	19.5	286
9	Capture and electrochemical conversion of CO2 to value-added carbon and oxygen by molten salt electrolysis. Energy and Environmental Science, 2013, 6, 1538.	30.8	262
10	Synthesis, Characterization, and Lithium Storage Capability of AMoO₄ (A = Ni, Co) Nanorods. Chemistry of Materials, 2010, 22, 746-754.	6.7	222
11	Direct Z-scheme anatase/rutile bi-phase nanocomposite TiO 2 nanofiber photocatalyst with enhanced photocatalytic H 2 -production activity. International Journal of Hydrogen Energy, 2014, 39, 15394-15402.	7.1	213
12	The electrochemical reduction processes of solid compounds in high temperature molten salts. Chemical Society Reviews, 2014, 43, 3215.	38.1	210
13	Growth of single-crystal Î±-MnO2 nanotubes prepared by a hydrothermal route and their electrochemical properties. Journal of Power Sources, 2009, 193, 935-938.	7.8	208
14	Pseudogene PTENP1 Functions as a Competing Endogenous RNA to Suppress Clear-Cell Renal Cell Carcinoma Progression. Molecular Cancer Therapeutics, 2014, 13, 3086-3097.	4.1	199
15	Hierarchically porous MnO2 microspheres with enhanced adsorption performance. Journal of Materials Chemistry A, 2013, 1, 11682.	10.3	192
16	LncRNA MALAT1 functions as a competing endogenous RNA to regulate ZEB2 expression by sponging miR-200s in clear cell kidney carcinoma. Oncotarget, 2015, 6, 38005-38015.	1.8	192
17	Oriented growth of layered-MnO2 nanosheets over Î±-MnO2 nanotubes for enhanced room-temperature HCHO oxidation. Applied Catalysis B: Environmental, 2017, 207, 233-243.	20.2	160
18	Electrochemically Driven Three-Phase Interlines into Insulator Compounds: Electroreduction of Solid SiO2 in Molten CaCl2. ChemPhysChem, 2006, 7, 1750-1758.	2.1	155

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19	Electrolytic Formation of Crystalline Silicon/Germanium Alloy Nanotubes and Hollow Particles with Enhanced Lithiumâ€Storage Properties. Angewandte Chemie - International Edition, 2016, 55, 7427-7431.	13.8	153
20	Harvesting Capacitive Carbon by Carbonization of Waste Biomass in Molten Salts. Environmental Science & Technology, 2014, 48, 8101-8108.	10.0	151
21	NaOH-Modified Ceramic Honeycomb with Enhanced Formaldehyde Adsorption and Removal Performance. Environmental Science & Technology, 2013, 47, 9928-9933.	10.0	149
22	Enhanced Photocatalytic Hydrogenâ€Production Performance of Grapheneâ€“Zn_xCd_{1â^'x}S Composites by Using an Organic S Source. Chemistry - A European Journal, 2014, 20, 1176-1185.	3.3	149
23	Teicoplanin-loaded borate bioactive glass implants for treating chronic bone infection in a rabbit tibia osteomyelitis model. Biomaterials, 2010, 31, 5865-5874.	11.4	145
24	Electrochemistry at Conductor/Insulator/Electrolyte Three-Phase Interlines:Â A Thin Layer Model. Journal of Physical Chemistry B, 2005, 109, 14043-14051.	2.6	138
25	Catalytic decomposition of methane to produce hydrogen: A review. Journal of Energy Chemistry, 2021, 58, 415-430.	12.9	137
26	Heterogeneous Electrocatalyst with Molecular Cobalt Ions Serving as the Center of Active Sites. Journal of the American Chemical Society, 2017, 139, 1878-1884.	13.7	129
27	g-C3N4 Modified biochar as an adsorptive and photocatalytic material for decontamination of aqueous organic pollutants. Applied Surface Science, 2015, 358, 231-239.	6.1	125
28	Alternative Splicing of EZH2 pre-mRNA by SF3B3 Contributes to the Tumorigenic Potential of Renal Cancer. Clinical Cancer Research, 2017, 23, 3428-3441.	7.0	109
29	Enhanced photoelectrocatalytic performance of SnO2/TiO2 rutile composite films. Journal of Materials Chemistry A, 2013, 1, 10727.	10.3	108
30	Hierarchical MoS2â€“rGO nanosheets with high MoS2 loading with enhanced electro-catalytic performance. Applied Surface Science, 2015, 358, 152-158.	6.1	103
31	Verification and implications of the dissolutionâ€“electrodeposition process during the electro-reduction of solid silica in molten CaCl2. RSC Advances, 2012, 2, 7588.	3.6	97
32	MicroRNA-10b promotes migration and invasion through KLF4 and HOXD10 in human bladder cancer. Oncology Reports, 2014, 31, 1832-1838.	2.6	97
33	Interleukin-33 ameliorates ischemic brain injury in experimental stroke through promoting Th2 response and suppressing Th17 response. Brain Research, 2015, 1597, 86-94.	2.2	95
34	Hollow hydroxyapatite microspheres: A novel bioactive and osteoconductive carrier for controlled release of bone morphogenetic protein-2 in bone regeneration. Acta Biomaterialia, 2013, 9, 8374-8383.	8.3	94
35	Effects of applied voltage and temperature on the electrochemical production of carbon powders from CO2 in molten salt with an inert anode. Electrochimica Acta, 2013, 114, 567-573.	5.2	93
36	Electrochemical Reduction of Carbon Dioxide and Iron Oxide in Molten Salts to Fe/Fe₃C Modified Carbon for Electrocatalytic Oxygen Evolution. Angewandte Chemie - International Edition, 2021, 60, 2120-2124.	13.8	92

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37	Porous Spheres Assembled from Polythiophene (PTh)-Coated Ultrathin MnO₂ Nanosheets with Enhanced Lithium Storage Capabilities. Journal of Physical Chemistry C, 2010, 114, 12048-12051.	3.1	90
38	MicroRNA-34a functions as an anti-metastatic microRNA and suppresses angiogenesis in bladder cancer by directly targeting CD44. Journal of Experimental and Clinical Cancer Research, 2014, 33, 779.	8.6	89
39	Molten salt-mediated formation of g-C 3 N 4 -MoS 2 for visible-light-driven photocatalytic hydrogen evolution. Applied Surface Science, 2018, 430, 218-224.	6.1	89
40	Capture and electro-splitting of CO2 in molten salts. Journal of Energy Chemistry, 2019, 28, 128-143.	12.9	87
41	Rationalisation and optimisation of solid state electro-reduction of SiO2 to Si in molten CaCl2 in accordance with dynamic three-phase interlines based voltammetry. Journal of Electroanalytical Chemistry, 2010, 639, 130-140.	3.8	86
42	Microemulsionâ€Assisted Preparation of a Mesoporous Ferrihydrite/SiO₂ Composite for the Efficient Removal of Formaldehyde from Air. Chemistry - A European Journal, 2013, 19, 9592-9598.	3.3	86
43	Na₂SO₄-assisted synthesis of hexagonal-phase WO₃nanosheet assemblies with applicable electrochromic and adsorption properties. Journal of Materials Chemistry A, 2013, 1, 1261-1269.	10.3	83
44	Three-Phase Interlines Electrochemically Driven into Insulator Compounds: A Penetration Model and Its Verification by Electroreduction of Solid AgCl. Chemistry - A European Journal, 2007, 13, 604-612.	3.3	82
45	Thin Pellets:â€‰ Fast Electrochemical Preparation of Capacitor Tantalum Powders. Chemistry of Materials, 2007, 19, 153-160.	6.7	80
46	In situ electrochemical conversion of CO ₂ in molten salts to advanced energy materials with reduced carbon emissions. Science Advances, 2020, 6, eaay9278.	10.3	80
47	Direct Conversion of Rice Husks to Nanostructured SiC/C for CO₂ Photoreduction. Advanced Materials, 2020, 32, e2001560.	21.0	78
48	Effect of copper-doped silicate 13â€“93 bioactive glass scaffolds on the response of MC3T3-E1 cells in vitro and on bone regeneration and angiogenesis in rat calvarial defects in vivo. Materials Science and Engineering C, 2016, 67, 440-452.	7.3	74
49	Up-scalable and controllable electrolytic production of photo-responsive nanostructured silicon. Journal of Materials Chemistry A, 2013, 1, 10243.	10.3	72
50	Effect of surgical liver resection on circulating tumor cells in patients with hepatocellular carcinoma. BMC Cancer, 2018, 18, 835.	2.6	71
51	Facile Synthesis of Novel Nanostructured MnO2Thin Films and Their Application in Supercapacitors. Nanoscale Research Letters, 2009, 4, 1035-1040.	5.7	68
52	Effects of Adsorbed F, OH, and Cl Ions on Formaldehyde Adsorption Performance and Mechanism of Anatase TiO₂ Nanosheets with Exposed {001} Facets. ACS Applied Materials & Interfaces, 2013, 5, 8165-8172.	8.0	68
53	Preparation and application of capacitive carbon from bamboo shells by one step molten carbonates carbonization. International Journal of Hydrogen Energy, 2016, 41, 18713-18720.	7.1	66
54	In Situ Pyrolysis Concerted Formation of Si/C Hybrids during Molten Salt Electrolysis of SiO₂@Polydopamine. ACS Applied Materials & Interfaces, 2019, 11, 9156-9163.	8.0	65

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55	Electrochemical Synthesis and Supercapacitive Properties of Îµ-MnO[sub 2] with Porous/Nanoflaky Hierarchical Architectures. Journal of the Electrochemical Society, 2009, 156, A627.	2.9	62
56	Properties of LiNi1/3Co1/3Mn1/3O2 cathode material synthesized by a modified Pechini method for high-power lithium-ion batteries. Journal of Alloys and Compounds, 2009, 480, 696-701.	5.5	60
57	miRNA-34a Suppresses Cell Proliferation and Metastasis by Targeting CD44 in Human Renal Carcinoma Cells. Journal of Urology, 2014, 192, 1229-1237.	0.4	60
58	miR-206 functions as a novel cell cycle regulator and tumor suppressor in clear-cell renal cell carcinoma. Cancer Letters, 2016, 374, 107-116.	7.2	60
59	Heterogeneous activation of peroxymonocarbonate by Co-Mn oxides for the efficient degradation of chlorophenols in the presence of a naturally occurring level of bicarbonate. Chemical Engineering Journal, 2018, 334, 1297-1308.	12.7	60
60	Microbubble effect-assisted electrolytic synthesis of hollow carbon spheres from CO₂. Journal of Materials Chemistry A, 2017, 5, 12822-12827.	10.3	59
61	Enhanced lithium storage performance of core-shell structural Si@TiO2/NC composite anode via facile sol-gel and in situ N-doped carbon coating processes. Electrochimica Acta, 2019, 317, 575-582.	5.2	58
62	Electrochemical Fixation of Carbon Dioxide in Molten Salts on Liquid Zinc Cathode to Zinc@Graphitic Carbon Spheres for Enhanced Energy Storage. Advanced Energy Materials, 2020, 10, 2002241.	19.5	58
63	Versatile Preparation of Mesoporous Singleâ€Layered Transitionâ€Metal Sulfide/Carbon Composites for Enhanced Sodium Storage. Advanced Materials, 2022, 34, e2104427.	21.0	58
64	High-efficiency dye-sensitized solar cells based on electrospun TiO2 multi-layered composite film photoanodes. Energy, 2015, 86, 196-203.	8.8	56
65	Kinetic and Thermodynamic Characterization of Enhanced Carbon Dioxide Absorption Process with Lithium Oxide-Containing Ternary Molten Carbonate. Environmental Science & Technology, 2016, 50, 10588-10595.	10.0	56
66	miRâ€490â€5p suppresses tumour growth in renal cell carcinoma through targeting PIK3CA. Biology of the Cell, 2016, 108, 41-50.	2.0	56
67	Challenges and Strategies of Lowâ€Cost Aluminum Anodes for Highâ€Performance Alâ€Based Batteries. Advanced Materials, 2022, 34, e2102026.	21.0	56
68	Formaldehyde on TiO2 anatase (1 0 1): A DFT study. Computational Materials Science, 2012, 51, 389-395.	3.0	55
69	Tuning the Li/Ni Disorder of the NMC811 Cathode by Thermally Driven Competition between Lattice Ordering and Structure Decomposition. Journal of Physical Chemistry C, 2020, 124, 5600-5607.	3.1	53
70	In vitro evaluation of cytotoxicity of silverâ€containing borate bioactive glass. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 95B, 441-448.	3.4	52
71	Synthesis of octahedral Mn3O4 crystals and their derived Mn3O4â€“MnO2 heterostructures via oriented growth. CrystEngComm, 2011, 13, 5685.	2.6	52
72	Templateâ€Free Electrochemical Formation of Silicon Nanotubes from Silica. Advanced Science, 2020, 7, 2001492.	11.2	51

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73	Interfacial confinement of Ni-V2O3 in molten salts for enhanced electrocatalytic hydrogen evolution. Journal of Energy Chemistry, 2020, 50, 280-285.	12.9	51
74	Electrochemical Conversion of Oxide Precursors to Consolidated Zr and Zrâˆ'2.5Nb Tubes. Chemistry of Materials, 2008, 20, 7274-7280.	6.7	50
75	Influence of Cu doping in borosilicate bioactive glass and the properties of its derived scaffolds. Materials Science and Engineering C, 2016, 58, 194-203.	7.3	50
76	Efficient Nanostructuring of Silicon by Electrochemical Alloying/Dealloying in Molten Salts for Improved Lithium Storage. Angewandte Chemie - International Edition, 2018, 57, 15743-15748.	13.8	50
77	Cisplatin-induced epigenetic activation of miR-34a sensitizes bladder cancer cells to chemotherapy. Molecular Cancer, 2014, 13, 8.	19.2	49
78	Molten salt CO₂capture and electro-transformation (MSCC-ET) into capacitive carbon at medium temperature: effect of the electrolyte composition. Faraday Discussions, 2016, 190, 241-258.	3.2	49
79	Electrodeposited Silicon Nanowires from Silica Dissolved in Molten Salts as a Binder-Free Anode for Lithium-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 804-813.	5.1	49
80	Role of microRNA-27a in down-regulation of angiogenic factor AGGF1 under hypoxia associated with high-grade bladder urothelial carcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 712-725.	3.8	48
81	Global analysis of DNA methylation in hepatocellular carcinoma by a liquid hybridization capture-based bisulfite sequencing approach. Clinical Epigenetics, 2015, 7, 86.	4.1	48
82	Electrochemical synthesis of ammonia in molten salts. Journal of Energy Chemistry, 2020, 43, 195-207.	12.9	48
83	Electrochemical extraction of Ti5Si3 silicide from multicomponent Ti/Si-containing metal oxide compounds in molten salt. Journal of Materials Chemistry A, 2014, 2, 7421.	10.3	47
84	One-step molten salt carbonization (MSC) of firwood biomass for capacitive carbon. RSC Advances, 2016, 6, 106485-106490.	3.6	47
85	Electrolytic synthesis of carbon from the captured CO2 in molten LiClâ€"KClâ€"CaCO3: Critical roles of electrode potential and temperature for hollow structure and lithium storage performance. Electrochimica Acta, 2018, 259, 975-985.	5.2	47
86	Electrochemical Splitting of Methane in Molten Salts To Produce Hydrogen. Angewandte Chemie - International Edition, 2021, 60, 7664-7668.	13.8	45
87	Interfacial Synthesis: Amphiphilic Monomers Assisted Ultrarefining of Mesoporous Manganese Oxide Nanoparticles and the Electrochemical Implications. ACS Applied Materials & Interfaces, 2011, 3, 3120-3129.	8.0	44
88	Molten-salt treatment of waste biomass for preparation of carbon with enhanced capacitive properties and electrocatalytic activity towards oxygen reduction. Faraday Discussions, 2016, 190, 147-159.	3.2	44
89	Preparation of resorbable carbonate-substituted hollow hydroxyapatite microspheres and their evaluation in osseous defects in vivo. Materials Science and Engineering C, 2016, 60, 324-332.	7.3	44
90	Nickel based oxide film formed in molten salts for efficient electrocatalytic oxygen evolution. Journal of Materials Chemistry A, 2019, 7, 10514-10522.	10.3	44

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91	Molten Salt Electrochemical Modulation of Ironâ€“Carbonâ€“Nitrogen for Lithiumâ€“Sulfur Batteries. Angewandte Chemie - International Edition, 2021, 60, 24905-24909.	13.8	44
92	Epigenetic Inactivation of KLF4 is Associated with Urothelial Cancer Progression and Early Recurrence. Journal of Urology, 2014, 191, 493-501.	0.4	43
93	Thermoelectrochemical formation of Fe/Fe₃C@hollow N-doped carbon in molten salts for enhanced catalysis. Journal of Materials Chemistry A, 2020, 8, 4800-4806.	10.3	43
94	Enhanced capacitive properties of commercial activated carbon by re-activation in molten carbonates. Journal of Power Sources, 2015, 298, 74-82.	7.8	42
95	Robocasting of silicon nitride with controllable shape and architecture for biomedical applications. International Journal of Applied Ceramic Technology, 2017, 14, 117-127.	2.1	42
96	Leptin activates STAT3 and ERK1/2 pathways and induces endometrial cancer cell proliferation. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 365-370.	1.0	40
97	Mesoporous bioactive glass-coated 3D printed borosilicate bioactive glass scaffolds for improving repair of bone defects. International Journal of Biological Sciences, 2018, 14, 471-484.	6.4	40
98	Computer-aided control of electrolysis of solid Nb2O5 in molten CaCl2. Physical Chemistry Chemical Physics, 2008, 10, 1809.	2.8	39
99	Characterization and adsorption properties of the electrolytic carbon derived from CO2 conversion in molten salts. Carbon, 2017, 111, 162-172.	10.3	39
100	Synthesis and Manipulation of Single-Crystalline Lithium Nickel Manganese Cobalt Oxide Cathodes: A Review of Growth Mechanism. Frontiers in Chemistry, 2020, 8, 747.	3.6	39
101	Androgen-receptor splice variant-7-positive prostate cancer: a novel molecular subtype with markedly worse androgen-deprivation therapy outcomes in newly diagnosed patients. Modern Pathology, 2018, 31, 198-208.	5.5	37
102	IMPROVED CAPACITIVE BEHAVIOR OF MnO₂ THIN FILMS PREPARED BY ELECTRODEPOSITION ON THE PT SUBSTRATE WITH A MnO_x BUFFER LAYER. Functional Materials Letters, 2009, 02, 13-18.	1.2	36
103	Fibulin-1 is Down-Regulated Through Promoter Hypermethylation and Suppresses Renal Cell Carcinoma Progression. Journal of Urology, 2013, 190, 291-301.	0.4	36
104	Synthesis of nanostructured graphite via molten salt reduction of CO₂ and SO₂ at a relatively low temperature. Journal of Materials Chemistry A, 2017, 5, 20603-20607.	10.3	36
105	Photocatalytic degradation of sulfamethazine by graphitic carbon nitride-modified zinc molybdate: Effects of synthesis method on performance, degradation kinetics, and mechanism. Chinese Journal of Catalysis, 2017, 38, 2009-2020.	14.0	36
106	The role of Interleukin-33 in the modulation of splenic T-cell immune responses after experimental ischemic stroke. Journal of Neuroimmunology, 2019, 333, 576970.	2.3	36
107	Adatom Transport on Strained Cu(001): Surface Crowdions. Physical Review Letters, 2003, 90, 156102.	7.8	35
108	Green production of nickel powder by electro-reduction of NiO in molten Na2CO3â€“K2CO3. International Journal of Hydrogen Energy, 2016, 41, 18699-18705.	7.1	35

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109	Silicon nitride bioceramics in healthcare. International Journal of Applied Ceramic Technology, 2018, 15, 861-872.	2.1	34
110	Thin film Li electrolytes for all-solid-state micro-batteries. International Journal of Surface Science and Engineering, 2009, 3, 23.	0.4	33
111	Flueâ€Gasâ€Derived Sulfurâ€Doped Carbon with Enhanced Capacitance. Advanced Sustainable Systems, 2017, 1, 1700047.	5.3	33
112	Near-Net-Shape Production of Hollow Titanium Alloy Components via Electrochemical Reduction of Metal Oxide Precursors in Molten Salts. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2013, 44, 272-282.	2.1	32
113	Template-free electrosynthesis of crystalline germanium nanowires from solid germanium oxide in molten CaCl2â€“NaCl. Electrochimica Acta, 2013, 102, 369-374.	5.2	32
114	Three-dimensional zinc incorporated borosilicate bioactive glass scaffolds for rodent critical-sized calvarial defects repair and regeneration. Colloids and Surfaces B: Biointerfaces, 2015, 130, 149-156.	5.0	32
115	Controllable conversion of rice husks to Si/C and SiC/C composites in molten salts. Journal of Energy Chemistry, 2021, 55, 102-107.	12.9	32
116	A Lowâ€Cost and Airâ€Stable Rechargeable Aluminumâ€Ion Battery. Advanced Materials, 2022, 34, e2106511.	21.0	32
117	Ultrahigh aniline-removal capacity of hierarchically structured layered manganese oxides: trapping aniline between interlayers. Journal of Materials Chemistry A, 2015, 3, 8676-8682.	10.3	31
118	Low-Temperature Assembly of Ultrathin Amorphous MnO₂ Nanosheets over Fe₂O₃ Spindles for Enhanced Lithium Storage. ACS Applied Materials & Interfaces, 2018, 10, 30470-30478.	8.0	31
119	Creation of bioactive glass (13â€“93) scaffolds for structural bone repair using a combined finite element modeling and rapid prototyping approach. Materials Science and Engineering C, 2016, 68, 651-662.	7.3	29
120	Heterostructured Fe2O3@SnO2 coreâ€“shell nanospindles for enhanced Room-temperature HCHO oxidation. Applied Surface Science, 2018, 457, 83-92.	6.1	29
121	Kinetics and mechanisms of converting bioactive borate glasses to hydroxyapatite in aqueous phosphate solution. Journal of Materials Science, 2011, 46, 47-54.	3.7	28
122	One-step molten-salt synthesis of anatase/rutile bi-phase TiO2@MoS2 hierarchical photocatalysts for enhanced solar-driven hydrogen generation. Applied Surface Science, 2020, 507, 145072.	6.1	28
123	Reduction mechanism and carbon content investigation for electrolytic production of iron from solid Fe2O3 in molten K2CO3â€“Na2CO3 using an inert anode. Journal of Electroanalytical Chemistry, 2013, 689, 109-116.	3.8	27
124	Viral integration drives multifocal HCC during the occult HBV infection. Journal of Experimental and Clinical Cancer Research, 2019, 38, 261.	8.6	27
125	Production of Fine Tungsten Powder by Electrolytic Reduction of Solid CaWO₄in Molten Salt. Journal of the Electrochemical Society, 2012, 159, E139-E143.	2.9	25
126	Preparation of a porous nanostructured germanium from GeO₂via a â€œreductionâ€“alloyingâ€“dealloyingâ€•approach. Journal of Materials Chemistry A, 2015, 3, 1427-1430.	10.3	24

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127	Electropolymerization of polypyrrole at the three-phase interline: Influence of polymerization conditions. Electrochimica Acta, 2013, 92, 108-116.	5.2	23
128	Tough and strong porous bioactive glass-PLA composites for structural bone repair. Journal of Materials Science, 2017, 52, 9039-9054.	3.7	23
129	The lithium storage performance of electrolytic-carbon from CO2. Journal of Power Sources, 2017, 341, 419-426.	7.8	23
130	Electropolymerization of PEDOT on CNTs conductive network assembled at water/oil interface. Electrochimica Acta, 2014, 136, 97-104.	5.2	22
131	Regulation of glucose metabolism by p62/SQSTM1 through HIF1Î±. Journal of Cell Science, 2016, 129, 817-30.	2.0	22
132	Electrochemical Synthesis of Nano-Metallic Carbides from the Mixtures of Metal Oxide and Graphite. Journal of the Electrochemical Society, 2017, 164, E144-E150.	2.9	22
133	Electrolytic calcium hexaboride for high capacity anode of aqueous primary batteries. Journal of Materials Chemistry A, 2015, 3, 15184-15189.	10.3	21
134	Evaluation of Ti implants coated with Ag-containing borate bioactive glass for simultaneous eradication of infection and fracture fixation in a rabbit tibial model. Journal of Materials Research, 2012, 27, 3147-3156.	2.6	20
135	Rare metals preparation by electro-reduction of solid compounds in high-temperature molten salts. Rare Metals, 2016, 35, 581-590.	7.1	20
136	Neuroprotective effect of miR-410-3p against sevoflurane anesthesia-induced cognitive dysfunction in rats through PI3K/Akt signaling pathway via targeting Câ€“Xâ€“C motif chemokine receptor 5. Genes and Genomics, 2019, 41, 1223-1231.	1.4	20
137	H-bonding effect of oxyanions enhanced photocatalytic degradation of sulfonamides by g-C3N4 in aqueous solution. Journal of Hazardous Materials, 2019, 366, 259-267.	12.4	20
138	Electrolytic Formation of Crystalline Silicon/Germanium Alloy Nanotubes and Hollow Particles with Enhanced Lithiumâ€Storage Properties. Angewandte Chemie, 2016, 128, 7553-7557.	2.0	19
139	Long-term bone regeneration, mineralization and angiogenesis in rat calvarial defects implanted with strong porous bioactive glass (13â€“93) scaffolds. Journal of Non-Crystalline Solids, 2016, 432, 120-129.	3.1	19
140	Pore volume and distribution regulation of highly nanoporous titanium dioxide nanofibers and their photovoltaic properties. Journal of Colloid and Interface Science, 2017, 490, 74-83.	9.4	19
141	Iron electrolysisâ€assisted peroxymonosulfate chemical oxidation for the remediation of chlorophenolâ€contaminated groundwater. Journal of Chemical Technology and Biotechnology, 2016, 91, 938-947.	3.2	18
142	Electrophoretic-deposited CNT/MnO₂composites for high-power electrochemical energy storage/conversion applications. Physica Scripta, 2010, T139, 014008.	2.5	17
143	Synthesis and characterization of Mn-based composite oxides with enhanced electrocatalytic activity for oxygen reduction. Journal of Materials Chemistry A, 2014, 2, 13345-13351.	10.3	17
144	Enhanced electrocatalysis performance of amorphous electrolytic carbon from CO2 for oxygen reduction by surface modification in molten salt. Electrochimica Acta, 2017, 253, 248-256.	5.2	17

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145	A multifunctional vanadium-doped cobalt oxide layer on silicon photoanodes for efficient and stable photoelectrochemical water oxidation. Journal of Materials Chemistry A, 2018, 6, 21167-21177.	10.3	17
146	Molten salt electrochemical modulation of Ni/Co nanoparticles onto N-doped carbon for oxygen reduction. Journal of Energy Chemistry, 2022, 74, 212-217.	12.9	17
147	Electrosynthesis of Ti₂CO_nfrom TiO₂/C Composite in Molten CaCl₂: Effect of Electrolysis Voltage and Duration. Journal of the Electrochemical Society, 2013, 160, F1192-F1196.	2.9	16
148	Synergetic effect of the mineralization of organic contaminants by a combined use of permanganate and peroxymonosulfate. Separation and Purification Technology, 2015, 144, 248-255.	7.9	14
149	Review - bioactive glass implants for potential application in structural bone repair. Biomedical Glasses, 2017, 3, .	2.4	14
150	The capacitive performances of carbon obtained from the electrolysis of CO2 in molten carbonates: Effects of electrolysis voltage and temperature. Journal of Energy Chemistry, 2020, 51, 418-424.	12.9	14
151	Electrochemical Reduction of Carbon Dioxide and Iron Oxide in Molten Salts to Fe/Fe₃C Modified Carbon for Electrocatalytic Oxygen Evolution. Angewandte Chemie, 2021, 133, 2148-2152.	2.0	14
152	Growing highly capacitive nano-Ni(OH)2 on freshly cut graphite electrode by electrochemically enhanced self-assembly. Electrochimica Acta, 2013, 99, 198-203.	5.2	13
153	Pseudomonas aeruginosa-mannoseâ€“sensitive hemagglutinin inhibits epidermal growth factor receptor signaling pathway activation and induces apoptosis in bladder cancer cells in vitro and in vivo. Urologic Oncology: Seminars and Original Investigations, 2014, 32, 36.e11-36.e18.	1.6	13
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