

# Hexing Li

## List of Publications by Year in descending order

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225  
papers

14,632  
citations

13865

67  
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24258

110  
g-index

230  
all docs

230  
docs citations

230  
times ranked

16745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous Titania Spheres with Tunable Chamber Structure and Enhanced Photocatalytic Activity. <i>Journal of the American Chemical Society</i> , 2007, 129, 8406-8407.	13.7	1,119
2	Mesoporous Au/TiO <sub>2</sub> Nanocomposites with Enhanced Photocatalytic Activity. <i>Journal of the American Chemical Society</i> , 2007, 129, 4538-4539.	13.7	777
3	Nanotube-confinement induced size-controllable g-C <sub>3</sub> N <sub>4</sub> quantum dots modified single-crystalline TiO <sub>2</sub> nanotube arrays for stable synergetic photoelectrocatalysis. <i>Nano Energy</i> , 2016, 19, 446-454.	16.0	329
4	Supercritical Preparation of a Highly Active S-Doped TiO <sub>2</sub> Photocatalyst for Methylene Blue Mineralization. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4410-4414.	10.0	258
5	Highly Active TiO <sub>2</sub> N Photocatalysts Prepared by Treating TiO <sub>2</sub> Precursors in NH <sub>3</sub> /Ethanol Fluid under Supercritical Conditions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1559-1565.	2.6	257
6	Comprehensive suppression of single-molecule conductance using destructive $\pi$ -interference. <i>Nature</i> , 2018, 558, 415-419.	27.8	256
7	Magnetically recoverable nanoparticles as efficient catalysts for organic transformations in aqueous medium. <i>Green Chemistry</i> , 2014, 16, 3401-3427.	9.0	232
8	Comparative study on the mechanism in photocatalytic degradation of different-type organic dyes on SnS <sub>2</sub> and CdS. <i>Applied Catalysis B: Environmental</i> , 2012, 123-124, 174-181.	20.2	219
9	Photoelectrocatalytic degradation of organic pollutants via a CdS quantum dots enhanced TiO <sub>2</sub> nanotube array electrode under visible light irradiation. <i>Nanoscale</i> , 2013, 5, 2118.	5.6	205
10	Selective recovery of precious metals through photocatalysis. <i>Nature Sustainability</i> , 2021, 4, 618-626.	23.7	188
11	Microwave irradiation induced UiO-66-NH <sub>2</sub> anchored on graphene with high activity for photocatalytic reduction of CO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2018, 228, 47-53.	20.2	186
12	Enhanced Photocatalytic Degradation Performance by Fluid-Induced Piezoelectric Field. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7842-7848.	10.0	186
13	Plasmon-induced photoelectrocatalytic activity of Au nanoparticles enhanced TiO <sub>2</sub> nanotube arrays electrodes for environmental remediation. <i>Applied Catalysis B: Environmental</i> , 2015, 164, 217-224.	20.2	182
14	Solvothermally controllable synthesis of anatase TiO <sub>2</sub> nanocrystals with dominant {001} facets and enhanced photocatalytic activity. <i>CrystEngComm</i> , 2010, 12, 2219.	2.6	178
15	A Hybridized Power Panel to Simultaneously Generate Electricity from Sunlight, Raindrops, and Wind around the Clock. <i>Advanced Energy Materials</i> , 2015, 5, 1501152.	19.5	174
16	Self-Powered Electrostatic Filter with Enhanced Photocatalytic Degradation of Formaldehyde Based on Built-in Triboelectric Nanogenerators. <i>ACS Nano</i> , 2017, 11, 12411-12418.	14.6	169
17	Nanocrystalline Fe/TiO <sub>2</sub> Visible Photocatalyst with a Mesoporous Structure Prepared via a Nonhydrolytic Sol-Gel Route. <i>Journal of Physical Chemistry C</i> , 2007, 111, 18965-18969.	3.1	167
18	Unveiling the Role of Defects on Oxygen Activation and Photodegradation of Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13879-13886.	10.0	167

#	ARTICLE	IF	CITATIONS
19	In Situ High-Level Nitrogen Doping into Carbon Nanospheres and Boosting of Capacitive Charge Storage in Both Anode and Cathode for a High-Energy 4.5 V Full-Carbon Lithium-Ion Capacitor. Nano Letters, 2018, 18, 3368-3376.	9.1	163
20	Hierarchical Nanostructured WO <sub>3</sub> with Biomimetic Proton Channels and Mixed Ionic-Electronic Conductivity for Electrochemical Energy Storage. Nano Letters, 2015, 15, 6802-6808.	9.1	157
21	Wood-Derived Materials for Advanced Electrochemical Energy Storage Devices. Advanced Functional Materials, 2019, 29, 1902255.	14.9	157
22	Amine-Functionalized GO as an Active and Reusable Acid-Base Bifunctional Catalyst for One-Pot Cascade Reactions. ACS Catalysis, 2014, 4, 394-401.	11.2	154
23	Pt-Enhanced Mesoporous Ti <sup>3+</sup> /TiO <sub>2</sub> with Rapid Bulk to Surface Electron Transfer for Photocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2017, 9, 16959-16966.	8.0	147
24	Supersized contorted aromatics. Chemical Science, 2013, 4, 2018.	7.4	141
25	Ionothermal synthesis of black Ti <sup>3+</sup> -doped single-crystal TiO <sub>2</sub> as an active photocatalyst for pollutant degradation and H <sub>2</sub> generation. Journal of Materials Chemistry A, 2015, 3, 3748-3756.	10.3	141
26	Hollow spherical RuO <sub>2</sub> @TiO <sub>2</sub> @Pt bifunctional photocatalyst for coupled H <sub>2</sub> production and pollutant degradation. Applied Catalysis B: Environmental, 2016, 194, 42-49.	20.2	130
27	Bimetal MOF derived mesocrystal ZnCo <sub>2</sub> O <sub>4</sub> on rGO with High performance in visible-light photocatalytic NO oxidization. Applied Catalysis B: Environmental, 2018, 236, 304-313.	20.2	128
28	Recent Progress of Hybrid Solid-State Electrolytes for Lithium Batteries. Chemistry - A European Journal, 2018, 24, 18293-18306.	3.3	127
29	Highly active and durable Bi <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> visible photocatalyst in flower-like spheres with surface-enriched Bi <sub>2</sub> O <sub>3</sub> quantum dots. Applied Catalysis B: Environmental, 2011, 102, 120-125.	20.2	122
30	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. Angewandte Chemie - International Edition, 2020, 59, 17182-17186.	13.8	121
31	Au nanoparticles enhanced rutile TiO <sub>2</sub> nanorod bundles with high visible-light photocatalytic performance for NO oxidation. Applied Catalysis B: Environmental, 2014, 147, 610-616.	20.2	119
32	Glucose hydrogenation over Ni-B/SiO <sub>2</sub> amorphous alloy catalyst and the promoting effect of metal dopants. Catalysis Today, 2002, 74, 53-63.	4.4	116
33	Edge-Enriched Ultrathin MoS <sub>2</sub> Embedded Yolk-Shell TiO <sub>2</sub> with Boosted Charge Transfer for Superior Photocatalytic H <sub>2</sub> Evolution. Advanced Functional Materials, 2019, 29, 1901958.	14.9	115
34	Plasmonic silver quantum dots coupled with hierarchical TiO <sub>2</sub> nanotube arrays photoelectrodes for efficient visible-light photoelectrocatalytic hydrogen evolution. Scientific Reports, 2015, 5, 10461.	3.3	113
35	Copper Nanowires: A Substitute for Noble Metals to Enhance Photocatalytic H <sub>2</sub> Generation. Nano Letters, 2015, 15, 4853-4858.	9.1	111
36	Glucose Hydrogenation to Sorbitol over a Skeletal Ni-P Amorphous Alloy Catalyst (Raney Ni-P). Journal of Catalysis, 2000, 191, 257-260.	6.2	107

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37	Self-assembly of mesoporous Ni-B amorphous alloy catalysts. <i>Journal of Catalysis</i> , 2006, 244, 251-254.	6.2	105
38	Efficient Photocatalytic Fuel Cell via Simultaneous Visible-Photoelectrocatalytic Degradation and Electricity Generation on a Porous Coral-like WO <sub>3</sub> /W Photoelectrode. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3697-3706.	10.0	105
39	Chiral Conjugated Corrals. <i>Journal of the American Chemical Society</i> , 2015, 137, 9982-9987.	13.7	104
40	Lithiophilic CuO Nanoflowers on Ti-Mesh Inducing Lithium Lateral Plating Enabling Stable Lithium-Metal Anodes with Ultrahigh Rates and Ultralong Cycle Life. <i>Advanced Energy Materials</i> , 2019, 9, 1900853.	19.5	103
41	Synthesis of Ce ions doped metal-organic framework for promoting catalytic H <sub>2</sub> production from ammonia borane under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14134-14141.	10.3	102
42	Highly active TiO <sub>2</sub> -xNy visible photocatalyst prepared under supercritical conditions in NH <sub>4</sub> F/EtOH fluid. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 543-550.	20.2	101
43	Macrocyclization in the Design of Organic n-Type Electronic Materials. <i>Journal of the American Chemical Society</i> , 2016, 138, 12861-12867.	13.7	101
44	Microwave-assisted synthesis of Ag-doped MOFs-like organotitanium polymer with high activity in visible-light driven photocatalytic NO oxidization. <i>Applied Catalysis B: Environmental</i> , 2015, 172-173, 46-51.	20.2	98
45	Selective hydrogenation of cinnamaldehyde to cinnamyl alcohol over an ultrafine Co-B amorphous alloy catalyst. <i>Applied Catalysis A: General</i> , 2002, 225, 117-130.	4.3	97
46	Directing isomerization reactions of cumulenes with electric fields. <i>Nature Communications</i> , 2019, 10, 4482.	12.8	97
47	Microwave-Induced Metal Dissolution Synthesis of Core-Shell Copper Nanowires/ZnS for Visible Light Photocatalytic H <sub>2</sub> Evolution. <i>Advanced Energy Materials</i> , 2019, 9, 1900775.	19.5	97
48	Synergistic Ag/TiO <sub>2</sub> -N photocatalytic system and its enhanced antibacterial activity towards <i>Acinetobacter baumannii</i> . <i>Applied Catalysis B: Environmental</i> , 2018, 224, 175-182.	20.2	95
49	Cooperation between inside and outside of TiO <sub>2</sub> : Lattice Cu <sup>+</sup> accelerates carrier migration to the surface of metal copper for photocatalytic CO <sub>2</sub> reduction. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118515.	20.2	93
50	Liquid phase acetonitrile hydrogenation to ethylamine over a highly active and selective Ni-Co-B amorphous alloy catalyst. <i>Applied Catalysis A: General</i> , 2004, 275, 199-206.	4.3	90
51	Selective maltose hydrogenation to maltitol on a ternary Co-P-B amorphous catalyst and the synergistic effects of alloying B and P. <i>Applied Catalysis A: General</i> , 2007, 325, 34-40.	4.3	90
52	Ordered mesoporous TiO <sub>2</sub> with exposed (001) facets and enhanced activity in photocatalytic selective oxidation of alcohols. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1296-1302.	10.3	90
53	Self-Powered Electrostatic Actuation Systems for Manipulating the Movement of both Microfluid and Solid Objects by Using Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2017, 27, 1606408.	14.9	90
54	Efficient photocatalytic hydrogen peroxide generation coupled with selective benzylamine oxidation over defective ZrS <sub>3</sub> nanobelts. <i>Nature Communications</i> , 2021, 12, 2039.	12.8	90

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55	Vesicle-Assisted Assembly of Mesoporous Ce-Doped Pd Nanospheres with a Hollow Chamber and Enhanced Catalytic Efficiency. <i>Advanced Functional Materials</i> , 2008, 18, 3235-3241.	14.9	89
56	A chloroplast structured photocatalyst enabled by microwave synthesis. <i>Nature Communications</i> , 2019, 10, 1570.	12.8	88
57	Solvothermal alcoholysis synthesis of hierarchical TiO <sub>2</sub> with enhanced activity in environmental and energy photocatalysis. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016, 28, 72-86.	11.6	84
58	NH <sub>2</sub> -UiO-66(Zr) with fast electron transfer routes for breaking down nitric oxide via photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118687.	20.2	83
59	Challenges of photocatalysis and their coping strategies. <i>Chem Catalysis</i> , 2022, 2, 1315-1345.	6.1	83
60	A facile solvothermal approach of novel Bi <sub>2</sub> S <sub>3</sub> /TiO <sub>2</sub> /RGO composites with excellent visible light degradation activity for methylene blue. <i>Applied Surface Science</i> , 2017, 396, 58-66.	6.1	81
61	Self-powered modulation of elastomeric optical grating by using triboelectric nanogenerator. <i>Nano Energy</i> , 2017, 38, 91-100.	16.0	80
62	Precious metal recovery. <i>Joule</i> , 2021, 5, 3097-3115.	24.0	79
63	Facile Synthesis of Co-B Amorphous Alloy in Uniform Spherical Nanoparticles with Enhanced Catalytic Properties. <i>ACS Catalysis</i> , 2012, 2, 2119-2125.	11.2	78
64	Coupling system of Ag/BiOBr photocatalysis and direct contact membrane distillation for complete purification of N-containing dye wastewater. <i>Chemical Engineering Journal</i> , 2017, 317, 386-393.	12.7	78
65	WO <sub>3</sub> nanocrystals with tunable percentage of (001)-facet exposure. <i>Applied Catalysis B: Environmental</i> , 2012, 123-124, 398-404.	20.2	76
66	C <sub>60</sub> /Bi <sub>2</sub> TiO <sub>4</sub> F <sub>2</sub> Heterojunction Photocatalysts with Enhanced Visible-Light Activity for Environmental Remediation. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 7190-7197.	8.0	72
67	Plant Uptake-Assisted Round-the-Clock Photocatalysis for Complete Purification of Aquaculture Wastewater Using Sunlight. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2418-2424.	10.0	69
68	Highly Efficient and Stable Au/CeO <sub>2</sub> -TiO <sub>2</sub> Photocatalyst for Nitric Oxide Abatement: Potential Application in Flue Gas Treatment. <i>Langmuir</i> , 2015, 31, 10822-10830.	3.5	69
69	A facile approach for the synthesis of Z-scheme photocatalyst ZIF-8/g-C <sub>3</sub> N <sub>4</sub> with highly enhanced photocatalytic activity under simulated sunlight. <i>New Journal of Chemistry</i> , 2018, 42, 12180-12187.	2.8	66
70	Multi-functional anodes boost the transient power and durability of proton exchange membrane fuel cells. <i>Nature Communications</i> , 2020, 11, 1191.	12.8	65
71	Hydrothermal synthesis of graphene/Fe <sup>3+</sup> -doped TiO <sub>2</sub> nanowire composites with highly enhanced photocatalytic activity under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15214-15224.	10.3	64
72	Nanotube Array-Like WO <sub>3</sub> Photoanode with Dual-Layer Oxygen-Evolution Cocatalysts for Photoelectrocatalytic Overall Water Splitting. <i>ACS Applied Energy Materials</i> , 2018, 1, 6871-6880.	5.1	60

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73	Homoallylic Alcohol Isomerization in Water over an Immobilized Ru(II) Organometallic Catalyst with Mesoporous Structure. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22942-22946.	2.6	59
74	Highly Active TiO <sub>2-x</sub> N <sub>x</sub> Visible Photocatalyst Prepared by N-Doping in Et <sub>3</sub> N/EtOH Fluid under Supercritical Conditions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6546-6550.	3.1	58
75	A mesoporous non-precious metal boride system: synthesis of mesoporous cobalt boride by strictly controlled chemical reduction. <i>Chemical Science</i> , 2020, 11, 791-796.	7.4	58
76	Ag/BiOBr Film in a Rotating-Disk Reactor Containing Long-Afterglow Phosphor for Round-the-Clock Photocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20076-20082.	8.0	55
77	Fully biodegradable water-soluble triboelectric nanogenerator for human physiological monitoring. <i>Nano Energy</i> , 2022, 93, 106787.	16.0	55
78	Novel S-doped ordered mesoporous carbon nanospheres toward advanced lithium metal anodes. <i>Nano Energy</i> , 2020, 69, 104443.	16.0	52
79	Blue Energy for Green Hydrogen Fuel: A Self-Powered Electrochemical Conversion System Driven by Triboelectric Nanogenerators. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	52
80	CNTs threaded (001) exposed TiO <sub>2</sub> with high activity in photocatalytic NO oxidation. <i>Nanoscale</i> , 2016, 8, 2899-2907.	5.6	50
81	Self-driven photodetection based on impedance matching effect between a triboelectric nanogenerator and a MoS <sub>2</sub> nanosheets photodetector. <i>Nano Energy</i> , 2019, 59, 492-499.	16.0	50
82	Enhancing Sorption Capacities for Copper(II) and Lead(II) under Weakly Acidic Conditions by <i>l</i> -Tryptophan-Functionalized Graphene Oxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 1469-1475.	1.9	49
83	A novel amorphous alloy photocatalyst (NiB/In <sub>2</sub> O <sub>3</sub> ) composite for sunlight-induced CO <sub>2</sub> hydrogenation to HCOOH. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120603.	20.2	49
84	Mesoporous silica-supported iridium catalysts for asymmetric hydrogenation reactions. <i>Journal of Materials Chemistry</i> , 2010, 20, 1970.	6.7	48
85	Mesoporous Ni-B amorphous alloy microspheres with tunable chamber structure and enhanced hydrogenation activity. <i>Chemical Communications</i> , 2010, 46, 791-793.	4.1	48
86	Porous CuO nanotubes/graphene with sandwich architecture as high-performance anodes for lithium-ion batteries. <i>Nanoscale</i> , 2016, 8, 19343-19351.	5.6	48
87	Exploring the Important Role of Nanocrystals Orientation in TiO <sub>2</sub> Superstructure on Photocatalytic Performances. <i>Langmuir</i> , 2015, 31, 3494-3499.	3.5	47
88	Controlling Singlet Fission by Molecular Contortion. <i>Journal of the American Chemical Society</i> , 2019, 141, 13143-13147.	18.7	47
89	Cumulene Wires Display Increasing Conductance with Increasing Length. <i>Nano Letters</i> , 2020, 20, 8415-8419.	9.1	47
90	Self-Suspended Photothermal Microreactor for Water Desalination and Integrated Volatile Organic Compound Removal. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 51537-51545.	8.0	47

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91	Aqueous medium Ullmann reaction over a novel Pd/Ph <sup>+</sup> Al-MCM-41 as a new route of clean organic synthesis. <i>Green Chemistry</i> , 2007, 9, 273-280.	9.0	46
92	Inflammation-free and gas-permeable on-skin triboelectric nanogenerator using soluble nanofibers. <i>Nano Energy</i> , 2018, 51, 260-269.	16.0	46
93	Amorphous Alloy Architectures in Pore Walls: Mesoporous Amorphous NiCoB Alloy Spheres with Controlled Compositions <i>via</i> a Chemical Reduction. <i>ACS Nano</i> , 2020, 14, 17224-17232.	14.6	46
94	Active and reusable Pd( <sup>ii</sup> ) organometallic catalyst covalently bonded to mesoporous silica nanospheres for water-medium organic reactions. <i>Chemical Science</i> , 2011, 2, 961-966.	7.4	45
95	Gas-Phase Photoelectrocatalysis for Breaking Down Nitric Oxide. <i>Environmental Science &amp; Technology</i> , 2019, 53, 7145-7154.	10.0	45
96	Magnetically Recoverable Nanoparticles: Highly Efficient Catalysts for Asymmetric Transfer Hydrogenation of Aromatic Ketones in Aqueous Medium. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1317-1324.	4.3	44
97	Supercritical solvothermal preparation of a Zn <sub>x</sub> Cd <sub>1-x</sub> S visible photocatalyst with enhanced activity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19641-19647.	10.3	44
98	CO <sub>2</sub> conversion to synthesis gas <i>via</i> DRM on the durable Al <sub>2</sub> O <sub>3</sub> /Ni/Al <sub>2</sub> O <sub>3</sub> sandwich catalyst with high activity and stability. <i>Green Chemistry</i> , 2018, 20, 2781-2787.	9.0	43
99	An efficient defect engineering strategy to enhance catalytic performances of Co <sub>3</sub> O <sub>4</sub> nanorods for CO oxidation. <i>Journal of Hazardous Materials</i> , 2020, 394, 122540.	12.4	43
100	Gas-Phase Photoelectrocatalytic Oxidation of NO <i>via</i> TiO <sub>2</sub> Nanorod Array/FTO Photoanodes. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5902-5912.	10.0	42
101	Photoelectrocatalytic Reduction of CO <sub>2</sub> to Syngas via SnO <sub>x</sub> Enhanced Cu <sub>2</sub> O Nanowires Photocathodes. <i>Advanced Functional Materials</i> , 2022, 32, 2109600.	14.9	42
102	Water-medium isomerization of homoallylic alcohol over a Ru(ii) organometallic complex immobilized on FDU-12 support. <i>Green Chemistry</i> , 2007, 9, 500.	9.0	41
103	Solid-Phase Microwave Reduction of WO <sub>3</sub> by GO for Enhanced Synergistic Photo-Fenton Catalytic Degradation of Bisphenol A. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 32604-32614.	8.0	41
104	Heterostructuring Mesoporous 2D Iridium Nanosheets with Amorphous Nickel Boron Oxide Layers to Improve Electrolytic Water Splitting. <i>Small Methods</i> , 2021, 5, e2100679.	8.6	40
105	Hollow palladium-cobalt bimetallic nanospheres as an efficient and reusable catalyst for Sonogashira-type reactions. <i>Journal of Materials Chemistry</i> , 2010, 20, 4366.	6.7	38
106	Palladium nanoparticles encapsulated in porous silica shells: an efficient and highly stable catalyst for CO oxidation. <i>RSC Advances</i> , 2013, 3, 851-858.	3.6	38
107	1T and 2H mixed phase MoS <sub>2</sub> nanobelts coupled with Ti <sup>3+</sup> self-doped TiO <sub>2</sub> nanosheets for enhanced photocatalytic degradation of RhB under visible light. <i>Applied Surface Science</i> , 2021, 556, 149768.	6.1	38
108	The Fluorine-Rich Electrolyte as an Interface Modifier to Stabilize Lithium Metal Battery at Ultra-Low Temperature. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	38



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109	Enantioselective Addition of Malonates and $\beta$ -Keto Esters to Nitroalkenes over an Organonickel-Functionalized Periodic Mesoporous Organosilica. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3265-3274.	4.3	37
110	Mesoporous Metal-Metalloid Amorphous Alloys: The First Synthesis of Open 3D Mesoporous Ni-B Amorphous Alloy Spheres via a Dual Chemical Reduction Method. <i>Small</i> , 2020, 16, e1906707.	10.0	37
111	Electrospun Polymer Nanofibers with $\text{TiO}_2$ @NiCo-LDH as Efficient Polysulfide Barriers for Wide-Temperature-Range S Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 2734-2744.	8.0	37
112	Enantioselective Hydrogenation of Aromatic Ketones Catalyzed by a Mesoporous Silica-Supported Iridium Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1464-1468.	4.3	36
113	Highly active, durable and recyclable ordered mesoporous magnetic organometallic catalysts for promoting organic reactions in water. <i>Journal of Materials Chemistry A</i> , 2014, 2, 484-491.	10.3	36
114	Self-powered electrochemical system by combining Fenton reaction and active chlorine generation for organic contaminant treatment. <i>Nano Research</i> , 2019, 12, 2729-2735.	10.4	35
115	Ordered Mesoporous Ni Nanowires with Enhanced Hydrogenation Activity Prepared by Electroless Plating on Functionalized SBA-15. <i>Chemistry of Materials</i> , 2008, 20, 3936-3943.	6.7	34
116	Self-Driven Reactive Oxygen Species Generation via Interfacial Oxygen Vacancies on Carbon-Coated $\text{TiO}_2$ with Versatile Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 2033-2043.	8.0	34
117	Ru-B amorphous alloy deposited on mesoporous silica nanospheres: An efficient catalyst for d-glucose hydrogenation to d-sorbitol. <i>Catalysis Today</i> , 2015, 258, 327-336.	4.4	33
118	Reduced Graphene Oxide-Immobilized Tris(bipyridine)ruthenium(II) Complex for Efficient Visible-Light-Driven Reductive Dehalogenation Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 12141-12148.	8.0	33
119	Strong Hollow Spherical $\text{La}_2\text{NiO}_4$ Photocatalytic Microreactor for Round-the-Clock Environmental Remediation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25967-25975.	8.0	33
120	Efficient Self-Driving Photoelectrocatalytic Reactor for Synergistic Water Purification and $\text{H}_2$ Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 44731-44742.	8.0	33
121	Magnetically induced synthesis of mesoporous amorphous CoB nanochains for efficient selective hydrogenation of cinnamaldehyde to cinnamyl alcohol. <i>Chemical Engineering Journal</i> , 2020, 398, 125564.	12.7	33
122	Hollow Pt-Ni alloy nanospheres with tunable chamber structure and enhanced activity. <i>Journal of Materials Chemistry</i> , 2011, 21, 18447.	6.7	32
123	An Ion-Pair Immobilization Strategy in Rhodium-Catalyzed Asymmetric Transfer Hydrogenation of Aromatic Ketones. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3250-3258.	4.3	32
124	BiOBr visible-light photocatalytic films in a rotating disk reactor for the degradation of organics. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14801-14808.	10.3	32
125	Microwave-antenna induced in situ synthesis of Cu nanowire threaded ZIF-8 with enhanced catalytic activity in $\text{H}_2$ production. <i>Nanoscale</i> , 2016, 8, 7749-7754.	5.6	32
126	Aerosol-Assisted Synthesis of Spherical Sb/C Composites as Advanced Anodes for Lithium Ion and Sodium Ion Batteries. <i>ACS Applied Energy Materials</i> , 2018, 1, 6381-6387.	5.1	32



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127	Visible light-catalytic hydroxylation of aryl halides with water to phenols by carbon nitride and nickel complex cooperative catalysis. <i>Green Chemistry</i> , 2020, 22, 7417-7423.	9.0	32
128	Water-Medium Clean Organic Reactions over an Active Mesoporous Ru(II) Organometallic Catalyst. <i>Environmental Science &amp; Technology</i> , 2009, 43, 188-194.	10.0	31
129	Dual-Stimulus Smart Actuator and Robot Hand Based on a Vapor-Responsive PDMS Film and Triboelectric Nanogenerator. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42504-42511.	8.0	31
130	Title is missing!. <i>Catalysis Letters</i> , 1999, 62, 201-207.	2.6	30
131	Hierarchical Assembly of Organic/Inorganic Building Molecules with $\pi$ - $\pi$ Interactions. <i>Advanced Functional Materials</i> , 2008, 18, 1526-1535.	14.9	29
132	Aerosol-Spraying Synthesis of Periodic Mesoporous Organometallic Silica Spheres with Chamber Cavities as Active and Reusable Catalysts in Aqueous Organic Reactions. <i>Advanced Functional Materials</i> , 2011, 21, 3189-3197.	14.9	29
133	Hybrid $\text{Cu}_2\text{O}/\text{TiO}_2$ Nanocomposites with Enhanced Photocatalytic Antibacterial Activity toward <i>Acinetobacter Baumannii</i> . <i>ACS Applied Bio Materials</i> , 2019, 2, 4892-4903.	4.6	29
134	Mesoporous PtCu Alloy Nanoparticles with Tunable Compositions and Particle Sizes Using Diblock Copolymer Micelle Templates. <i>Chemistry - A European Journal</i> , 2019, 25, 343-348.	3.3	29
135	Water-medium Ullmann reaction over a highly active and selective Pd/Ph-SBA-15 catalyst. <i>Green Chemistry</i> , 2007, 9, 1223.	9.0	28
136	Highly active and reusable organometallic catalysts covalently bonded to an ordered mesoporous polymer. <i>Chemical Science</i> , 2012, 3, 476-484.	7.4	28
137	Mesoporous Silica with Multiple Catalytic Functionalities. <i>Advanced Functional Materials</i> , 2008, 18, 3590-3597.	14.9	27
138	A Novel Ruthenium-Phosphorus Amorphous Alloy Catalyst for Maltose Hydrogenation to Maltitol. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 829-836.	4.3	26
139	An efficient round-the-clock $\text{La}_2\text{NiO}_4$ catalyst for breaking down phenolic pollutants. <i>RSC Advances</i> , 2012, 2, 4822.	3.6	25
140	Sunlight-driven photodegradation of organic pollutants catalyzed by $\text{TiO}_2/(\text{ZnS})_x(\text{CuInS}_2)_{1-x}$ nanocomposites. <i>Journal of Materials Chemistry</i> , 2012, 22, 8759.	6.7	25
141	$\text{BiOBr}/\text{Bi}_2\text{MoO}_6$ composite in flower-like microspheres with enhanced photocatalytic activity under visible-light irradiation. <i>RSC Advances</i> , 2016, 6, 13498-13504.	3.6	25
142	A novel visible-light-driven ternary $\text{Ag}@\text{Ag}_2\text{O}/\text{BiOCl}$ Z-scheme photocatalyst with enhanced removal efficiency of RhB. <i>New Journal of Chemistry</i> , 2019, 43, 13929-13937.	2.8	25
143	Ordered Mesoporous Ni-P Amorphous Alloy Nanowire Arrays: High-Efficiency Catalyst for Production of Polyol from Sugar. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 26101-26112.	8.0	25
144	Improved Degradation Efficiency of Levofloxacin by a Self-Powered Electrochemical System with Pulsed Direct-Current. <i>ACS Nano</i> , 2021, 15, 5478-5485.	14.6	25

#	ARTICLE	IF	CITATIONS
145	Combination of Enzyme and Ru <sup>II</sup> Amorphous Alloy Encapsulated in Yolk-Shell Silica for One-Pot Dextrin Conversion to Sorbitol. <i>ACS Catalysis</i> , 2014, 4, 251-258.	11.2	24
146	Controlled Assembly of Hierarchical Metal Catalysts with Enhanced Performances. <i>CheM</i> , 2019, 5, 805-837.	11.7	24
147	Water-Medium Barbier Reaction over a Mesoporous Pd(II) Organometallic Catalyst Immobilized on the Ethyl-Bridged PMOs. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6366-6371.	3.1	23
148	Imidazolium-Based Organic-Inorganic Hybrid Silica as a Functional Platform Dramatically Boosts Chiral Organometallics Performance in Asymmetric Catalysis. <i>ChemCatChem</i> , 2013, 5, 1784-1789.	3.7	23
149	A functionalized graphene oxide and nano-zeolitic imidazolate framework composite as a highly active and reusable catalyst for [3 + 3] formal cycloaddition reactions. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14779-14785.	10.3	23
150	A convenient approach of MIP/Co <sup>II</sup> /TiO <sub>2</sub> nanocomposites with highly enhanced photocatalytic activity and selectivity under visible light irradiation. <i>RSC Advances</i> , 2016, 6, 69326-69333.	3.6	23
151	Synthesis of Mo-doped TiO <sub>2</sub> nanowires/reduced graphene oxide composites with enhanced photodegradation performance under visible light irradiation. <i>RSC Advances</i> , 2016, 6, 23809-23815.	3.6	23
152	Synergistic Photocatalytic-Photothermal Contribution to Antibacterial Activity in BiOI-Graphene Oxide Nanocomposites. <i>ACS Applied Bio Materials</i> , 2018, 1, 2141-2152.	4.6	23
153	Stringing the Perylene Diimide Bow. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14303-14307.	13.8	23
154	Controlling the Gas-Water Interface to Enhance Photocatalytic Degradation of Volatile Organic Compounds. <i>ACS ES&amp;T Engineering</i> , 2021, 1, 1140-1148.	7.6	23
155	Piperazine-functionalized ordered mesoporous polymer as highly active and reusable organocatalyst for water-medium organic synthesis. <i>Green Chemistry</i> , 2013, 15, 1665.	9.0	22
156	Yolk-Shell Nanoarchitectures with a Ru-Containing Core and a Radially Oriented Mesoporous Silica Shell: Facile Synthesis and Application for One-Pot Biomass Conversion by Combining with Enzyme. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 20851-20859.	8.0	22
157	A facile solvothermal approach for the synthesis of novel W-doped TiO <sub>2</sub> nanoparticles/reduced graphene oxide composites with enhanced photodegradation performance under visible light irradiation. <i>New Journal of Chemistry</i> , 2017, 41, 13382-13390.	2.8	22
158	Surfactant Pyrolysis-Guided in Situ Fabrication of Primary Amine-Rich Ordered Mesoporous Phenolic Resin Displaying Efficient Heavy Metal Removal. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 21815-21821.	8.0	22
159	Power Management and Reaction Optimization for a Self-Powered Electrochemical System Driven by a Triboelectric Nanogenerator. <i>Nano Letters</i> , 2021, 21, 5633-5640.	9.1	22
160	Systematic Assessment of Precious Metal Recovery to Improve Environmental and Resource Protection. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1039-1052.	7.6	22
161	Singlet Oxygen and Mobile Hydroxyl Radicals Co-operating on Gas-Solid Catalytic Reaction Interfaces for Deeply Oxidizing NO <sub>x</sub> . <i>Environmental Science &amp; Technology</i> , 2022, 56, 5830-5839.	10.0	22
162	Self-Assembly of Mesoporous Ruthenium-Boron Amorphous Alloy Catalysts with Enhanced Activity in Maltose Hydrogenation to Maltitol. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11448-11453.	3.1	20

#	ARTICLE	IF	CITATIONS
163	Polarization field promoted photoelectrocatalysis for synergistic environmental remediation and H <sub>2</sub> production. <i>Chemical Engineering Journal</i> , 2022, 437, 135132.	12.7	20
164	Microwave-assisted tandem allylation-isomerization reaction catalyzed by a mesostructured bifunctional catalyst in aqueous media. <i>Green Chemistry</i> , 2009, 11, 1477.	9.0	19
165	Influence of the Pd(II) Coordination Model on the Catalytic Performance of Pd <sup>2+</sup> /PPH <sub>2</sub> <sup>+</sup> @SBA-15 in C-C Bond Forming Reactions. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3.1 22514-22522.		19
166	Water-medium organic synthesis over active and reusable organometal catalysts with tunable nanostructures. <i>Chemical Science</i> , 2014, 5, 3695-3707.	7.4	19
167	Photoelectrocatalytic reduction of CO <sub>2</sub> to methanol over a photosystem II-enhanced Cu foam/Si-nanowire system. <i>Journal of Environmental Sciences</i> , 2017, 60, 108-113.	6.1	19
168	CO <sub>2</sub> conversion via dry reforming of methane on a core-shell Ru@SiO <sub>2</sub> catalyst. <i>Journal of CO<sub>2</sub> Utilization</i> , 2022, 57, 101893.	6.8	18
169	Highly active, water-compatible and easily separable magnetic mesoporous Lewis acid catalyst for the Mukaiyama Aldol reaction in water. <i>Green Chemistry</i> , 2014, 16, 3768-3777.	9.0	17
170	A novel ternary MQDs/NCDs/TiO <sub>2</sub> nanocomposite that collaborates with activated persulfate for efficient RhB degradation under visible light irradiation. <i>New Journal of Chemistry</i> , 2021, 45, 1327-1338.	2.8	17
171	One-pot synthesis of 3D porous Bi <sub>2</sub> O <sub>3</sub> /N-doped graphene aerogel with enhanced photocatalytic activity for organic dye degradation in wastewater. <i>Ceramics International</i> , 2021, 47, 19556-19566.	4.8	17
172	A Novel Indium-Boron Amorphous Alloy Mediator for Barbier Type Carbonyl Allylation in Aqueous Medium. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2131-2136.	4.3	16
173	Synthesis of Ru-B amorphous alloy supported on SBA-15 with excellent catalytic efficiency in maltose hydrogenation. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1027-1032.	14.0	16
174	Dynamic kinetic resolution of aromatic <i>sec</i> -alcohols by using a heterogeneous palladium racemization catalyst and lipase. <i>Catalysis Science and Technology</i> , 2017, 7, 5838-5842.	4.1	16
175	Photocatalytic Composite of a Floating BiOBr@Graphene Oxide@Melamine Foam for Efficient Removal of Organics. <i>ChemCatChem</i> , 2018, 10, 2394-2400.	3.7	16
176	An extremely stable and highly active periodic mesoporous Lewis acid catalyst in water-medium Mukaiyama-aldol reaction. <i>Green Chemistry</i> , 2013, 15, 2865.	9.0	15
177	Selective CO <sub>2</sub> reduction to HCOOH on a Pt/In <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> multifunctional visible-photocatalyst. <i>RSC Advances</i> , 2020, 10, 22460-22467.	3.6	15
178	Dual electrocatalytic heterostructures for efficient immobilization and conversion of polysulfides in Li-S batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18477-18487.	10.3	15
179	<i>In Situ</i> Synthesis of a Li <sub>6.4</sub> La <sub>3</sub> Zr <sub>1.4</sub> Ta <sub>0.6</sub> O <sub>12</sub> /Poly(vinylene Tj ETQq1 1.0.784314 rgBT /Ov	5.1	15
180	Ultrasound-assisted synthesis of monodisperse Ru-B amorphous alloys with enhanced catalytic activity in maltose hydrogenation. <i>Research on Chemical Intermediates</i> , 2009, 35, 779-790.	2.7	14

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181	Synthesis, Regioselective Bromination, and Functionalization of Coronene Tetracarboxydiimide. <i>Journal of Organic Chemistry</i> , 2019, 84, 2713-2720.	3.2	14
182	Primary amine-functionalized mesoporous phenolic resin as an effective and stable solid base catalyst for Knoevenagel reactions in water. <i>Green Synthesis and Catalysis</i> , 2020, 1, 79-82.	6.8	14
183	Preparation and visible light catalytic activity of three-dimensional ordered macroporous CdS/TiO <sub>2</sub> films. <i>Chinese Journal of Catalysis</i> , 2013, 34, 949-955.	14.0	13
184	Chapter 4. Preparation and catalytic applications of amorphous alloys. <i>Catalysis</i> , 0, , 144-186.	1.0	13
185	Thin-Layer Polymer Wrapped Enzymes Encapsulated in Hierarchically Mesoporous Silica with High Activity and Enhanced Stability. <i>Scientific Reports</i> , 2014, 4, 4421.	3.3	13
186	In Situ One-Step Synthesis of Platinum Nanoparticles Supported on Metal-Organic Frameworks as an Effective and Stable Catalyst for Selective Hydrogenation of 5-Hydroxymethylfurfural. <i>ACS Omega</i> , 2020, 5, 16183-16188.	3.5	13
187	Amorphous Ni-B/SiO <sub>2</sub> catalyst prepared by microwave heating and its catalytic activity in acrylonitrile hydrogenation. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 512-517.	3.2	12
188	Dye-sensitized solar cells with enhanced efficiency using hierarchical TiO <sub>2</sub> spheres as a scattering layer. <i>RSC Advances</i> , 2014, 4, 36206.	3.6	12
189	Uniform anatase single-crystal cubes with high thermal stability fully enclosed by active {010} and {001} facets. <i>RSC Advances</i> , 2015, 5, 11029-11035.	3.6	12
190	Microwave-induced Assembly of CuS@MoS <sub>2</sub> Core-shell Nanotubes and Study on Their Photocatalytic Fenton-like Reactions. <i>Acta Chimica Sinica</i> , 2020, 78, 961.	1.4	12
191	Carbon Nanotube-Threaded Mesocrystalline CeO <sub>2</sub> for Enhanced Photocatalytic NO Removal. <i>ACS Applied Nano Materials</i> , 2022, 5, 3581-3590.	5.0	12
192	Direct dehydrogenation of methanol to formaldehyde over pre-treated polycrystalline silver catalyst. <i>Catalysis Letters</i> , 2005, 99, 83-87.	2.6	11
193	Preparation of Mn <sub>2</sub> O <sub>3</sub> catalyst with core-shell structure via spray pyrolysis assisted with glucose. <i>Research on Chemical Intermediates</i> , 2009, 35, 791-798.	2.7	11
194	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. <i>Angewandte Chemie</i> , 2020, 132, 17335-17339.	2.0	11
195	Aqueous Photocatalytic Recycling of Gold and Palladium from Waste Electronics and Catalysts. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1445-1453.	7.6	11
196	Micro-Raman spectroscopy of Pd-B/SiO <sub>2</sub> amorphous alloy catalyst. <i>Journal of Raman Spectroscopy</i> , 2000, 31, 1051-1055.	2.5	10
197	Asymmetric Hydrosilylation of Aromatic Ketones Catalyzed by an Economical and Effective Copper-Diphosphine Catalytic System in Air. <i>Chinese Journal of Chemistry</i> , 2015, 33, 578-582.	4.9	10
198	Biochemical composite synthesized by stepwise crosslinking: An efficient platform for one-pot biomass conversion. <i>Journal of Catalysis</i> , 2015, 327, 78-85.	6.2	10

#	ARTICLE	IF	CITATIONS
199	Microwave one-pot synthesis of CNT-supported amorphous Ni–P alloy nanoparticles with enhanced hydrogenation performance. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6560-6568.	10.3	10
200	Potassium as a Versatile Promoter to Tailor the Distribution of the Olefins in CO <sub>2</sub> Hydrogenation over Iron-Based Catalyst. <i>ChemCatChem</i> , 2022, 14, .	3.7	10
201	A green process for O-heterocyclization of cycloocta-1,5-diene by peroxotungstic species with aqueous H <sub>2</sub> O <sub>2</sub> . <i>Green Chemistry</i> , 2007, 9, 878.	9.0	9
202	Enhanced photoreduction of Cr(VI) and photooxidation of NO over TiO <sub>2</sub> mesoporous single crystals. <i>RSC Advances</i> , 2017, 7, 55927-55934.	3.6	9
203	Photoelectrocatalytic bacterial inactivation of <i>Acinetobacter baumannii</i> on Cu <sub>2</sub> O/TiO <sub>2</sub> @Cu mesh photoanodes. <i>Catalysis Science and Technology</i> , 2020, 10, 7378-7385.	4.1	9
204	Long-Life and High-Rate-Charging Lithium Metal Batteries Enabled by a Flexible Active Solid Electrolyte Interphase Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60678-60688.	8.0	9
205	Mesoporous Co–B amorphous alloy films with enhanced catalytic efficiency prepared from a mixed-surfactant solution. <i>Journal of Materials Research</i> , 2009, 24, 3300-3307.	2.6	8
206	Periodic mesoporous silica-supported Ni(II) organometallic complex as an active and reusable nanocatalyst for water-mediated Sonogashira coupling reaction. <i>Applied Organometallic Chemistry</i> , 2013, 27, 512-518.	3.5	8
207	In Situ Preparation of Au@SH@SO <sub>3</sub> –SBA-15 Catalyst with Enhanced Activity and Durability in Alkyne Hydration. <i>Chinese Journal of Chemistry</i> , 2014, 32, 1072-1076.	4.9	8
208	Aerosol-Assisted Rapid Fabrication of a Heterogeneous Organopalladium Catalyst with Hierarchical Bimodal Pores. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 13914-13923.	8.0	8
209	Divergent Synthesis of Contorted Polycyclic Aromatics Containing Pentagons, Heptagon, and/or Azulene. <i>Organic Letters</i> , 2021, , .	4.6	8
210	Photoelectrocatalytic sterilization on thorn-like ZIF-67/ZnO hybrid photoanodes. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107385.	6.7	8
211	Ordered Mesoporous Proline Organocatalyst with High Activity and Strong Durability in Promoting Intermolecular Cross-Conjugated Additions. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3753-3758.	2.4	7
212	Microwave-Positioning Assembly: Structure and Surface Optimizations for Catalysts. <i>Small Structures</i> , 2022, 3, .	12.0	6
213	Bimetallic CoxCu <sub>y</sub> -CAT-1 metal-organic frameworks for synergistic antibacterial contribution of photocatalytic-photothermal effect. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107582.	6.7	6
214	Belousov-Zhabotinskii type oscillations with amino acids or peptides as organic substrates in the presence of Mn <sup>2+</sup> and Fe(phen) <sub>3</sub> <sup>2+</sup> as coupled catalysts. <i>International Journal of Chemical Kinetics</i> , 1998, 30, 243-247.	1.6	5
215	A strong hydrangea-like Au–TiO <sub>2</sub> catalyst for round-the-clock degradation of oxalic acid in the presence of ozone. <i>Catalysis Science and Technology</i> , 2020, 10, 7481-7485.	4.1	5
216	Stringing the Perylene Diimide Bow. <i>Angewandte Chemie</i> , 2020, 132, 14409-14413.	2.0	5

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217	Graphyne-oxide supported Pd catalyst with ten times higher nitrobenzenes reduction activity than Pd/C. <i>Research on Chemical Intermediates</i> , 2018, 44, 6327-6337.	2.7	4
218	Polarity- and Pressure-Dependent Hydrogen Dynamics on ZnO Polar Surfaces Revealed by Near-Ambient-Pressure X-ray Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25431-25436.	3.1	4
219	Several types of oscillations in Belousov-Zhabotinskii reactions with amino acids as organic substrates. <i>International Journal of Chemical Kinetics</i> , 2002, 34, 405-410.	1.6	3
220	Synthesis of Hollow Gold Nanospheres and Their Applications in Surface-enhanced Raman Scattering and DNA Biosensor. <i>Chinese Journal of Chemistry</i> , 2010, 28, 2015-2019.	4.9	3
221	Suzuki Reactions in Water Catalyzed by an Active and Reusable PMO-type Pd(II) Organometal Catalyst with Cage-like Mesoporous Structure. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2151-2157.	4.9	3
222	Pressure-dependent band-bending in ZnO: A near-ambient-pressure X-ray photoelectron spectroscopy study. <i>Journal of Energy Chemistry</i> , 2021, 60, 25-31.	12.9	3
223	Rutile TiO <sub>2</sub> nanorods grown on carbon nanotubes as high-performance lithium-ion batteries anode via one-dimensional electron pathways. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 103, 437-446.	2.4	3
224	Photocatalysis: Microwave-Induced Metal Dissolution Synthesis of Core-Shell Copper Nanowires/ZnS for Visible Light Photocatalytic H <sub>2</sub> Evolution (Adv. Energy Mater. 22/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970085.	19.5	2
225	Graphyne-like Porous Carbon-rich Network Supported Pd Nanoparticles as an Efficient Catalyst for Suzuki-Miyaura Couplings under Aerobic Conditions. <i>Current Nanoscience</i> , 2018, 14, 503-510.	1.2	1