

Wei Xiao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

10,319
citations

50
h-index

96
g-index

209
ext. papers

11,858
ext. citations

8.3
avg, IF

6.8
L-index

#	Paper	IF	Citations
197	Electrochemical conversion of carbon dioxide in molten salts: In-situ and beyond. <i>Journal of Energy Chemistry</i> , 2022 , 64, 404-405	12	3
196	Catalytic combustion of lean methane over MnCo ₂ O ₄ /SiC catalysts: Enhanced activity and sulfur resistance. <i>Fuel</i> , 2022 , 323, 124399	7.1	0
195	A Low-cost and Air-Stable Rechargeable Aluminum-Ion Battery. <i>Advanced Materials</i> , 2021 , e2106511	24	5
194	A molten-salt electrochemical biorefinery for carbon-neutral utilization of biomass. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 27442-27447	13	2
193	The Presence of Circulating Tumor Cell Cluster Characterizes an Aggressive Hepatocellular Carcinoma Subtype. <i>Frontiers in Oncology</i> , 2021 , 11, 734564	5.3	0
192	Versatile Preparation of Mesoporous Single-Layered Transition-Metal Sulfide/Carbon Composites for Enhanced Sodium Storage. <i>Advanced Materials</i> , 2021 , e2104427	24	11
191	Challenges and Strategies of Low-Cost Aluminum Anodes for High-Performance Al-Based Batteries. <i>Advanced Materials</i> , 2021 , e2102026	24	15
190	Electrochemical Splitting of Methane in Molten Salts To Produce Hydrogen. <i>Angewandte Chemie</i> , 2021 , 133, 7742-7746	3.6	0
189	Electrochemical Splitting of Methane in Molten Salts To Produce Hydrogen. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7664-7668	16.4	17
188	CD46 splice variant enhances translation of specific mRNAs linked to an aggressive tumor cell phenotype in bladder cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 24, 140-153	10.7	2
187	Highly Ordered Mesoporous Cobalt Oxide as Heterogeneous Catalyst for Aerobic Oxidative Aromatization of N-Heterocycles. <i>ChemCatChem</i> , 2021 , 13, 3679-3686	5.2	1
186	Clinical outcomes of dialysis patients with COVID-19 in the initial phase of the COVID-19 outbreak in Wuhan, China. <i>International Urology and Nephrology</i> , 2021 , 53, 353-357	2.3	6
185	Catalytic decomposition of methane to produce hydrogen: A review. <i>Journal of Energy Chemistry</i> , 2021 , 58, 415-430	12	35
184	Controllable conversion of rice husks to Si/C and SiC/C composites in molten salts. <i>Journal of Energy Chemistry</i> , 2021 , 55, 102-107	12	21
183	Electrochemical Reduction of Carbon Dioxide and Iron Oxide in Molten Salts to Fe/Fe ₃ C Modified Carbon for Electrocatalytic Oxygen Evolution. <i>Angewandte Chemie</i> , 2021 , 133, 2148-2152	3.6	4
182	Electrochemical Reduction of Carbon Dioxide and Iron Oxide in Molten Salts to Fe/Fe ₃ C Modified Carbon for Electrocatalytic Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2120-2124	16.4	40
181	Junction plakoglobin regulates and destabilizes HIF2 α to inhibit tumorigenesis of renal cell carcinoma. <i>Cancer Communications</i> , 2021 , 41, 316-332	9.4	3

180	Molten Salt Electrochemical Modulation of Iron-Carbon-Nitrogen for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24905-24909	16.4	10
179	In Situ Synthesis of CuN /Mesoporous N-Doped Carbon for Selective Oxidative Crosscoupling of Terminal Alkynes under Mild Conditions.. <i>Small</i> , 2021 , e2105178	11	2
178	Direct Conversion of Rice Husks to Nanostructured SiC/C for CO Photoreduction. <i>Advanced Materials</i> , 2020 , 32, e2001560	24	45
177	Template-Free Electrochemical Formation of Silicon Nanotubes from Silica. <i>Advanced Science</i> , 2020 , 7, 2001492	13.6	25
176	Thermoelectrochemical formation of Fe/Fe ₃ C@hollow N-doped carbon in molten salts for enhanced catalysis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 4800-4806	13	24
175	In situ electrochemical conversion of CO in molten salts to advanced energy materials with reduced carbon emissions. <i>Science Advances</i> , 2020 , 6, eaay9278	14.3	43
174	Tuning the Li/Ni Disorder of the NMC811 Cathode by Thermally Driven Competition between Lattice Ordering and Structure Decomposition. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5600-5607	3.8	24
173	Interfacial confinement of Ni-V ₂ O ₃ in molten salts for enhanced electrocatalytic hydrogen evolution. <i>Journal of Energy Chemistry</i> , 2020 , 50, 280-285	12	25
172	Controllable nitridation of Ta ₂ O ₅ in molten salts for enhanced photocatalysis. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2020 , 27, 1703-1710	3.1	3
171	One-step molten-salt synthesis of anatase/rutile bi-phase TiO ₂ @MoS ₂ hierarchical photocatalysts for enhanced solar-driven hydrogen generation. <i>Applied Surface Science</i> , 2020 , 507, 145072	6.7	19
170	Effects of K and Mn promoters over Fe ₂ O ₃ on Fischer-Tropsch synthesis. <i>Journal of Energy Chemistry</i> , 2020 , 47, 118-127	12	7
169	The capacitive performances of carbon obtained from the electrolysis of CO ₂ in molten carbonates: Effects of electrolysis voltage and temperature. <i>Journal of Energy Chemistry</i> , 2020 , 51, 418-424	12	4
168	Electrochemical Fixation of Carbon Dioxide in Molten Salts on Liquid Zinc Cathode to Zinc@Graphitic Carbon Spheres for Enhanced Energy Storage. <i>Advanced Energy Materials</i> , 2020 , 10, 2002241	21.8	32
167	Synthesis and Manipulation of Single-Crystalline Lithium Nickel Manganese Cobalt Oxide Cathodes: A Review of Growth Mechanism. <i>Frontiers in Chemistry</i> , 2020 , 8, 747	5	14
166	Effects of cyclic voltammetric scan rates, scan time, temperatures and carbon addition on sulphation of Pb disc electrodes in aqueous H ₂ SO ₄ . <i>Materials Technology</i> , 2020 , 35, 135-140	2.1	5
165	Electrochemical synthesis of ammonia in molten salts. <i>Journal of Energy Chemistry</i> , 2020 , 43, 195-207	12	24
164	Viral integration drives multifocal HCC during the occult HBV infection. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 261	12.8	17
163	Enhanced lithium storage performance of core-shell structural Si@TiO ₂ /NC composite anode via facile sol-gel and in situ N-doped carbon coating processes. <i>Electrochimica Acta</i> , 2019 , 317, 575-582	6.7	43

162	The role of Interleukin-33 in the modulation of splenic T-cell immune responses after experimental ischemic stroke. <i>Journal of Neuroimmunology</i> , 2019 , 333, 576970	3.5	19
161	The clinical significance of neutrophil gelatinase-associated lipocalin in ischemic stroke patients with acute kidney injury. <i>Journal of Clinical Laboratory Analysis</i> , 2019 , 33, e22907	3	5
160	Nickel based oxide film formed in molten salts for efficient electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10514-10522	13	29
159	In Situ Pyrolysis Concerted Formation of Si/C Hybrids during Molten Salt Electrolysis of SiO@Polydopamine. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9156-9163	9.5	45
158	Capture and electro-splitting of CO ₂ in molten salts. <i>Journal of Energy Chemistry</i> , 2019 , 28, 128-143	12	59
157	Effects of Metformin Treatment on Soluble Leptin Receptor Levels in Women with Polycystic Ovary Syndrome. <i>Current Medical Science</i> , 2019 , 39, 609-614	2.8	4
156	Neuroprotective effect of miR-410-3p against sevoflurane anesthesia-induced cognitive dysfunction in rats through PI3K/Akt signaling pathway via targeting C-X-C motif chemokine receptor 5. <i>Genes and Genomics</i> , 2019 , 41, 1223-1231	2.1	14
155	Electrodeposited Silicon Nanowires from Silica Dissolved in Molten Salts as a Binder-Free Anode for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019 , 2, 804-813	6.1	36
154	H-bonding effect of oxyanions enhanced photocatalytic degradation of sulfonamides by g-CN in aqueous solution. <i>Journal of Hazardous Materials</i> , 2019 , 366, 259-267	12.8	12
153	Development of Strong and Tough Bioactive Glass Composites for Structural Bone Repair. <i>Ceramic Engineering and Science Proceedings</i> , 2018 , 221-233	0.1	
152	Three-Dimensional Printing of Si ₃ N ₄ Bioceramics by Robocasting. <i>Ceramic Engineering and Science Proceedings</i> , 2018 , 235-246	0.1	1
151	Androgen-receptor splice variant-7-positive prostate cancer: a novel molecular subtype with markedly worse androgen-deprivation therapy outcomes in newly diagnosed patients. <i>Modern Pathology</i> , 2018 , 31, 198-208	9.8	26
150	Molten salt-mediated formation of g-C ₃ N ₄ -MoS ₂ for visible-light-driven photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2018 , 430, 218-224	6.7	69
149	Heterostructured Fe ₂ O ₃ @SnO ₂ core-shell nanospindles for enhanced Room-temperature HCHO oxidation. <i>Applied Surface Science</i> , 2018 , 457, 83-92	6.7	19
148	An Efficient Electrolytic Preparation of MAX-Phased Ti-Al-C. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2018 , 49, 2770-2778	2.5	7
147	Mesoporous bioactive glass-coated 3D printed borosilicate bioactive glass scaffolds for improving repair of bone defects. <i>International Journal of Biological Sciences</i> , 2018 , 14, 471-484	11.2	26
146	Effect of surgical liver resection on circulating tumor cells in patients with hepatocellular carcinoma. <i>BMC Cancer</i> , 2018 , 18, 835	4.8	39
145	Silicon nitride bioceramics in healthcare. <i>International Journal of Applied Ceramic Technology</i> , 2018 , 15, 861-872	2	19

144	Heterogeneous activation of peroxymonocarbonate by Co-Mn oxides for the efficient degradation of chlorophenols in the presence of a naturally occurring level of bicarbonate. <i>Chemical Engineering Journal</i> , 2018 , 334, 1297-1308	14.7	38
143	Electrolytic synthesis of carbon from the captured CO ₂ in molten LiCl-KCl-NaCO ₃ : Critical roles of electrode potential and temperature for hollow structure and lithium storage performance. <i>Electrochimica Acta</i> , 2018 , 259, 975-985	6.7	30
142	A multifunctional vanadium-doped cobalt oxide layer on silicon photoanodes for efficient and stable photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 21167-21177	13	12
141	Efficient Nanostructuring of Silicon by Electrochemical Alloying/Dealloying in Molten Salts for Improved Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15743-15748	16.4	35
140	Efficient Nanostructuring of Silicon by Electrochemical Alloying/Dealloying in Molten Salts for Improved Lithium Storage. <i>Angewandte Chemie</i> , 2018 , 130, 15969-15974	3.6	8
139	Low-Temperature Assembly of Ultrathin Amorphous MnO Nanosheets over FeO Spindles for Enhanced Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 30470-30478	9.5	21
138	Heterogeneous Electrocatalyst with Molecular Cobalt Ions Serving as the Center of Active Sites. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1878-1884	16.4	101
137	Design, Fabrication and Testing of Bioactive Glass Scaffolds for Structural Bone Repair. <i>Ceramic Engineering and Science Proceedings</i> , 2017 , 127-136	0.1	
136	Coating titanium on carbon steel by in-situ electrochemical reduction of solid TiO ₂ layer. <i>Transactions of Nonferrous Metals Society of China</i> , 2017 , 27, 134-140	3.3	2
135	Oriented growth of layered-MnO ₂ nanosheets over MnO ₂ nanotubes for enhanced room-temperature HCHO oxidation. <i>Applied Catalysis B: Environmental</i> , 2017 , 207, 233-243	21.8	107
134	Electrochemical Synthesis of Nano-Metallic Carbides from the Mixtures of Metal Oxide and Graphite. <i>Journal of the Electrochemical Society</i> , 2017 , 164, E144-E150	3.9	20
133	Tough and strong porous bioactive glass-PLA composites for structural bone repair. <i>Journal of Materials Science</i> , 2017 , 52, 9039-9054	4.3	14
132	Flue-Gas-Derived Sulfur-Doped Carbon with Enhanced Capacitance. <i>Advanced Sustainable Systems</i> , 2017 , 1, 1700047	5.9	19
131	Microbubble effect-assisted electrolytic synthesis of hollow carbon spheres from CO ₂ . <i>Journal of Materials Chemistry A</i> , 2017 , 5, 12822-12827	13	36
130	Robocasting of silicon nitride with controllable shape and architecture for biomedical applications. <i>International Journal of Applied Ceramic Technology</i> , 2017 , 14, 117-127	2	30
129	The lithium storage performance of electrolytic-carbon from CO ₂ . <i>Journal of Power Sources</i> , 2017 , 341, 419-426	8.9	14
128	Review - bioactive glass implants for potential application in structural bone repair. <i>Biomedical Glasses</i> , 2017 , 3,	2.7	12
127	Enhanced electrocatalysis performance of amorphous electrolytic carbon from CO ₂ for oxygen reduction by surface modification in molten salt. <i>Electrochimica Acta</i> , 2017 , 253, 248-256	6.7	8

126	Synthesis of nanostructured graphite via molten salt reduction of CO ₂ and SO ₂ at a relatively low temperature. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20603-20607	13	24
125	Pore volume and distribution regulation of highly nanoporous titanium dioxide nanofibers and their photovoltaic properties. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 74-83	9.3	13
124	Characterization and adsorption properties of the electrolytic carbon derived from CO ₂ conversion in molten salts. <i>Carbon</i> , 2017 , 111, 162-172	10.4	30
123	Alternative Splicing of EZH2 pre-mRNA by SF3B3 Contributes to the Tumorigenic Potential of Renal Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 3428-3441	12.9	59
122	Photocatalytic degradation of sulfamethazine by graphitic carbon nitride-modified zinc molybdate: Effects of synthesis method on performance, degradation kinetics, and mechanism. <i>Chinese Journal of Catalysis</i> , 2017 , 38, 2009-2020	11.3	26
121	Influence of Cu doping in borosilicate bioactive glass and the properties of its derived scaffolds. <i>Materials Science and Engineering C</i> , 2016 , 58, 194-203	8.3	31
120	Green production of nickel powder by electro-reduction of NiO in molten Na ₂ CO ₃ /K ₂ CO ₃ . <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 18699-18705	6.7	29
119	One-step molten salt carbonization (MSC) of firwood biomass for capacitive carbon. <i>RSC Advances</i> , 2016 , 6, 106485-106490	3.7	37
118	Electrolytic Formation of Crystalline Silicon/Germanium Alloy Nanotubes and Hollow Particles with Enhanced Lithium-Storage Properties. <i>Angewandte Chemie</i> , 2016 , 128, 7553-7557	3.6	13
117	Preparation and application of capacitive carbon from bamboo shells by one step molten carbonates carbonization. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 18713-18720	6.7	43
116	Electrolytic Formation of Crystalline Silicon/Germanium Alloy Nanotubes and Hollow Particles with Enhanced Lithium-Storage Properties. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7427-31	16.4	131
115	Long-term bone regeneration, mineralization and angiogenesis in rat calvarial defects implanted with strong porous bioactive glass (13B3) scaffolds. <i>Journal of Non-Crystalline Solids</i> , 2016 , 432, 120-129	3.9	13
114	miR-206 functions as a novel cell cycle regulator and tumor suppressor in clear-cell renal cell carcinoma. <i>Cancer Letters</i> , 2016 , 374, 107-116	9.9	49
113	Regulation of glucose metabolism by p62/SQSTM1 through HIF1 α . <i>Journal of Cell Science</i> , 2016 , 129, 817-30	5.3	19
112	miR-490-5p suppresses tumour growth in renal cell carcinoma through targeting PIK3CA. <i>Biology of the Cell</i> , 2016 , 108, 41-50	3.5	34
111	Preparation of resorbable carbonate-substituted hollow hydroxyapatite microspheres and their evaluation in osseous defects in vivo. <i>Materials Science and Engineering C</i> , 2016 , 60, 324-332	8.3	32
110	Rare metals preparation by electro-reduction of solid compounds in high-temperature molten salts. <i>Rare Metals</i> , 2016 , 35, 581-590	5.5	13
109	Iron electrolysis-assisted peroxymonosulfate chemical oxidation for the remediation of chlorophenol-contaminated groundwater. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 938-947	3.5	10

108	Creation of bioactive glass (13-93) scaffolds for structural bone repair using a combined finite element modeling and rapid prototyping approach. <i>Materials Science and Engineering C</i> , 2016 , 68, 651-662	8.3	23
107	Hollow structured CoSn(OH) ₆ -supported Pt for effective room-temperature oxidation of gaseous formaldehyde. <i>Functional Materials Letters</i> , 2016 , 09, 1642009	1.2	4
106	Sulfur doped reduced graphene oxides with enhanced catalytic activity for oxygen reduction via molten salt redox-sulfidation. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 32653-32657	3.6	9
105	Effect of copper-doped silicate 13-93 bioactive glass scaffolds on the response of MC3T3-E1 cells in vitro and on bone regeneration and angiogenesis in rat calvarial defects in vivo. <i>Materials Science and Engineering C</i> , 2016 , 67, 440-452	8.3	56
104	Core-shell Mn ₃ O ₄ /birnessite-MnO ₂ hierarchical structure with enhanced adsorption towards methylene blue. <i>Functional Materials Letters</i> , 2016 , 09, 1650020	1.2	4
103	Molten-salt treatment of waste biomass for preparation of carbon with enhanced capacitive properties and electrocatalytic activity towards oxygen reduction. <i>Faraday Discussions</i> , 2016 , 190, 147-59	3.6	31
102	Molten salt CO ₂ capture and electro-transformation (MSCC-ET) into capacitive carbon at medium temperature: effect of the electrolyte composition. <i>Faraday Discussions</i> , 2016 , 190, 241-58	3.6	33
101	Kinetic and Thermodynamic Characterization of Enhanced Carbon Dioxide Absorption Process with Lithium Oxide-Containing Ternary Molten Carbonate. <i>Environmental Science & Technology</i> , 2016 , 50, 10588-10595	10.3	33
100	Hierarchical MoS ₂ /GO nanosheets with high MoS ₂ loading with enhanced electro-catalytic performance. <i>Applied Surface Science</i> , 2015 , 358, 152-158	6.7	87
99	Three-dimensional zinc incorporated borosilicate bioactive glass scaffolds for rodent critical-sized calvarial defects repair and regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 130, 149-56	6	26
98	Electrolytic calcium hexaboride for high capacity anode of aqueous primary batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15184-15189	13	19
97	Preparation of a porous nanostructured germanium from GeO ₂ via a reduction-alloying dealloying approach. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1427-1430	13	20
96	Synergetic effect of the mineralization of organic contaminants by a combined use of permanganate and peroxymonosulfate. <i>Separation and Purification Technology</i> , 2015 , 144, 248-255	8.3	7
95	Enhanced capacitive properties of commercial activated carbon by re-activation in molten carbonates. <i>Journal of Power Sources</i> , 2015 , 298, 74-82	8.9	33
94	g-C ₃ N ₄ Modified biochar as an adsorptive and photocatalytic material for decontamination of aqueous organic pollutants. <i>Applied Surface Science</i> , 2015 , 358, 231-239	6.7	94
93	Interleukin-33 ameliorates ischemic brain injury in experimental stroke through promoting Th2 response and suppressing Th17 response. <i>Brain Research</i> , 2015 , 1597, 86-94	3.7	76
92	Use of surfactants for the remediation of contaminated soils: a review. <i>Journal of Hazardous Materials</i> , 2015 , 285, 419-35	12.8	466
91	Comparison on carbon coating over silica spheres with different carbon sources. <i>Materials Technology</i> , 2015 , 30, A94-A98	2.1	2

90	Osteoconductive and Osteoinductive Implants Composed of Hollow Hydroxyapatite Microspheres. <i>Ceramic Engineering and Science Proceedings</i> , 2015 , 65-79	0.1	1
89	Effects of the interaction between TiO ₂ with different percentages of exposed {001} facets and Cu(2+) on biotoxicity in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2015 , 5, 11121	4.9	11
88	Global analysis of DNA methylation in hepatocellular carcinoma by a liquid hybridization capture-based bisulfite sequencing approach. <i>Clinical Epigenetics</i> , 2015 , 7, 86	7.7	27
87	Formation of Yolk-Shelled Ni ₃ Co Mixed Oxide Nanoprisms with Enhanced Electrochemical Performance for Hybrid Supercapacitors and Lithium Ion Batteries. <i>Advanced Energy Materials</i> , 2015 , 5, 1500981	21.8	258
86	TiO ₂ Photocatalytic Materials 2014. <i>International Journal of Photoenergy</i> , 2015 , 2015, 1-2	2.1	
85	Ultrahigh aniline-removal capacity of hierarchically structured layered manganese oxides: trapping aniline between interlayers. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8676-8682	13	25
84	Directing carbon nanotubes from aqueous phase to o/w interface for heavy metal uptaking. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 14201-8	5.1	5
83	High-efficiency dye-sensitized solar cells based on electrospun TiO ₂ multi-layered composite film photoanodes. <i>Energy</i> , 2015 , 86, 196-203	7.9	49
82	Room-temperature oxidation of gaseous HCHO over metal molybdate nanorods with Pt as co-catalysts. <i>Functional Materials Letters</i> , 2015 , 08, 1550079	1.2	2
81	Enhanced adsorption of aqueous perchlorate on quaternary ammonium chloride surfactant-modified activated carbon fibers. <i>Desalination and Water Treatment</i> , 2015 , 55, 484-495		3
80	LncRNA MALAT1 functions as a competing endogenous RNA to regulate ZEB2 expression by sponging miR-200s in clear cell kidney carcinoma. <i>Oncotarget</i> , 2015 , 6, 38005-15	3.3	158
79	The electrochemical reduction processes of solid compounds in high temperature molten salts. <i>Chemical Society Reviews</i> , 2014 , 43, 3215-28	58.5	151
78	Morphology-dependent photocatalytic H ₂ -production activity of CdS. <i>Applied Catalysis B: Environmental</i> , 2014 , 156-157, 184-191	21.8	295
77	Microwave-assisted hydrothermal synthesis of graphene based Au/TiO ₂ photocatalysts for efficient visible-light hydrogen production. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3847-3855	13	285
76	Electrochemical extraction of Ti ₅ Si ₃ silicide from multicomponent Ti/Si-containing metal oxide compounds in molten salt. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 7421	13	39
75	Synthesis and characterization of Mn-based composite oxides with enhanced electrocatalytic activity for oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13345-13351	13	16
74	Photocatalytic reduction of CO ₂ into hydrocarbon solar fuels over g-C ₃ N ₄ -Pt nanocomposite photocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 11492-501	3.6	376
73	Pseudogene PTENP1 functions as a competing endogenous RNA to suppress clear-cell renal cell carcinoma progression. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 3086-97	6.1	150

72	Direct Z-scheme anatase/rutile bi-phase nanocomposite TiO ₂ nanofiber photocatalyst with enhanced photocatalytic H ₂ -production activity. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 15394-15402	6.7	191
71	Harvesting capacitive carbon by carbonization of waste biomass in molten salts. <i>Environmental Science & Technology</i> , 2014 , 48, 8101-8	10.3	116
70	Role of microRNA-27a in down-regulation of angiogenic factor AGGF1 under hypoxia associated with high-grade bladder urothelial carcinoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 712-25	6.9	40
69	Epigenetic inactivation of KLF4 is associated with urothelial cancer progression and early recurrence. <i>Journal of Urology</i> , 2014 , 191, 493-501	2.5	36
68	Electropolymerization of PEDOT on CNTs conductive network assembled at water/oil interface. <i>Electrochimica Acta</i> , 2014 , 136, 97-104	6.7	19
67	miRNA-34a suppresses cell proliferation and metastasis by targeting CD44 in human renal carcinoma cells. <i>Journal of Urology</i> , 2014 , 192, 1229-37	2.5	56
66	Reaction Routes for the Electro-Deoxidation of Ilmenite in Molten Salt. <i>Advanced Materials Research</i> , 2014 , 937, 58-63	0.5	1
65	MicroRNA-10b promotes migration and invasion through KLF4 and HOXD10 in human bladder cancer. <i>Oncology Reports</i> , 2014 , 31, 1832-8	3.5	81
64	Enhanced photocatalytic hydrogen-production performance of graphene-Zn(x)Cd(1-x)S composites by using an organic S source. <i>Chemistry - A European Journal</i> , 2014 , 20, 1176-85	4.8	140
63	MicroRNA-34a functions as an anti-metastatic microRNA and suppresses angiogenesis in bladder cancer by directly targeting CD44. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014 , 33, 779	12.8	73
62	Cisplatin-induced epigenetic activation of miR-34a sensitizes bladder cancer cells to chemotherapy. <i>Molecular Cancer</i> , 2014 , 13, 8	42.1	36
61	<i>Pseudomonas aeruginosa</i> -mannose-sensitive hemagglutinin inhibits epidermal growth factor receptor signaling pathway activation and induces apoptosis in bladder cancer cells in vitro and in vivo. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014 , 32, 36.e11-8	2.8	7
60	NaOH-modified ceramic honeycomb with enhanced formaldehyde adsorption and removal performance. <i>Environmental Science & Technology</i> , 2013 , 47, 9928-33	10.3	129
59	Over-expression of LRRIG3 suppresses growth and invasion of bladder cancer cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013 , 33, 111-116		4
58	Inert Anode Development for High-Temperature Molten Salts 2013 , 171-186		7
57	Electropolymerization of polypyrrole at the three-phase interline: Influence of polymerization conditions. <i>Electrochimica Acta</i> , 2013 , 92, 108-116	6.7	20
56	Near-Net-Shape Production of Hollow Titanium Alloy Components via Electrochemical Reduction of Metal Oxide Precursors in Molten Salts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2013 , 44, 272-282	2.5	28
55	Enhanced photocatalytic performance of direct Z-scheme g-C ₃ N ₄ -TiO ₂ photocatalysts for the decomposition of formaldehyde in air. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 16883-90	3.6	947

54	Effects of applied voltage and temperature on the electrochemical production of carbon powders from CO ₂ in molten salt with an inert anode. <i>Electrochimica Acta</i> , 2013 , 114, 567-573	6.7	67
53	Hierarchically porous MnO ₂ microspheres with enhanced adsorption performance. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11682	13	163
52	Microemulsion-assisted preparation of a mesoporous ferrihydrite/SiO ₂ composite for the efficient removal of formaldehyde from air. <i>Chemistry - A European Journal</i> , 2013 , 19, 9592-8	4.8	78
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