

Lifeng Cui

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121
papers

4,327
citations

35
h-index

62
g-index

126
ext. papers

5,548
ext. citations

8.7
avg, IF

6.04
L-index

#	Paper	IF	Citations
121	Facile preparation of Z-scheme WO ₃ /g-C ₃ N ₄ composite photocatalyst with enhanced photocatalytic performance under visible light. <i>Applied Surface Science</i> , 2017 , 391, 202-210	6.7	251
120	Lightweight, Mesoporous, and Highly Absorptive All-Nanofiber Aerogel for Efficient Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1104-1112	9.5	227
119	Ordered mesoporous CeO ₂ -TiO ₂ composites: Highly efficient photocatalysts for the reduction of CO ₂ with H ₂ O under simulated solar irradiation. <i>Applied Catalysis B: Environmental</i> , 2013 , 130-131, 277-284	21.8	214
118	Adsorption/desorption kinetics and breakthrough of gaseous toluene for modified microporous-mesoporous UiO-66 metal organic framework. <i>Journal of Hazardous Materials</i> , 2019 , 366, 140-150	12.8	178
117	Constructing Highly Uniform Onion-Ring-like Graphitic Carbon Nitride for Efficient Visible-Light-Driven Photocatalytic Hydrogen Evolution. <i>ACS Nano</i> , 2018 , 12, 5551-5558	16.7	161
116	Enhanced photocatalytic performance of ordered mesoporous Fe-doped CeO ₂ catalysts for the reduction of CO ₂ with H ₂ O under simulated solar irradiation. <i>Applied Catalysis B: Environmental</i> , 2014 , 147, 602-609	21.8	152
115	Synthesis of highly efficient Mn ₂ O ₃ catalysts for CO oxidation derived from Mn-MIL-100. <i>Applied Surface Science</i> , 2017 , 411, 27-33	6.7	136
114	Comparing activated carbon of different particle sizes on enhancing methane generation in upflow anaerobic digester. <i>Bioresource Technology</i> , 2015 , 196, 606-12	11	134
113	High and stable catalytic activity of Ag/Fe ₂ O ₃ catalysts derived from MOFs for CO oxidation. <i>Molecular Catalysis</i> , 2018 , 447, 80-89	3.3	128
112	Preparation and electrochemical properties of Ca-doped Li ₄ Ti ₅ O ₁₂ as anode materials in lithium-ion battery. <i>Electrochimica Acta</i> , 2013 , 98, 146-152	6.7	126
111	Reusable N-Heterocyclic Carbene Complex Catalysts and Beyond: A Perspective on Recycling Strategies. <i>Chemical Reviews</i> , 2018 , 118, 9843-9929	68.1	115
110	In-situ fabrication of needle-shaped MIL-53(Fe) with 1T-MoS ₂ and study on its enhanced photocatalytic mechanism of ibuprofen. <i>Chemical Engineering Journal</i> , 2019 , 359, 254-264	14.7	114
109	Facile One-Step Synthesis of Hybrid Graphitic Carbon Nitride and Carbon Composites as High-Performance Catalysts for CO ₂ Photocatalytic Conversion. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17212-9	9.5	109
108	Review of construction and demolition waste management in China and USA. <i>Journal of Environmental Management</i> , 2020 , 264, 110445	7.9	83
107	Catalytic oxidation of toluene using a facile synthesized Ag nanoparticle supported on UiO-66 derivative. <i>Journal of Colloid and Interface Science</i> , 2020 , 571, 38-47	9.3	78
106	Synthesis of Mo-doped graphitic carbon nitride catalysts and their photocatalytic activity in the reduction of CO ₂ with H ₂ O. <i>Catalysis Communications</i> , 2016 , 74, 75-79	3.2	76
105	High-performance MgCo ₂ O ₄ nanocone arrays grown on three-dimensional nickel foams: Preparation and application as binder-free electrode for pseudo-supercapacitor. <i>Journal of Power Sources</i> , 2016 , 333, 118-124	8.9	73

104	Fast flash frozen synthesis of holey few-layer g-C ₃ N ₄ with high enhancement of photocatalytic reactive oxygen species evolution under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2017 , 211, 266-274	21.8	70
103	A High-Performance, Low-Tortuosity Wood-Carbon Monolith Reactor. <i>Advanced Materials</i> , 2017 , 29, 1604257	4.57	69
102	Interconnected Phosphorus and Nitrogen Codoped Porous Exfoliated Carbon Nanosheets for High-Rate Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17317-17325	9.5	68
101	Study of catalytic activity at the Ag/Al-SBA-15 catalysts for CO oxidation and selective CO oxidation. <i>Chemical Engineering Journal</i> , 2016 , 283, 1097-1107	14.7	63
100	Facile fabrication of nano-sized hollow-CdS@g-C ₃ N ₄ Core-shell spheres for efficient visible-light-driven hydrogen evolution. <i>Applied Surface Science</i> , 2018 , 456, 464-472	6.7	63
99	Scalable and clean exfoliation of graphitic carbon nitride in NaClO solution: enriched surface active sites for enhanced photocatalytic H ₂ evolution. <i>Green Chemistry</i> , 2018 , 20, 1354-1361	10	62
98	Synthesis of highly efficient Fe ₂ O ₃ catalysts for CO oxidation derived from MIL-100(Fe). <i>Journal of Solid State Chemistry</i> , 2017 , 247, 168-172	3.3	59
97	Preferential carbon monoxide oxidation on Ag/Al-SBA-15 catalysts: Effect of the Si/Al ratio. <i>Chemical Engineering Journal</i> , 2015 , 269, 94-104	14.7	54
96	CuO/Cu ₂ O nanowire arrays grafted by reduced graphene oxide: synthesis, characterization, and application in photocatalytic reduction of CO ₂ . <i>RSC Advances</i> , 2017 , 7, 43642-43647	3.7	51
95	Heterogeneous lamellar-edged Fe-Ni(OH) ₂ /Ni ₃ S ₂ nanoarray for efficient and stable seawater oxidation. <i>Nano Research</i> , 2021 , 14, 1149-1155	10	48
94	Core-shell CdS@MnS nanorods as highly efficient photocatalysts for visible light driven hydrogen evolution. <i>Applied Surface Science</i> , 2018 , 457, 863-869	6.7	45
93	In-situ homodispersely immobilization of Ag@AgCl on chloridized g-C ₃ N ₄ nanosheets as an ultrastable plasmonic photocatalyst. <i>Chemical Engineering Journal</i> , 2020 , 384, 123259	14.7	45
92	Ultrastable metal-free near-infrared-driven photocatalysts for H ₂ production based on protonated 2D g-C ₃ N ₄ sensitized with Chlorin e6. <i>Applied Catalysis B: Environmental</i> , 2020 , 260, 118137	21.8	45
91	Facile synthesis of Y-doped graphitic carbon nitride with enhanced photocatalytic performance. <i>Catalysis Communications</i> , 2016 , 84, 179-182	3.2	44
90	"Alternated cooling and heating" strategy enables rapid fabrication of highly-crystalline g-C ₃ N ₄ nanosheets for efficient photocatalytic water purification under visible light irradiation. <i>Carbon</i> , 2018 , 137, 19-30	10.4	43
89	Simple synthesis of Zr-doped graphitic carbon nitride towards enhanced photocatalytic performance under simulated solar light irradiation. <i>Catalysis Communications</i> , 2015 , 72, 24-28	3.2	41
88	Effects of Preparation Method on the Structure and Catalytic Activity of AgFe ₂ O ₃ Catalysts Derived from MOFs. <i>Catalysts</i> , 2017 , 7, 382	4	40
87	General synthesis of magnetic mesoporous FeNi/graphitic carbon nanocomposites and their application for dye adsorption. <i>Journal of Alloys and Compounds</i> , 2015 , 627, 7-12	5.7	35

86	Multidimensional Integrated Chalcogenides Nanoarchitecture Achieves Highly Stable and Ultrafast Potassium-Ion Storage. <i>Small</i> , 2019 , 15, e1903720	11	34
85	Direct synthesis of interconnected N, S-codoped porous exfoliated carbon nanosheets as advanced electrocatalysts for oxygen reduction reaction. <i>Carbon</i> , 2017 , 122, 114-121	10.4	32
84	Simple synthesis of metallic Sn nanocrystals embedded in graphitic ordered mesoporous carbon walls as superior anode materials for lithium ion batteries. <i>Journal of Power Sources</i> , 2012 , 219, 89-93	8.9	32
83	Flexible nanocellulose enhanced Li ⁺ conducting membrane for solid polymer electrolyte. <i>Energy Storage Materials</i> , 2020 , 28, 293-299	19.4	31
82	Hierarchically mesostructured TiO ₂ /graphitic carbon composite as a new efficient photocatalyst for the reduction of CO ₂ under simulated solar irradiation. <i>Catalysis Science and Technology</i> , 2013 , 3, 3286	5.5	30
81	Ultrahigh-temperature conversion of biomass to highly conductive graphitic carbon. <i>Carbon</i> , 2019 , 144, 241-248	10.4	28
80	Ultrafast plasma immersion strategy for rational modulation of oxygen-containing and amino groups in graphitic carbon nitride. <i>Carbon</i> , 2020 , 159, 51-64	10.4	27
79	Hierarchically porous carbon derived from potassium-citrate-loaded poplar catkin for high performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 940-949	9.3	25
78	Surface Amino Group Regulation and Structural Engineering of Graphitic Carbon Nitride with Enhanced Photocatalytic Activity by Ultrafast Ammonia Plasma Immersion Modification. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14952-14959	9.5	24
77	Dramatic Enhancement of CO ₂ Photoreduction by Biodegradable Light-Management Paper. <i>Advanced Energy Materials</i> , 2018 , 8, 1703136	21.8	24
76	Biotemplating Synthesis of Graphitic Carbon-Coated TiO ₂ and Its Application as Efficient Visible-Light-Driven Photocatalyst for Cr ⁶⁺ Remove. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3938-3944	8.3	23
75	Graphitic carbon nitride-stabilized CdS@CoS nanorods: An efficient visible-light-driven photocatalyst for hydrogen evolution with enhanced photo-corrosion resistance. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 28183-28192	6.7	23
74	Oxygen vacancy-rich nitrogen-doped CoO nanosheets as an efficient water-resistant catalyst for low temperature CO oxidation. <i>Journal of Colloid and Interface Science</i> , 2019 , 553, 427-435	9.3	23
73	Three-dimensional mesoporous sandwich-like g-CN-interconnected CuCoO nanowires arrays as ultrastable anode for fast lithium storage. <i>Journal of Colloid and Interface Science</i> , 2019 , 554, 269-277	9.3	22
72	Recent Advances in Supported Metal Catalysts and Oxide Catalysts for the Reverse Water-Gas Shift Reaction. <i>Frontiers in Chemistry</i> , 2020 , 8, 709	5	22
71	A new perspective of lanthanide metal-organic frameworks: tailoring Dy-BTC nanospheres for rechargeable Li-O batteries. <i>Nanoscale</i> , 2020 , 12, 9524-9532	7.7	21
70	Research advances in biomass-derived nanostructured carbons and their composite materials for electrochemical energy technologies. <i>Progress in Materials Science</i> , 2021 , 118, 100770	42.2	21
69	Boosting catalytic degradation efficiency by incorporation of MIL-53(Fe) with Ti ₃ C ₂ T _x nanosheets. <i>Journal of Molecular Liquids</i> , 2020 , 311, 113201	6	19

68	A functional hyperbranched binder enabling ultra-stable sulfur cathode for high-performance lithium-sulfur battery. <i>Journal of Energy Chemistry</i> , 2020 , 50, 63-72	12	19
67	Facile synthesis of 3D flower-like mesoporous Ce-ZnO at room temperature for the sunlight-driven photocatalytic degradations of RhB and phenol. <i>Journal of Colloid and Interface Science</i> , 2019 , 556, 726-733	8.3	17
66	A robust flame retardant fluorinated polyimide nanofiber separator for high-temperature lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 14788-14798	13	17
65	Controllable synthesis of nitrogen-doped carbon containing Co and CoFe nanoparticles as effective catalysts for electrochemical oxygen conversion. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 622-631	8.31	17
64	Effect of support calcination temperature on Ag structure and catalytic activity for CO oxidation. <i>Chemical Research in Chinese Universities</i> , 2016 , 32, 455-460	2.2	16
63	Boosting near-infrared-driven photocatalytic H ₂ evolution using protoporphyrin-sensitized g-C ₃ N ₄ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 396, 112517	4.7	15
62	Cobalt and Nitrogen Co-Doped Graphene-Carbon Nanotube Aerogel as an Efficient Bifunctional Electrocatalyst for Oxygen Reduction and Evolution Reactions. <i>Catalysts</i> , 2018 , 8, 275	4	15
61	ZnO nanorod arrays grown on g-CN micro-sheets for enhanced visible light photocatalytic H ₂ evolution.. <i>RSC Advances</i> , 2019 , 9, 24483-24488	3.7	15
60	Constructing ultrathin g-C ₃ N ₄ nanosheets with hierarchical pores by NaClO induced wet etching for efficient photocatalytic Cr(VI) detoxification under visible light irradiation. <i>Diamond and Related Materials</i> , 2018 , 88, 51-59	3.5	15
59	Enhanced efficiency and stability of Co _{0.5} Cd _{0.5} /g-C ₃ N ₄ composite photo-catalysts for hydrogen evolution from water under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 5741-5748	6.7	14
58	Lignin based synthesis of carbon nanocages assembled from graphitic layers with hierarchical pore structure. <i>Materials Letters</i> , 2015 , 159, 463-465	3.3	14
57	Mesoporous black TiO ₂ array employing sputtered Au cocatalyst exhibiting efficient charge separation and high H ₂ evolution activity. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 22265-22272	6.7	14
56	Efficient Photocatalytic Bilirubin Removal over the Biocompatible Core/Shell P25/g-CN Heterojunctions with Metal-free Exposed Surfaces under Moderate Green Light Irradiation. <i>Scientific Reports</i> , 2017 , 7, 44338	4.9	13
55	A urea-assisted template method to synthesize mesoporous N-doped CeO ₂ for CO ₂ capture. <i>Dalton Transactions</i> , 2015 , 44, 18718-22	4.3	13
54	Graphitic carbon embedded with Fe/Ni nano-catalysts derived from bacterial precursor for efficient toluene cracking. <i>Green Chemistry</i> , 2020 , 22, 1934-1943	10	13
53	In situ integration of CoN and CoFe alloy nanoparticles into intertwined carbon network for efficient oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2020 , 569, 267-276	9.3	13
52	Efficient visible-light-driven hydrogen evolution over ternary MoS ₂ /PtTiO ₂ photocatalysts with low overpotential. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 16534-16542	6.7	13
51	Engineering of anatase/rutile TiO heterophase junction via in-situ phase transformation for enhanced photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 795-804	8.3	13

50	Surfactant-assisted Nanocasting Route for Synthesis of Highly Ordered Mesoporous Graphitic Carbon and Its Application in CO ₂ Adsorption. <i>Scientific Reports</i> , 2016 , 6, 26673	4.9	12
49	Heterogeneous catalysis of CO ₂ -diethanolamine absorption with MgCO ₃ and CaCO ₃ and comparing to non-catalytic CO ₂ -monoethanolamine interactions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017 , 122, 539-555	1.6	12
48	An instant, biocompatible and biodegradable high-performance graphitic carbon nitride. <i>Journal of Colloid and Interface Science</i> , 2020 , 563, 336-346	9.3	12
47	Amine regeneration tests on MEA, DEA, and MMEA with respect to carbamate stability analyses. <i>Canadian Journal of Chemical Engineering</i> , 2017 , 95, 1471-1479	2.3	11
46	Tungsten nitride atomic clusters embedded two-dimensional g-C ₃ N ₄ as efficient electrocatalysts for oxygen reduction reaction. <i>Carbon</i> , 2020 , 169, 82-91	10.4	11
45	Facile fabrication of Mn-doped ZnO photocatalysts by electrospinning. <i>Royal Society Open Science</i> , 2020 , 7, 191050	3.3	11
44	Enhanced flux and fouling resistance forward osmosis membrane based on a hydrogel/MOF hybrid selective layer. <i>Journal of Colloid and Interface Science</i> , 2021 , 585, 158-166	9.3	11
43	Accelerating the redox kinetics by catalytic activation of lead sulfide in lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 13442-13458	13	11
42	Substrate-mediated growth of vanadium carbide with controllable structure as high performance electrocatalysts for dye-sensitized solar cells. <i>RSC Advances</i> , 2017 , 7, 26710-26716	3.7	10
41	Highly doped N, S-Codoped carbon nanomeshes for excellent electrocapacitive performance. <i>Journal of Alloys and Compounds</i> , 2019 , 803, 704-710	5.7	10
40	Protonated 2D carbon nitride sensitized with Ce6 as a smart metal-free nanoplatform for boosted acute multimodal photo-sono tumor inactivation and long-term cancer immunotherapy. <i>Chemical Engineering Journal</i> , 2021 , 422, 130089	14.7	10
39	Polymeric structure optimization of g-CN by using confined argon-assisted highly-ionized ammonia plasma for improved photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2019 , 556, 214-223	9.3	9
38	Self-supporting S@GO-FWCNTs composite films as positive electrodes for high-performance lithium-sulfur batteries. <i>RSC Advances</i> , 2018 , 8, 2260-2266	3.7	9
37	Reversible conductivity recovery of highly sensitive flexible devices by water vapor. <i>Npj Flexible Electronics</i> , 2018 , 2,	10.7	9
36	Nitrogen and Phosphate Recovery from Source-Separated Urine by Dosing with Magnesite and Zeolite. <i>Polish Journal of Environmental Studies</i> , 2015 , 24, 2269-2275	2.3	8
35	Honeycomb-like g-C ₃ N ₄ /CeO ₂ -x nanosheets obtained via one step hydrothermal-roasting for efficient and stable Cr(VI) photo-reduction. <i>Chinese Chemical Letters</i> , 2020 , 31, 2747-2751	8.1	8
34	Regulation of carboxyl groups and structural defects of graphitic carbon nitride via environmental-friendly glucose oxidase ring-opening modulation. <i>Applied Catalysis B: Environmental</i> , 2021 , 297, 120441	21.8	8
33	Reduced graphene oxide wrap buffering volume expansion of MnSnO anodes for enhanced stability in lithium-ion batteries. <i>Dalton Transactions</i> , 2019 , 48, 504-511	4.3	7

32	Simple synthesis of mesoporous FeNi/graphitic carbon nanocomposite catalysts and study on their activities in catalytic cracking of toluene. <i>Materials Chemistry and Physics</i> , 2015 , 167, 347-353	4.4	7
31	Self-assembled CdS@BN core-shell photocatalysts for efficient visible-light-driven photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 14841-14848	6.7	7
30	Dramatic enhancement of photocatalytic H evolution over hydrolyzed MOF-5 coupled ZnCdS heterojunction. <i>Journal of Colloid and Interface Science</i> , 2020 , 577, 233-241	9.3	7
29	Mesoporous structure and amorphous Fe-N sites regulation in Fe-g-CN for boosted visible-light-driven photo-Fenton reaction. <i>Journal of Colloid and Interface Science</i> , 2021 , 608, 2515-2515	9.3	7
28	Boosting potassium-ion storage in large-diameter carbon nanotubes/MoP hybrid. <i>Journal of Colloid and Interface Science</i> , 2021 , 584, 875-884	9.3	7
27	Recent advancement and future challenges of photothermal catalysis for VOCs elimination: From catalyst design to applications. <i>Green Energy and Environment</i> , 2022 ,	5.7	7
26	Study of Catalytic CO ₂ Absorption and Desorption with Tertiary Amine DEEA and 1DMA-2P with the Aid of Solid Acid and Solid Alkaline Chemicals. <i>Molecules</i> , 2019 , 24,	4.8	6
25	ZnO nanorod arrays on cubic Ag ₃ PO ₄ microcrystals with enhanced photocatalytic property. <i>Materials Letters</i> , 2015 , 159, 325-328	3.3	6
24	Highly dispersed Co ₄ N nanoparticles coated by g-C ₃ N ₄ nanotube: An active bifunctional electrocatalyst for oxygen reduction and oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2021 , 413, 127954	14.7	6
23	Graphitic Carbon Nitride Sputtered with Silver Nanoparticles for Efficient Photocatalytic Degradation of Rhodamine B Dye. <i>International Journal of Electrochemical Science</i> , 2018 , 4981-4990	2.2	6
22	A facile strategy to synthesize Pd/TiO ₂ nanotube arrays with high visible light photocatalytic performance. <i>Research on Chemical Intermediates</i> , 2019 , 45, 2167-2177	2.8	5
21	Peptoid-based hierarchically-structured biomimetic nanomaterials: Synthesis, characterization and applications. <i>Science China Materials</i> , 2020 , 63, 1099-1112	7.1	5
20	Eley-Rideal model of heterogeneous catalytic carbamate formation based on CO ₂ -MEA absorptions with CaCO ₃ , MgCO ₃ and BaCO ₃ . <i>Royal Society Open Science</i> , 2019 , 6, 190311	3.3	4
19	Simple solid-state method for synthesis of Li[Li _{0.20} Mn _{0.534} Ni _{0.133} Co _{0.133}]O ₂ cathode material with improved electrochemical performance in lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 525-531	2.6	4
18	A multifunctional polyimide nanofiber separator with a self-closing polyamide/polyvinyl alcohol top layer with a Turing structure for high-performance lithium/sulfur batteries. <i>Materials Advances</i> , 2020 , 1, 3449-3459	3.3	4
17	Moderate NaNO ₂ etching enables easy crystallinity optimization of g-C ₃ N ₄ with superior photoreduction performance. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1304-1311	6.8	3
16	Surface functionalized red fluorescent dual-metallic Au/Ag nanoclusters for endoplasmic reticulum imaging. <i>Mikrochimica Acta</i> , 2020 , 187, 606	5.8	3
15	Bacteria-motivated pore structure regulation of graphitic carbon nitride for enhanced H ₂ evaluation under visible light irradiation. <i>Materials Letters</i> , 2019 , 234, 208-211	3.3	3

14	Construction of hierarchically porous biomass carbon using iodine as pore-making agent for energy storage. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 351-359	9.3	3
13	Regulation of zeolite-derived upconversion photocatalytic system for near infrared light/ultrasound dual-triggered multimodal melanoma therapy under a boosted hypoxia relief tumor microenvironment via autophagy. <i>Chemical Engineering Journal</i> , 2022 , 429, 132484	14.7	3
12	Tryptone based synthesis of TiO ₂ @graphite carbon heterojunction with enhanced Photoreduction activity under visible light. <i>Catalysis Communications</i> , 2017 , 99, 71-74	3.2	2
11	Two-step calcination synthesis of Z-scheme Fe ₂ O ₃ /few-layer g-C ₃ N ₄ composite with enhanced hydrogen production and photodegradation under visible light. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 2050-2061	1.5	2
10	Facile synthesis of highly active fluorinated ultrathin graphitic carbon nitride for photocatalytic H evolution using a novel NaF etching strategy.. <i>RSC Advances</i> , 2018 , 8, 27021-27026	3.7	2
9	Fabrication of Ag/ZnO hollow nanospheres and cubic TiO ₂ /ZnO heterojunction photocatalysts for RhB degradation. <i>Nanotechnology Reviews</i> , 2021 , 10, 1349-1358	6.3	2
8	Preparation of Magnetic Iron/Graphitic Mesoporous Carbon Composites as Efficient Returnable Adsorbents for Methyl Orange Removal. <i>International Journal of Electrochemical Science</i> , 2016 , 8346-8353 ^{2,2}		2
7	The Ionic Organic Cage: An Effective and Recyclable Testbed for Catalytic CO ₂ Transformation. <i>Catalysts</i> , 2021 , 11, 358	4	1
6	Boosting CO methanation on ceria supported transition metal catalysts via chelation coupled wetness impregnation.. <i>Journal of Colloid and Interface Science</i> , 2022 , 620, 77-85	9.3	1
5	N/S co-doped CoSe/C nanocubes as anode materials for Li-ion batteries. <i>Nanotechnology Reviews</i> , 2021 , 11, 244-251	6.3	0
4	Facile template-free synthesis of mesoporous cobalt sulfide for high-performance hybrid supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 28663	2.1	
3	A high-capacity iron silicide-ir primary battery in an acidic saline electrolyte. <i>New Journal of Chemistry</i> , 2020 , 44, 1624-1631	3.6	
2	Effect of surface amphiphilic property of azobenzene self-assembled electrode materials on properties of supercapacitors. <i>Ionics</i> , 2020 , 26, 523-529	2.7	
1	Effect of Thicotinamide mononucleotide on tumor formation and growth in a lung cancer mouse model. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 995-1002	7.8	