

Yadong Meng

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207
papers

7,403
citations

47
h-index

75
g-index

213
ext. papers

9,060
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
207	In-situ synthesis of direct solid-state Z-scheme V ₂ O ₅ /g-C ₃ N ₄ heterojunctions with enhanced visible light efficiency in photocatalytic degradation of pollutants. <i>Applied Catalysis B: Environmental</i> , 2016 , 180, 663-673	21.8	489
206	Fabrication of nitrogen doped graphene quantum dots-BiOI/MnNb ₂ O ₆ p-n junction photocatalysts with enhanced visible light efficiency in photocatalytic degradation of antibiotics. <i>Applied Catalysis B: Environmental</i> , 2017 , 202, 518-527	21.8	216
205	Fabrication of a Ag/Bi ₃ TaO ₇ Plasmonic Photocatalyst with Enhanced Photocatalytic Activity for Degradation of Tetracycline. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17061-9	9.5	204
204	Promoting visible-light-induced photocatalytic degradation of tetracycline by an efficient and stable beta-Bi ₂ O ₃ @g-C ₃ N ₄ core/shell nanocomposite. <i>Chemical Engineering Journal</i> , 2018 , 338, 137-146	14.7	198
203	NGQD active sites as effective collectors of charge carriers for improving the photocatalytic performance of Z-scheme g-C ₃ N ₄ /Bi ₂ WO ₆ heterojunctions. <i>Catalysis Science and Technology</i> , 2018 , 8, 622-631	5.5	142
202	Hydrothermal Synthesis g-C ₃ N ₄ /Nano-InVO ₄ Nanocomposites and Enhanced Photocatalytic Activity for Hydrogen Production under Visible Light Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 18247-56	9.5	138
201	Synthesis and Characterization of Novel BiVO ₄ /Ag ₃ VO ₄ Heterojunction with Enhanced Visible-Light-Driven Photocatalytic Degradation of Dyes. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 757-766	8.3	137
200	A Nitrogen Doping Method for CoS ₂ Electrocatalysts with Enhanced Water Oxidation Performance. <i>ACS Catalysis</i> , 2017 , 7, 4214-4220	13.1	132
199	Fabrication of a ternary plasmonic photocatalyst CQDs/Ag/Ag ₂ O to harness charge flow for photocatalytic elimination of pollutants. <i>Applied Catalysis B: Environmental</i> , 2016 , 192, 134-144	21.8	127
198	In-situ synthesis and enhanced photocatalytic activity of visible-light-driven plasmonic Ag/AgCl/NaTaO ₃ nanocubes photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2016 , 191, 228-234	21.8	115
197	Hexagonal prism-like hierarchical Co ₉ S ₈ @Ni(OH) ₂ core-shell nanotubes on carbon fibers for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 22782-22789	13	111
196	MOF-derived hierarchical nanosheet arrays constructed by interconnected NiCo-alloy@NiCo-sulfide core-shell nanoparticles for high-performance asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2019 , 370, 666-676	14.7	111
195	Self-templated transformation of MOFs into layered double hydroxide nanoarrays with selectively formed Co ₉ S ₈ for high-performance asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2018 , 354, 716-726	14.7	107
194	NiCo-layered double-hydroxide and carbon nanosheets microarray derived from MOFs for high performance hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019 , 539, 545-552	9.3	105
193	A visible-light-driven heterojunction for enhanced photocatalytic water splitting over Ta ₂ O ₅ modified g-C ₃ N ₄ photocatalyst. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 6738-6745	6.7	104
192	Fabrication of TiO ₂ /RGO/Cu ₂ O heterostructure for photoelectrochemical hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2016 , 181, 7-15	21.8	99
191	MOFs-derived Co ₉ S ₈ -embedded graphene/hollow carbon spheres film with macroporous frameworks for hybrid supercapacitors with superior volumetric energy density. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8503-8509	13	97

190	Enhanced Recyclability, Stability, and Selectivity of CdS/C@Fe ₃ O ₄ Nanoreactors for Orientation Photodegradation of Ciprofloxacin. <i>Chemistry - A European Journal</i> , 2015 , 21, 18528-33	4.8	92
189	The fabrication of a novel Ag ₃ VO ₄ /WO ₃ heterojunction with enhanced visible light efficiency in the photocatalytic degradation of TC. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 3308-15	3.6	90
188	In-situ approach to fabricate BiOI photocathode with oxygen vacancies: Understanding the N ₂ reduced behavior in photoelectrochemical system. <i>Chemical Engineering Journal</i> , 2019 , 362, 349-356	14.7	90
187	Construction of nitrogen-doped graphene quantum dots-BiVO ₄ /g-C ₃ N ₄ Z-scheme photocatalyst and enhanced photocatalytic degradation of antibiotics under visible light. <i>RSC Advances</i> , 2016 , 6, 61162-61174	3.7	83
186	An in situ photoelectroreduction approach to fabricate Bi/BiOCl heterostructure photocathodes: understanding the role of Bi metal for solar water splitting. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 4894-4903	13	81
185	Hydrothermal synthesis and visible-light-driven photocatalytic degradation for tetracycline of Mn-doped SrTiO ₃ nanocubes. <i>Applied Surface Science</i> , 2015 , 333, 39-47	6.7	79
184	Specific oriented recognition of a new stable ICTX@Mfa with retrievability for selective photocatalytic degrading of ciprofloxacin. <i>Catalysis Science and Technology</i> , 2016 , 6, 1367-1377	5.5	76
183	In Situ Formation of Co ₉ S ₈ Quantum Dots in MOF-Derived Ternary Metal Layered Double Hydroxide Nanoarrays for High-Performance Hybrid Supercapacitors. <i>Advanced Energy Materials</i> , 2020 , 10, 1903193	21.8	74
182	Precisely tunable thickness of graphitic carbon nitride nanosheets for visible-light-driven photocatalytic hydrogen evolution. <i>Nanoscale</i> , 2017 , 9, 14103-14110	7.7	72
181	Organic Additives-Free Hydrothermal Synthesis and Visible-Light-Driven Photodegradation of Tetracycline of WO ₃ Nanosheets. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 5443-5450	3.9	70
180	In-situ anchoring Ag through organic polymer for configuring efficient plasmonic BiVO ₄ photoanode. <i>Chemical Engineering Journal</i> , 2019 , 358, 658-665	14.7	70
179	Highly efficient visible-light-driven photocatalytic degradation of tetracycline by a Z-scheme g-CN/BiTaO nanocomposite photocatalyst. <i>Dalton Transactions</i> , 2017 , 46, 8431-8438	4.3	69
178	Rational synthesis of ultrathin graphitic carbon nitride nanosheets for efficient photocatalytic hydrogen evolution. <i>Carbon</i> , 2017 , 121, 463-471	10.4	67
177	Ag-Decorated ATaO ₃ (A = K, Na) Nanocube Plasmonic Photocatalysts with Enhanced Photocatalytic Water-Splitting Properties. <i>Langmuir</i> , 2015 , 31, 9694-9	4	67
176	Design of mesoporous silica hybrid materials as sorbents for the selective recovery of rare earth metals. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 10327-10335	13	66
175	Molecularly Imprinted Fluorescent Test Strip for Direct, Rapid, and Visual Dopamine Detection in Tiny Amount of Biofluid. <i>Small</i> , 2019 , 15, e1803913	11	66
174	One-Step Nickel Foam Assisted Synthesis of Holey G-Carbon Nitride Nanosheets for Efficient Visible-Light Photocatalytic H Evolution. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 20521-20529	9.5	65
173	A novel hollow capsule-like recyclable functional ZnO/C/Fe ₃ O ₄ endowed with three-dimensional oriented recognition ability for selectively photodegrading danofloxacin mesylate. <i>Catalysis Science and Technology</i> , 2016 , 6, 6513-6524	5.5	61

172	Enhanced photocatalytic degradation of tetracycline antibiotics by reduced graphene oxide/CdS/ZnS heterostructure photocatalysts. <i>New Journal of Chemistry</i> , 2015 , 39, 5150-5160	3.6	60
171	Low Temperature CO Reforming with Methane Reaction over CeO-Modified Ni@SiO Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35022-35034	9.5	55
170	Fabrication and mechanism of a novel direct solid-state Z-scheme photocatalyst CdS/BiOI under visible light. <i>CrystEngComm</i> , 2016 , 18, 7796-7804	3.3	55
169	Hydrogen peroxide sensing using Cu ₂ O nanocubes decorated by Ag-Au alloy nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017 , 690, 1-7	5.7	53
168	Hierarchical MoS ₂ nanoflowers on carbon cloth as an efficient cathode electrode for hydrogen evolution under all pH values. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 11038-11046	6.7	53
167	Nitrogen doped NiS ₂ nanoarrays with enhanced electrocatalytic activity for water oxidation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17811-17816	13	51
166	Single cell electron collectors for highly efficient wiring-up electronic abiotic/biotic interfaces. <i>Nature Communications</i> , 2020 , 11, 4087	17.4	51
165	Visible-light-driven high photocatalytic activities of Cu/g-C ₃ N ₄ photocatalysts for hydrogen production. <i>RSC Advances</i> , 2016 , 6, 34633-34640	3.7	50
164	Hydrothermal synthesis of g-C ₃ N ₄ /CdWO ₄ nanocomposite and enhanced photocatalytic activity for tetracycline degradation under visible light. <i>CrystEngComm</i> , 2016 , 18, 6453-6463	3.3	50
163	Surface imprinting of a g-C ₃ N ₄ photocatalyst for enhanced photocatalytic activity and selectivity towards photodegradation of 2-mercaptobenzothiazole. <i>RSC Advances</i> , 2015 , 5, 40726-40736	3.7	49
162	Core-shell structured ZnCoO@ZnWO nanowire arrays on nickel foam for advanced asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2018 , 531, 64-73	9.3	47
161	Semiconductors with NIR driven upconversion performance for photocatalysis and photoelectrochemical water splitting. <i>CrystEngComm</i> , 2014 , 16, 3059	3.3	47
160	Fabrication of MgFe ₂ O ₄ /MoS ₂ Heterostructure Nanowires for Photoelectrochemical Catalysis. <i>Langmuir</i> , 2016 , 32, 1629-36	4	46
159	Effect of Calcination Temperature on the Performance of the Catalyst in Methane Dry Reforming. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 13370-13379	3.9	45
158	Thermally stable Ir/Ce _{0.9} La _{0.1} O ₂ catalyst for high temperature methane dry reforming reaction. <i>Nano Research</i> , 2017 , 10, 364-380	10	45
157	CdIn ₂ S ₄ /g-C ₃ N ₄ heterojunction photocatalysts: enhanced photocatalytic performance and charge transfer mechanism. <i>RSC Advances</i> , 2017 , 7, 231-237	3.7	44
156	Construction of hierarchical FeCoO@MnO core-shell nanostructures on carbon fibers for high-performance asymmetric supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2018 , 512, 419-427	9.3	44
155	Photosensitive polymer and semiconductors bridged by Au plasmon for photoelectrochemical water splitting. <i>Applied Catalysis B: Environmental</i> , 2016 , 195, 9-15	21.8	44

154	MOF-derived Co ₃ O ₄ thin film decorated BiVO ₄ for enhancement of photoelectrochemical water splitting. <i>Applied Surface Science</i> , 2019 , 491, 497-504	6.7	42
153	Acid-chromic chloride functionalized natural clay-particles for enhanced conversion of one-pot cellulose to 5-hydroxymethylfurfural in ionic liquids. <i>RSC Advances</i> , 2014 , 4, 11664	3.7	42
152	The Formation of Ti-H Species at Interface Is Lethal to the Efficiency of TiO ₂ -Based Dye-Sensitized Devices. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2083-2089	16.4	41
151	Full synergistic effect of hydrothermal NiCo ₂ O ₄ nanosheets/CuCo ₂ O ₄ nanocones supported on Ni foam for high-performance asymmetric supercapacitors. <i>Journal of Solid State Chemistry</i> , 2018 , 262, 327-334	3.3	41
150	Facile synthesis of CdS/BiVO ₄ photocatalysts with enhanced visible-light photocatalytic activity for degradation of organic pollutants in water. <i>Dalton Transactions</i> , 2017 , 46, 12675-12682	4.3	41
149	Organic-inorganic hybrid-photoanode built from NiFe-MOF and TiO ₂ for efficient PEC water splitting. <i>Electrochimica Acta</i> , 2020 , 349, 136383	6.7	40
148	The highly improved visible light photocatalytic activity of BiOI through fabricating a novel p-n heterojunction BiOI/WO ₃ nanocomposite. <i>CrystEngComm</i> , 2016 , 18, 1790-1799	3.3	40
147	Ex-situ flame co-doping of tin and tungsten ions in TiO ₂ nanorod arrays for synergistic promotion of solar water splitting. <i>Chemical Engineering Science</i> , 2020 , 226, 115843	4.4	38
146	Preparation and performance of a novel magnetic conductive imprinted photocatalyst for selective photodegradation of antibiotic solution. <i>RSC Advances</i> , 2013 , 3, 18373	3.7	38
145	3D CNTs/graphene network conductive substrate supported MOFs-derived CoZnNiS nanosheet arrays for ultra-high volumetric/gravimetric energy density hybrid supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2021 , 583, 288-298	9.3	37
144	Graphene-Sensitized Perovskite Oxide Monolayer Nanosheets for Efficient Photocatalytic Reaction. <i>Advanced Functional Materials</i> , 2018 , 28, 1806284	15.6	37
143	Formation of uniform nitrogen-doped C/Ni/TiO ₂ hollow spindles toward long cycle life lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8983-8988	13	35
142	Facile synthesis of microcellular foam catalysts with adjustable hierarchical porous structure, acid-base strength and wettability for biomass energy conversion. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13507-13518	13	34
141	InVO ₄ microspheres: Preparation, characterization and visible-light-driven photocatalytic activities. <i>Chemical Engineering Journal</i> , 2012 , 200-202, 310-316	14.7	34
140	Self-supported hierarchical core-shell Co ₉ S ₈ @NiCo ₂ O ₄ hollow nanoneedle arrays for asymmetric supercapacitors. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 982-987	6.8	33
139	Microwave-assisted synthesis of monoclinic-tetragonal BiVO ₄ heterojunctions with enhanced visible-light-driven photocatalytic degradation of tetracycline. <i>RSC Advances</i> , 2015 , 5, 90255-90264	3.7	33
138	Fabrication of 0D/2D Carbon Nitride Quantum Dots/SnNb ₂ O ₆ Ultrathin Nanosheets with Enhanced Photocatalytic Hydrogen Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 14332-14339	8.3	33
137	Fabrication of novel Z-scheme InVO ₄ /CdS heterojunctions with efficiently enhanced visible light photocatalytic activity. <i>CrystEngComm</i> , 2017 , 19, 982-993	3.3	32

136	Mechanism study on the photocatalytic efficiency enhancement of MoS ₂ modified Zn _{0.9} AgIn _{0.1} S ₈ quantum dots. <i>RSC Advances</i> , 2016 , 6, 99023-99033	3.7	32
135	Fabrication of Au@CdS/RGO/TiO ₂ heterostructure for photoelectrochemical hydrogen production. <i>New Journal of Chemistry</i> , 2016 , 40, 2287-2295	3.6	31
134	Solvothermal synthesis and visible light-driven photocatalytic degradation for tetracycline of Fe-doped SrTiO ₃ . <i>RSC Advances</i> , 2014 , 4, 47615-47624	3.7	31
133	MOF-derived 3D hierarchical nanoarrays consisting of NiCoZn-S nanosheets coupled with granular NiCo ₂ S ₄ nanowires for high-performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 26131-26138	13	31
132	Effective bandgap narrowing of CuInZnS quantum dots for photocatalytic H ₂ production via cocatalyst-alleviated charge recombination. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 258-265	6.8	31
131	Hydrothermal synthesis of porous rh-In ₂ O ₃ nanostructures with visible-light-driven photocatalytic degradation of tetracycline. <i>CrystEngComm</i> , 2015 , 17, 2336-2345	3.3	30
130	Ni/SiO ₂ Catalyst Prepared by Strong Electrostatic Adsorption for a Low-Temperature Methane Dry Reforming Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 3324-3333	3.9	30
129	Enhanced photoelectrochemical water oxidation performance of a hematite photoanode by decorating with Au-Pt core-shell nanoparticles. <i>Dalton Transactions</i> , 2017 , 46, 16050-16057	4.3	29
128	A hierarchical porous bowl-like PLA@MSNs-COOH composite for pH-dominated long-term controlled release of doxorubicin and integrated nanoparticle for potential second treatment. <i>Biomacromolecules</i> , 2015 , 16, 1131-45	6.9	29
127	Heteropolyacid-chitosan/TiO ₂ composites for the degradation of tetracycline hydrochloride solution. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 111, 347-360	1.6	29
126	Excellent visible-light-driven photocatalytic performance of Cu ₂ O sensitized NaNbO ₃ heterostructures. <i>New Journal of Chemistry</i> , 2015 , 39, 6171-6177	3.6	29
125	Fabrication of a visible-light-driven photocatalyst and degradation of tetracycline based on the photoinduced interfacial charge transfer of SrTiO ₃ /Fe ₂ O ₃ nanowires. <i>New Journal of Chemistry</i> , 2016 , 40, 5198-5208	3.6	29
124	MOF-derived Co ₉ S ₈ polyhedrons on NiCo ₂ S ₄ nanowires for high-performance hybrid supercapacitors. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4092-4100	6.8	28
123	Construction and enhanced photocatalytic activities of a hydrogenated TiO ₂ nanobelt coated with CDs/MoS ₂ nanosheets. <i>RSC Advances</i> , 2017 , 7, 8429-8442	3.7	27
122	Fabrication and excellent visible-light-driven photodegradation activity for antibiotics of SrTiO ₃ nanocube coated CdS microsphere heterojunctions. <i>RSC Advances</i> , 2016 , 6, 19878-19886	3.7	27
121	The synthesis of a novel Ag ₂ NaTaO ₃ hybrid with plasmonic photocatalytic activity under visible-light. <i>CrystEngComm</i> , 2014 , 16, 1384	3.3	27
120	Boosting Water Splitting Performance of BiVO ₄ Photoanode through Selective Surface Decoration of Ag ₂ S. <i>ChemCatChem</i> , 2018 , 10, 4927-4933	5.2	27
119	Selective photodegradation of 2-mercaptobenzothiazole by a novel imprinted CoFe ₂ O ₄ /MWCNTs photocatalyst. <i>RSC Advances</i> , 2015 , 5, 47820-47829	3.7	26

118	Enhanced visible-light-driven photocatalytic degradation of tetracycline by Cr ³⁺ doping SrTiO ₃ cubic nanoparticles. <i>RSC Advances</i> , 2015 , 5, 21290-21296	3.7	26
117	Silica nanoparticles doped with a europium(III) complex and coated with an ion imprinted polymer for rapid determination of copper(II). <i>Mikrochimica Acta</i> , 2015 , 182, 753-761	5.8	26
116	Integrated Heterostructure of PDA/Bi-AgIn ₅ S ₈ /TiO ₂ for Photoelectrochemical Hydrogen Production: Understanding the Synergistic Effect of Multilayer Structure. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1701574	4.6	25
115	Synthesis and evaluation of macroporous polymerized solid acid derived from Pickering HIPes for catalyzing cellulose into 5-hydroxymethylfurfural in an ionic liquid. <i>RSC Advances</i> , 2014 , 4, 43029-43038	3.7	25
114	Hierarchically Macro-/Mesoporous Polymer Foam as an Enhanced and Recyclable Catalyst System for the Sustainable Synthesis of 5-Hydroxymethylfurfural from Renewable Carbohydrates. <i>ChemPlusChem</i> , 2016 , 81, 108-118	2.8	25
113	Flame Reduced TiO ₂ Nanorod Arrays with Ag Nanoparticle Decoration for Efficient Solar Water Splitting. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 4818-4827	3.9	25
112	Reasonable regulation of kinetics over BiVO ₄ photoanode by Fe ₃ O ₄ catalysts for boosting photoelectrochemical water splitting. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 28184-28193	6.7	24
111	Synthesis of BiYO ₃ nanorods with visible-light photocatalytic activity for the degradation of tetracycline. <i>Materials Letters</i> , 2015 , 161, 45-48	3.3	23
110	Hydrothermal synthesis and enhanced visible-light photocatalytic activity of octahedral Bi ₂ WO ₆ modified with CdSe quantum dots. <i>RSC Advances</i> , 2014 , 4, 18264	3.7	23
109	Enhanced photoelectrochemical and photocatalytic activity by Cu ₂ O/SrTiO ₃ p-n heterojunction via a facile deposition-precipitation technique. <i>RSC Advances</i> , 2015 , 5, 33938-33945	3.7	22
108	A facile and scalable route for synthesizing ultrathin carbon nitride nanosheets with efficient solar hydrogen evolution. <i>Carbon</i> , 2018 , 136, 160-167	10.4	22
107	Combination of Brønsted and Lewis Polymeric Catalysts for Efficient Conversion of Cellulose into 5-Hydroxymethylfurfural (HMF) in Ionic Liquids. <i>Energy Technology</i> , 2016 , 4, 600-609	3.5	22
106	0D/2D Z-scheme heterojunctions of Zn-AgIn ₅ S ₈ QDs/Fe ₂ O ₃ nanosheets for efficient visible-light-driven hydrogen production. <i>Chemical Engineering Journal</i> , 2021 , 417, 128275	14.7	22
105	Inhomogeneous distribution of platinum and ionomer in the porous cathode to maximize the performance of a PEM fuel cell. <i>AIChE Journal</i> , 2017 , 63, 4895-4910	3.6	21
104	Synthesis and evaluation of stable polymeric solid acid based on halloysite nanotubes for conversion of one-pot cellulose to 5-hydroxymethylfurfural. <i>RSC Advances</i> , 2014 , 4, 23797-23806	3.7	21
103	Facile Preparation of Bi ₂₄ O ₃₁ Cl ₁₀ Nanosheets for Visible-Light-Driven Photocatalytic Degradation of Tetracycline Hydrochloride. <i>Catalysis Letters</i> , 2017 , 147, 2167-2172	2.8	21
102	Carbon nanotubes interpenetrating MOFs-derived Co-Ni-S composite spheres with interconnected architecture for high performance hybrid supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2021 , 602, 627-635	9.3	21
101	Rod-in-tube nanostructure of MgFe ₂ O ₄ : electrospinning synthesis and photocatalytic activities of tetracycline. <i>New Journal of Chemistry</i> , 2016 , 40, 538-544	3.6	20

100	Synthesis of C/Co ₃ O ₄ composite mesoporous hollow sphere sandwich graphene films for high-performance supercapacitors. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2554-2562	6.8	20
99	A Whole-Cell Inorganic-Biohybrid System Integrated by Reduced Graphene Oxide for Boosting Solar Hydrogen Production. <i>ACS Catalysis</i> , 2020 , 10, 13290-13295	13.1	20
98	Efficient 0D/2D Heterostructured Photocatalysts with Zn-AgIn ₅ S ₈ Quantum Dots Embedded in Ultrathin NiS Nanosheets for Hydrogen Production. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 16249-16257	3.9	20
97	Enhanced visible-light-driven photocatalytic activity of Bi ₂ O ₃ /Bi ₂ WO ₆ Z-scheme heterojunction photocatalysts for tetracycline degradation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018 , 231, 86-92	3.1	20
96	Hydrothermal synthesis of Fe ₂ O ₃ /ZnO heterojunction photoanode for photoelectrochemical water splitting. <i>Functional Materials Letters</i> , 2015 , 08, 1550058	1.2	19
95	Enhanced photocatalytic degradation activity for tetracycline under visible light irradiation of Ag/Bi _{3.84} W _{0.16} O _{6.24} nanooctahedrons. <i>CrystEngComm</i> , 2015 , 17, 2421-2428	3.3	19
94	A facile one-step solvothermal synthesis of bismuth phosphate-graphene nanocomposites with enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2014 , 435, 156-63	9.3	19
93	Sandwich-Nanostructured NiO/ZnO Nanowires@Fe ₂ O ₃ Film Photoanode with a Synergistic Effect and p-n Junction for Efficient Photoelectrochemical Water Splitting. <i>ChemElectroChem</i> , 2014 , 1, 2089-2097	4.3	19
92	Amorphous MnCO ₃ /C Double Layers Decorated on BiVO ₄ Photoelectrodes to Boost Nitrogen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52763-52770	9.5	19
91	Flexible yolk-shelled NiCo ₂ S ₄ hollow spheres/RGO film electrodes for efficient supercapacitive energy storage. <i>New Journal of Chemistry</i> , 2018 , 42, 16174-16182	3.6	19
90	High-performance for hydrogen evolution and pollutant degradation of reduced graphene oxide/two-phase g-CN heterojunction photocatalysts. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 14486-14498	5.1	18
89	Fabrication, Characterization and Response Surface Method (RSM) Optimization for Tetracycline Photodegradation by BiWO ₄ -graphene oxide (BWO-GO). <i>Scientific Reports</i> , 2016 , 6, 37466	4.9	18
88	Characterization and photocatalytic activity of Bi ₃ TaO ₇ prepared by hydrothermal method. <i>Journal of Solid State Chemistry</i> , 2017 , 256, 203-212	3.3	18
87	Dip-coating synthesis of P-doped BiVO ₄ photoanodes with enhanced photoelectrochemical performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 93, 582-589	5.3	18
86	In Situ Decorating Coordinatively Unsaturated Fe Sites for Boosting Water Oxidation Performance of TiO ₂ Photoanode. <i>Energy Technology</i> , 2019 , 7, 1801128	3.5	17
85	Ag-Pi/BiVO ₄ heterojunction with efficient interface carrier transport for photoelectrochemical water splitting. <i>Journal of Colloid and Interface Science</i> , 2020 , 579, 619-627	9.3	16
84	Facile synthesis of BiOI/CdWO ₄ p-n junctions: enhanced photocatalytic activities and photoelectrochemistry. <i>RSC Advances</i> , 2016 , 6, 38290-38299	3.7	16
83	Hydrothermal synthesis and thermoelectric transport properties of Sb ₂ Te ₃ Te heterogeneous nanostructures. <i>CrystEngComm</i> , 2013 , 15, 2978	3.3	16

82	Graphene oxide as solid-state electron mediator enhanced photocatalytic activities of GO-Ag ₃ PO ₄ /Bi ₂ O ₃ Z-scheme photocatalyst efficiently by visible-light driven. <i>Materials Technology</i> , 2018 , 33, 421-432	2.1	15
81	A Periplasmic Photosensitized Biohybrid System for Solar Hydrogen Production. <i>Advanced Energy Materials</i> , 2021 , 11, 2100256	21.8	15
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