

# Xiaofei Yang

## List of Publications by Citations

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135  
papers

7,154  
citations

47  
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82  
g-index

143  
ext. papers

9,247  
ext. citations

8.4  
avg, IF

6.73  
L-index

#	Paper	IF	Citations
135	Fabrication of Ag <sub>3</sub> PO <sub>4</sub> -Graphene Composites with Highly Efficient and Stable Visible Light Photocatalytic Performance. <i>ACS Catalysis</i> , <b>2013</b> , 3, 363-369	13.1	515
134	Nickel nitride as an efficient electrocatalyst for water splitting. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 8171-8177	13	325
133	Fabrication of P25/Ag <sub>3</sub> PO <sub>4</sub> /graphene oxide heterostructures for enhanced solar photocatalytic degradation of organic pollutants and bacteria. <i>Applied Catalysis B: Environmental</i> , <b>2015</b> , 166-167, 231-240	21.8	242
132	Tuning the morphology of g-C <sub>3</sub> N <sub>4</sub> for improvement of Z-scheme photocatalytic water oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 15285-93	9.5	225
131	In situ fabrication of 1D CdS nanorod/2D Ti <sub>3</sub> C <sub>2</sub> MXene nanosheet Schottky heterojunction toward enhanced photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118382	21.8	219
130	Interfacial optimization of g-C <sub>3</sub> N <sub>4</sub> -based Z-scheme heterojunction toward synergistic enhancement of solar-driven photocatalytic oxygen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 244, 240-249	21.8	217
129	Unveiling the origin of boosted photocatalytic hydrogen evolution in simultaneously (S, P, O)-Codoped and exfoliated ultrathin g-C <sub>3</sub> N <sub>4</sub> nanosheets. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 248, 84-94	21.8	203
128	3D reduced graphene oxide aerogel-mediated Z-scheme photocatalytic system for highly efficient solar-driven water oxidation and removal of antibiotics. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 232, 562-573	21.8	189
127	Oxamide-modified g-C <sub>3</sub> N <sub>4</sub> nanostructures: Tailoring surface topography for high-performance visible light photocatalysis. <i>Chemical Engineering Journal</i> , <b>2019</b> , 374, 1064-1075	14.7	170
126	Silver phosphate/graphitic carbon nitride as an efficient photocatalytic tandem system for oxygen evolution. <i>ChemSusChem</i> , <b>2015</b> , 8, 1350-8	8.3	166
125	Dual Z-scheme g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> /Ag <sub>2</sub> MoO <sub>4</sub> ternary composite photocatalyst for solar oxygen evolution from water splitting. <i>Applied Surface Science</i> , <b>2018</b> , 456, 369-378	6.7	156
124	Bifunctional TiO <sub>2</sub> /Ag <sub>3</sub> PO <sub>4</sub> /graphene composites with superior visible light photocatalytic performance and synergistic inactivation of bacteria. <i>RSC Advances</i> , <b>2014</b> , 4, 18627-18636	3.7	156
123	Porous nitrogen-rich g-C <sub>3</sub> N <sub>4</sub> nanotubes for efficient photocatalytic CO <sub>2</sub> reduction. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 256, 117854	21.8	152
122	Recent Advances in Conjugated Polymers for Visible-Light-Driven Water Splitting. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907296	24	141
121	Designing a highly efficient polysulfide conversion catalyst with paramontroseite for high-performance and long-life lithium-sulfur batteries. <i>Nano Energy</i> , <b>2019</b> , 57, 230-240	17.1	134
120	Construction of carbon nitride and MoS <sub>2</sub> quantum dot 2D/0D hybrid photocatalyst: Direct Z-scheme mechanism for improved photocatalytic activity. <i>Chinese Journal of Catalysis</i> , <b>2017</b> , 38, 2160-2170	11.3	133
119	Fabrication of dual direct Z-scheme g-C <sub>3</sub> N <sub>4</sub> /MoS <sub>2</sub> /Ag <sub>3</sub> PO <sub>4</sub> photocatalyst and its oxygen evolution performance. <i>Applied Surface Science</i> , <b>2019</b> , 463, 9-17	6.7	118

118	Porous Ni <sub>5</sub> P <sub>4</sub> as a promising cocatalyst for boosting the photocatalytic hydrogen evolution reaction performance. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 275, 119144	21.8	116
117	Boosting solar steam generation by structure enhanced energy management. <i>Science Bulletin</i> , <b>2020</b> , 65, 1380-1388	10.6	109
116	Graphene-spindle shaped TiO <sub>2</sub> mesocrystal composites: facile synthesis and enhanced visible light photocatalytic performance. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 261, 342-50	12.8	105
115	Reversing heat conduction loss: Extracting energy from bulk water to enhance solar steam generation. <i>Nano Energy</i> , <b>2020</b> , 78, 105269	17.1	101
114	Templated-assisted one-dimensional silica nanotubes: synthesis and applications. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 6122		96
113	Porous MoP network structure as co-catalyst for H <sub>2</sub> evolution over g-C <sub>3</sub> N <sub>4</sub> nanosheets. <i>Applied Surface Science</i> , <b>2018</b> , 462, 822-830	6.7	92
112	Stackable nickel-cobalt@polydopamine nanosheet based photothermal sponges for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 11665-11673	13	91
111	Probing supramolecular assembly and charge carrier dynamics toward enhanced photocatalytic hydrogen evolution in 2D graphitic carbon nitride nanosheets. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 256, 117867	21.8	89
110	Accelerating photocatalytic hydrogen evolution and pollutant degradation by coupling organic co-catalysts with TiO <sub>2</sub> . <i>Chinese Journal of Catalysis</i> , <b>2019</b> , 40, 380-389	11.3	88
109	Same materials, bigger output: A reversibly transformable 2DBD photothermal evaporator for highly efficient solar steam generation. <i>Nano Energy</i> , <b>2021</b> , 79, 105477	17.1	87
108	Facile synthesis of graphene oxide-enwrapped Ag <sub>3</sub> PO <sub>4</sub> composites with highly efficient visible light photocatalytic performance. <i>Materials Letters</i> , <b>2013</b> , 93, 28-31	3.3	82
107	Hydrothermal synthesis and visible-light photocatalytic activity of Fe <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> composite hollow microspheres. <i>Ceramics International</i> , <b>2013</b> , 39, 8633-8640	5.1	80
106	Anchoring metal-organic framework nanoparticles on graphitic carbon nitrides for solar-driven photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , <b>2018</b> , 455, 403-409	6.7	79
105	Solar photocatalytic water oxidation over Ag <sub>3</sub> PO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> composite materials mediated by metallic Ag and graphene. <i>Applied Surface Science</i> , <b>2018</b> , 430, 108-115	6.7	78
104	Remarkable Enhancement in Solar Oxygen Evolution from MoSe <sub>2</sub> /Ag <sub>3</sub> PO <sub>4</sub> Heterojunction Photocatalyst via In Situ Constructing Interfacial Contact. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 8466-8474	8.3	77
103	Supramolecular Chemistry in Molten Sulfur: Preorganization Effects Leading to Marked Enhancement of Carbon Nitride Photoelectrochemistry. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 6265-6271	15.6	74
102	Fabrication of modified g-C <sub>3</sub> N <sub>4</sub> nanorod/Ag <sub>3</sub> PO <sub>4</sub> nanocomposites for solar-driven photocatalytic oxygen evolution from water splitting. <i>Applied Surface Science</i> , <b>2018</b> , 430, 301-308	6.7	73
101	Anchoring Co <sub>3</sub> O <sub>4</sub> nanoparticles on MXene for efficient electrocatalytic oxygen evolution. <i>Science Bulletin</i> , <b>2020</b> , 65, 460-466	10.6	70

100	Dual-Zone Photothermal Evaporator for Antisalt Accumulation and Highly Efficient Solar Steam Generation. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2102618	15.6	69
99	Near-Complete Suppression of Oxygen Evolution for Photoelectrochemical HO Oxidative HO Synthesis. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 8641-8648	16.4	68
98	In situ construction of protonated g-C <sub>3</sub> N <sub>4</sub> /Ti <sub>3</sub> C <sub>2</sub> MXene Schottky heterojunctions for efficient photocatalytic hydrogen production. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 107-114	11.3	68
97	From Millimeter to Subnanometer: Vapor-Solid Deposition of Carbon Nitride Hierarchical Nanostructures Directed by Supramolecular Assembly. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8426-8430	16.4	66
96	Metal-Oxide-Mediated Subtractive Manufacturing of Two-Dimensional Carbon Nitride for High-Efficiency and High-Yield Photocatalytic H Evolution. <i>ACS Nano</i> , <b>2019</b> , 13, 11294-11302	16.7	66
95	Surface Patterning of Two-Dimensional Nanostructure-Embedded Photothermal Hydrogels for High-Yield Solar Steam Generation. <i>ACS Nano</i> , <b>2021</b> , 15, 10366-10376	16.7	66
94	Hierarchical ultrathin carbon encapsulating transition metal doped MoP electrocatalysts for efficient and pH-universal hydrogen evolution reaction. <i>Nano Energy</i> , <b>2020</b> , 70, 104445	17.1	61
93	Energy Manipulation in Lanthanide-Doped Core-Shell Nanoparticles for Tunable Dual-Mode Luminescence toward Advanced Anti-Counterfeiting. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002121	24	61
92	Synthesis of reduced graphene oxide/Cu nanoparticle composites and their tribological properties. <i>RSC Advances</i> , <b>2013</b> , 3, 26086	3.7	53
91	Hydrothermal synthesis of MoO <sub>3</sub> nanobelt-graphene composites. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 1195-1201	1.3	51
90	Synthesis of Organized Layered Carbon by Self-Templating of Dithiooxamide. <i>Advanced Materials</i> , <b>2016</b> , 28, 6727-33	24	50
89	Implementing Hybrid Energy Harvesting in 3D Spherical Evaporator for Solar Steam Generation and Synergic Water Purification. <i>Solar Rrl</i> , <b>2020</b> , 4, 2000232	7.1	49
88	Recent advances in MXenes supported semiconductors based photocatalysts: Properties, synthesis and photocatalytic applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2020</b> , 85, 1-33	6.3	46
87	Evidencing Interfacial Charge Transfer in 2D CdS/2D MXene Schottky Heterojunctions toward High-Efficiency Photocatalytic Hydrogen Production. <i>Solar Rrl</i> , <b>2021</b> , 5, 2000414	7.1	46
86	Synergy of photocatalysis and photothermal effect in integrated 0D perovskite oxide/2D MXene heterostructures for simultaneous water purification and solar steam generation. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 295, 120285	21.8	45
85	Tetragonal $\rightarrow$ Orthorhombic $\rightarrow$ Cubic Phase Transitions in Ag <sub>2</sub> Se Nanocrystals. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 5647-5653	9.6	44
84	Morphology-controlled synthesis of Ag <sub>3</sub> PO <sub>4</sub> microcubes with enhanced visible-light-driven photocatalytic activity. <i>Ceramics International</i> , <b>2013</b> , 39, 9715-9720	5.1	44
83	Synthesis and luminescence of Sr <sub>2</sub> CeO <sub>4</sub> superfine particles by citrate-gel method. <i>Materials Letters</i> , <b>2004</b> , 58, 48-50	3.3	43

82	Revealing and accelerating interfacial charge carrier dynamics in Z-scheme heterojunctions for highly efficient photocatalytic oxygen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118445	21.8	43
81	Facile hydrothermal synthesis and photocatalytic activity of rod-like nanosized silver tungstate. <i>Micro and Nano Letters</i> , <b>2012</b> , 7, 1285-1288	0.9	41
80	Enhancing solar steam generation using a highly thermally conductive evaporator support. <i>Science Bulletin</i> , <b>2021</b> , 66, 2479-2479	10.6	41
79	Self-assembled g-C <sub>3</sub> N <sub>4</sub> nanoarchitectures with boosted photocatalytic solar-to-hydrogen efficiency. <i>Applied Surface Science</i> , <b>2019</b> , 487, 59-67	6.7	37
78	Solid state synthesis of Fe <sub>2</sub> P nanoparticles as high-performance anode materials for nickel-based rechargeable batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 253, 360-365	8.9	37
77	Ag/ZnO/graphene oxide heterostructure for the removal of rhodamine B by the synergistic adsorption-degradation effects. <i>Ceramics International</i> , <b>2015</b> , 41, 4231-4237	5.1	35
76	The Complex Role of Carbon Nitride as a Sensitizer in Photoelectrochemical Cells. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1052-1058	8.1	35
75	Template-assisted hydrothermal synthesis and photocatalytic activity of novel TiO <sub>2</sub> hollow nanostructures. <i>Ceramics International</i> , <b>2013</b> , 39, 4969-4974	5.1	33
74	Sacrificial Agent-Free Photocatalytic Oxygen Evolution from Water Splitting over Ag <sub>3</sub> PO <sub>4</sub> /MXene Hybrids. <i>Solar Rrl</i> , <b>2020</b> , 4, 1900434	7.1	33
73	A facile one-step hydrothermal method to produce graphene/MoO <sub>3</sub> nanorod bundle composites. <i>Materials Letters</i> , <b>2011</b> , 65, 2341-2344	3.3	32
72	Synthesis and improved photocatalytic activity of ultrathin TiO <sub>2</sub> nanosheets with nearly 100% exposed (001) facets. <i>Ceramics International</i> , <b>2014</b> , 40, 16817-16823	5.1	30
71	Biomass derived Janus solar evaporator for synergic water evaporation and purification. <i>Sustainable Materials and Technologies</i> , <b>2020</b> , 25, e00180	5.3	29
70	Band gap and morphology engineering of TiO <sub>2</sub> by silica and fluorine co-doping for efficient ultraviolet and visible photocatalysis. <i>RSC Advances</i> , <b>2016</b> , 6, 63117-63130	3.7	25
69	Heterostructured MoSe <sub>2</sub> /Oxygen-Terminated Ti <sub>3</sub> C <sub>2</sub> MXene Architectures for Efficient Electrocatalytic Hydrogen Evolution. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 4609-4615	4.1	24
68	Constructing 0D FeP Nanodots/2D g-C <sub>3</sub> N <sub>4</sub> Nanosheets Heterojunction for Highly Improved Photocatalytic Hydrogen Evolution. <i>ChemCatChem</i> , <b>2019</b> , 11, 6310-6315	5.2	23
67	synthesis of high-quality crystalline β-MoO <sub>3</sub> nanobelts. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 409-412	2.3	23
66	Unveiling the Origin of the High Catalytic Activity of Ultrathin 1T/2H MoSe Nanosheets for the Hydrogen Evolution Reaction: A Combined Experimental and Theoretical Study. <i>ChemSusChem</i> , <b>2019</b> , 12, 5015-5022	8.3	21
65	Controllable synthesis, characterization and growth mechanism of three-dimensional hierarchical PbWO <sub>4</sub> microstructures. <i>CrystEngComm</i> , <b>2011</b> , 13, 5119	3.3	21

64	Lignin-Incorporated Supramolecular Copolymerization Yielding g-C <sub>3</sub> N <sub>4</sub> Nanoarchitectures for Efficient Photocatalytic Hydrogen Evolution. <i>Solar Rrl</i> , <b>2021</b> , 5, 2000486	7.1	20
63	Carbon Nanotube with Vertical 2D Molybdenum Sulphoselenide Nanosheet Arrays for Boosting Electrocatalytic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 7035-7045	6.1	20
62	Additives Control the Stability of Amorphous Calcium Carbonate via Two Different Mechanisms: Surface Adsorption versus Bulk Incorporation. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000003	15.6	19
61	Synthesis and tribological properties of copper matrix solid self-lubricant composites reinforced with NbSe <sub>2</sub> nanoparticles. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 195-200	1.3	19
60	Design and performance boost of a MOF-functionalized-wood solar evaporator through tuning the hydrogen-bonding interactions. <i>Nano Energy</i> , <b>2022</b> , 95, 107016	17.1	19
59	Disclosing the High Activity of Ceramic Metallics in the Oxygen Evolution Reaction: Nickel Materials as a Case Study. <i>ChemSusChem</i> , <b>2016</b> , 9, 2928-2932	8.3	18
58	Turning Trash into Treasure: Pencil Waste-Derived Materials for Solar-Powered Water Evaporation. <i>Energy Technology</i> , <b>2020</b> , 8, 2000567	3.5	18
57	Diffuse coevolution between two Epicephala species (Gracillariidae) and two Breyinia species (Phyllanthaceae). <i>PLoS ONE</i> , <b>2012</b> , 7, e41657	3.7	17
56	In-situ fabrication of Ag/g-C <sub>3</sub> N <sub>4</sub> composite materials with improved photocatalytic activity by coordination-driven assembly of precursors. <i>Ceramics International</i> , <b>2016</b> , 42, 5575-5581	5.1	16
55	Mechanistic insights into charge carrier dynamics in MoSe <sub>2</sub> /CdS heterojunctions for boosted photocatalytic hydrogen evolution. <i>Materials Today Physics</i> , <b>2020</b> , 15, 100261	8	16
54	Uncovering the origin of full-spectrum visible-light-responsive polypyrrole supramolecular photocatalysts. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 287, 119926	21.8	16
53	Coupling solar-driven photothermal effect into photocatalysis for sustainable water treatment. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127128	12.8	16
52	From Millimeter to Subnanometer: Vapor-Solid Deposition of Carbon Nitride Hierarchical Nanostructures Directed by Supramolecular Assembly. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8546-8550	3.6	14
51	Activation of graphitic carbon nitride by solvent-mediated supramolecular assembly for enhanced hydrogen evolution. <i>Applied Surface Science</i> , <b>2020</b> , 525, 146444	6.7	13
50	Insights Into Highly Improved Solar-Driven Photocatalytic Oxygen Evolution Over Integrated AgPO/MoS Heterostructures. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 123	5	13
49	Synthesis and tribological properties of NbSe <sub>3</sub> nanofibers and NbSe <sub>2</sub> microsheets. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 400-404	1.3	13
48	Tribological behavior of a charged atomic force microscope tip on graphene oxide films. <i>Nanotechnology</i> , <b>2012</b> , 23, 495703	3.4	12
47	Solvent-induced controllable synthesis of recyclable Ag <sub>2</sub> CO <sub>3</sub> catalysts with enhanced visible light photocatalytic activity. <i>Ceramics International</i> , <b>2016</b> , 42, 13411-13420	5.1	12

46	The strength of density-dependent mortality is contingent on climate and seedling size. <i>Journal of Vegetation Science</i> , <b>2018</b> , 29, 662-670	3.1	12
45	Three new species of <i>Epicephala</i> Meyrick (Lepidoptera, Gracillariidae) associated with <i>Phyllanthusmicrocarpus</i> (Benth.) (Phyllanthaceae). <i>ZooKeys</i> , <b>2015</b> , 71-81	1.2	11
44	Effects of different deodorising processes on the off-odour compounds and gel properties of common carp surimi. <i>International Journal of Food Science and Technology</i> , <b>2018</b> , 53, 2045-2053	3.8	11
43	Fabrication of a Stable Superhydrophobic Polypropylene Surface by Utilizing Acetone as a Non-Solvent. <i>Journal of Dispersion Science and Technology</i> , <b>2013</b> , 34, 134-139	1.5	11
42	Surfactant-assisted synthesis of novel star-like PbWO <sub>4</sub> hierarchical architectures. <i>Crystal Research and Technology</i> , <b>2010</b> , 45, 1094-1098	1.3	11
41	Preparation, characterization and photocatalytic activities of ZrWMoO <sub>8</sub> /Ag composites with core-shell structure. <i>Applied Surface Science</i> , <b>2012</b> , 261, 593-597	6.7	10
40	Integrated reduced graphene oxide/polypyrrole hybrid aerogels for simultaneous photocatalytic decontamination and water evaporation. <i>Applied Catalysis B: Environmental</i> , <b>2022</b> , 301, 120820	21.8	10
39	Nanocarbon encapsulating Ni-doped MoP/graphene composites for highly improved electrocatalytic hydrogen evolution reaction. <i>Composites Communications</i> , <b>2021</b> , 26, 100792	6.7	10
38	Fabrication of doped SmBaCo <sub>2</sub> O <sub>5</sub> + $\delta$ double perovskites for enhanced solar-driven interfacial evaporation. <i>Ceramics International</i> , <b>2019</b> , 45, 24903-24908	5.1	9
37	A new one-step synthesis method for coating multi-walled carbon nanotubes with iron oxide nanorods. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	8
36	Intraspecific variation in tree growth responses to neighbourhood composition and seasonal drought in a tropical forest. <i>Journal of Ecology</i> , <b>2021</b> , 109, 26-37	6	8
35	Buttress trees elevate soil heterogeneity and regulate seedling diversity in a tropical rainforest. <i>Plant and Soil</i> , <b>2011</b> , 338, 301-309	4.2	7
34	Synthesis and characterization of mulberry-like Fe <sub>3</sub> O <sub>4</sub> /multiwalled carbon nanotube nanocomposites. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 5457-5464	2.3	7
33	Facile morphology-controlled hydrothermal synthesis of flower-like self-organized ZnO architectures. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 1189-1194	1.3	7
32	Surface engineering of ultrasmall supported PdBi nanoalloys with enhanced electrocatalytic activity for selective alcohol oxidation. <i>Chemical Communications</i> , <b>2019</b> , 55, 13566-13569	5.8	7
31	Electric Control of Friction on Silicon Studied by Atomic Force Microscope. <i>Nano</i> , <b>2015</b> , 10, 1550038	1.1	6
30	On the modelling of tropical tree growth: the importance of intra-specific trait variation, non-linear functions and phenotypic integration. <i>Annals of Botany</i> , <b>2021</b> , 127, 533-542	4.1	6
29	Localized Surface Plasmon Resonance Induced Band Gap Regulation Governing the Excellent Photocatalytic Performance of Ag/g-C <sub>3</sub> N <sub>4</sub> Heterostructure. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 5582-5590	1.3	5

28	Greener solid state synthesis of a ternary lanthanum complex at room temperature. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 1617-1625	1.6	5
27	Temperature-dependent synthesis of MOF-derived Co@N-doped carbon nanotube nanocomposites toward accelerated reduction of 4-nitrophenol. <i>Composites Communications</i> , <b>2021</b> , 25, 100718	6.7	5
26	One-pot syntheses of irida-polycyclic aromatic hydrocarbons. <i>Chemical Science</i> , <b>2019</b> , 10, 10894-10899	9.4	5
25	Mechanistic insights into the catalytic reduction of nitrophenols on noble metal nanoparticles/N-doped carbon black composites. <i>Composites Communications</i> , <b>2021</b> , 23, 100580	6.7	5
24	Intrinsic Lattice Relationship of Catalyst/Nanowire Interfaces by Heating High-Resolution Transmission Electron Microscopy. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 4911-4919	3.5	4
23	Synthesis and tribological properties of hexagonal titanium silicon carbide crystals. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 178-182	1.3	4
22	Hydrothermal synthesis and characterisation of glutamine-modified rod-like hydroxyapatite nanoparticles. <i>Micro and Nano Letters</i> , <b>2012</b> , 7, 1292-1295	0.9	4
21	Characterization of lanthanum salicylate complex nanoparticles in situ synthesized in silica matrix by a sol-gel process. <i>Materials Letters</i> , <b>2004</b> , 58, 757-761	3.3	4
20	Ultrahigh photocatalytic hydrogen evolution performance of coupled 1D CdS/1T-phase dominated 2D WS <sub>2</sub> nanoheterojunctions. <i>Chinese Journal of Catalysis</i> , <b>2022</b> , 43, 403-409	11.3	4
19	Advances and Promises of 2D MXenes as Cocatalysts for Artificial Photosynthesis. <i>Solar Rrl</i> , <b>2021</b> , 5, 2100603	6.03	4
18	Conspecific negative density dependence in rainy season enhanced seedling diversity across habitats in a tropical forest. <i>Oecologia</i> , <b>2020</b> , 193, 949-957	2.9	4
17	Sacrificial Agent-Free Photocatalytic Oxygen Evolution from Water Splitting over Ag <sub>3</sub> PO <sub>4</sub> /MXene Hybrids. <i>Solar Rrl</i> , <b>2020</b> , 4, 2070082	7.1	4
16	Mixed-dimensional 1D CdS/2D MoSe <sub>2</sub> heterostructures for high-performance photocatalytic hydrogen production. <i>Surfaces and Interfaces</i> , <b>2021</b> , 25, 101192	4.1	4
15	Graphite-Controlled Fabrication of Ultrathin WSe <sub>2</sub> Nanosheets with Tower-Like Structure and Their Tribological Properties. <i>Tribology Transactions</i> , <b>2012</b> , 55, 297-301	1.8	3
14	Fabrication of carbon-encapsulated tungsten diselenide nanorods. <i>Materials Letters</i> , <b>2011</b> , 65, 1231-1233	3.3	3
13	Syntheses of RE(Hsal) <sub>3</sub> ·nH <sub>2</sub> O (RE=Eu, Y; Hsal=C <sub>7</sub> H <sub>5</sub> O <sub>3</sub> ) by solid-state reactions at room temperature. <i>Materials Letters</i> , <b>2003</b> , 57, 3609-3613	3.3	3
12	Metabolic changes and stress damage induced by ammonia exposure in juvenile <i>Eriocheir sinensis</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 223, 112608	7	3
11	Solid-State Reactions of Lanthanide(III) with Sodium Salicylate and 8-Hydroxyquinoline at Room Temperature. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2004</b> , 34, 67-77		2



10	Nucleophilic Reactions of Osmanaphthalynes with PMe and H O. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9328-9335	4.8	2
9	Architecting a bifunctional solar evaporator of perovskite La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> for solar evaporation and degradation. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 18625	4.3	2
8	A Review on the Bioinspired Photocatalysts and Photocatalytic Systems. <i>Advanced Sustainable Systems</i> , 2100477	5.9	2
7	Synthesis of Two-Dimensional Ultrathin Photocatalytic Materials toward more Sustainable Environment. <i>Green Chemistry</i> ,	10	2
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3	The Similarity of Floral Scent Composition in Two Breynia Species Pollinated by the Same Host-Specific Epicephala Moth. <i>Diversity</i> , <b>2022</b> , 14, 266	2.5	1
2	Effects of chronic exposure of waterborne copper on the antioxidant system and tissue accumulation in golden trout ( <i>Oncorhynchus mykiss aguabonita</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2020</b> , 46, 1537-1547	2.7	0
1	The Mutual Adaption Between the Ovipositor of <i>Epicephala eriocarpa</i> and the Style of <i>Glochidion eriocarpum</i> . <i>Journal of Insect Behavior</i> , <b>2018</b> , 31, 264-276	1.1	