

# Yuanguo Xu

## List of Publications by Year in Descending Order

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

157  
papers

8,844  
citations

50  
h-index

89  
g-index

160  
ext. papers

10,083  
ext. citations

6.7  
avg, IF

6.26  
L-index

#	Paper	IF	Citations
157	Synergistically coupling of Co/Mo2C/Co6Mo6C2@C electrocatalyst for overall water splitting: The role of carbon precursors in structural engineering and catalytic activity. <i>Applied Surface Science</i> , <b>2022</b> , 579, 152148	6.7	4
156	A new recognition moiety diphenylborinate in the detection of pyruvate via Lewis acid/base sensing pathway and its bioimaging applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 267, 120457	4.4	0
155	C-O band structure modified broad spectral response carbon nitride with enhanced electron density in photocatalytic peroxymonosulfate activation for bisphenol pollutants removal. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 432, 128663	12.8	1
154	Prostate cancer biomarker citrate detection using triaminoguanidinium carbon dots, its applications in live cells and human urine samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 120622	4.4	1
153	Fabrication of thiophene decorated side chain entanglement free COFs for highly regenerable mercury extraction. <i>Chemical Engineering Journal</i> , <b>2021</b> , 430, 133149	14.7	1
152	Novel 3D graphene ornamented with CoO nanoparticles as an efficient bifunctional electrocatalyst for oxygen and hydrogen evolution reactions. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 261, 124237	4.4	8
151	Highly Stable Ultrafine Boron-Doped NiCo@Carbon Nanoparticles as a Robust Electrocatalyst for the Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , <b>2021</b> , 8, 1337-1348	4.3	3
150	Simultaneous synthesis of bimetallic@3D graphene electrocatalyst for HER and OER. <i>Frontiers of Materials Science</i> , <b>2021</b> , 15, 305-315	2.5	
149	Simultaneous fabrication of cobalt-based graphene with rich N dopant for hydrogen evolution reaction in basic medium. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 14010-14020	4.5	0
148	Ni-Fe-Co based mixed metal/metal-oxides nanoparticles encapsulated in ultrathin carbon nanosheets: A bifunctional electrocatalyst for overall water splitting. <i>Surfaces and Interfaces</i> , <b>2021</b> , 26, 101361	4.1	5
147	Synthesis of carbon nitride in moist environments: A defect engineering strategy toward superior photocatalytic hydrogen evolution reaction. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 54, 403-413	12	12
146	An efficient broad spectrum-driven carbon and oxygen co-doped g-CN for the photodegradation of endocrine disrupting: Mechanism, degradation pathway, DFT calculation and toluene selective oxidation. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 123309	12.8	17
145	Sulfur promoted n- $\pi$ electron transitions in thiophene-doped g-C3N4 for enhanced photocatalytic activity. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 450-459	11.3	28
144	Facile synthesis of N, S co-doped MoO2@C nanorods as an outstanding electrocatalyst for hydrogen evolution reaction. <i>Applied Surface Science</i> , <b>2021</b> , 537, 147971	6.7	15
143	Construction 3D rod-like Bi3.64Mo0.36O6.55/CuBi2O4 photocatalyst for enhanced photocatalytic activity via a photo-Fenton-like Cu2+/Cu+ redox cycle. <i>Separation and Purification Technology</i> , <b>2021</b> , 254, 117546	8.3	7
142	Simplistic two-step fabrication of porous carbon-based biomass-derived electrocatalyst for efficient hydrogen evolution reaction. <i>Energy Conversion and Management</i> , <b>2021</b> , 227, 113628	10.6	11
141	Novel broad-spectrum-driven g-CN with oxygen-linked band and porous defect for photodegradation of bisphenol A, 2-mercaptophentiazole and ciprofloxacin. <i>Chemosphere</i> , <b>2021</b> , 268, 128839	8.4	6

140	Realizing the synergistic effect of electronic modulation over graphitic carbon nitride for highly efficient photodegradation of bisphenol A and 2-mercaptobenzothiazole: Mechanism, degradation pathway and density functional theory calculation. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 583, 113-127	9.3	9
139	Hierarchical ultrathin defect-rich CoFe <sub>2</sub> O <sub>4</sub> @BC nanoflowers synthesized via a temperature-regulated strategy with outstanding hydrogen evolution reaction activity. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 1455-1467	6.8	7
138	Silk fibroin-derived carbon aerogels embedded with copper nanoparticles for efficient electrocatalytic CO-to-CO conversion. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 600, 412-420	9.3	2
137	Controllable fabrication of abundant nickel-nitrogen doped CNT electrocatalyst for robust hydrogen evolution reaction. <i>Applied Surface Science</i> , <b>2021</b> , 562, 150161	6.7	5
136	Probing effective charge migration and highly improved photocatalytic activity on Polyaniline/Zn <sub>3</sub> In <sub>2</sub> S <sub>6</sub> nano-flower under long wavelength light. <i>Separation and Purification Technology</i> , <b>2021</b> , 274, 119004	8.3	6
135	Ni nanoparticles oriented on MoO <sub>2</sub> @BC nanosheets with an outstanding long-term stability for hydrogen evolution reaction. <i>Chemical Engineering Science</i> , <b>2021</b> , 246, 116868	4.4	2
134	Boron nitride-based electrocatalysts for HER, OER, and ORR: A mini-review. <i>Frontiers of Materials Science</i> , <b>2021</b> , 15, 543-552	2.5	1
133	Direct Z-scheme red carbon nitride/rod-like lanthanum vanadate composites with enhanced photodegradation of antibiotic contaminants. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 277, 119245	21.8	39
132	Preparation of magnetically recoverable and Z-scheme BaFe <sub>12</sub> O <sub>19</sub> /AgBr composite for degradation of 2-Mercaptobenzothiazole and Methyl orange under visible light. <i>Applied Surface Science</i> , <b>2020</b> , 521, 146343	6.7	8
131	Porous defective carbon nitride obtained by a universal method for photocatalytic hydrogen production from water splitting. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 566, 171-182	9.3	22
130	Ni <sub>3</sub> Fe nanoparticles enclosed by B-doped carbon for efficient bifunctional performances of oxygen and hydrogen evolution reactions. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 835, 155267	5.7	24
129	Surface amorphous carbon doping of carbon nitride for efficient acceleration of electron transfer to boost photocatalytic activities. <i>Applied Surface Science</i> , <b>2020</b> , 507, 145145	6.7	11
128	Construction of polythiophene/Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> nanocomposites to promote photocatalytic degradation of bisphenol a. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 823, 153773	5.7	24
127	In situ construction efficient visible-light-driven three-dimensional Polypyrrole/ZnInS nanoflower to systematically explore the photoreduction of Cr(VI): Performance, factors and mechanism. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 384, 121480	12.8	39
126	B-doped carbon enclosed Ni nanoparticles: A robust, stable and efficient electrocatalyst for hydrogen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 869, 114085	4.1	9
125	Novel broad-spectrum-driven oxygen-linked band and porous defect co-modified orange carbon nitride for photodegradation of Bisphenol A and 2-Mercaptobenzothiazole. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 396, 122659	12.8	11
124	Tailoring of crystalline structure of carbon nitride for superior photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 556, 324-334	9.3	10
123	Nickel loaded graphene-like carbon sheets an improved electrocatalyst for hydrogen evolution reaction. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 227, 105-110	4.4	15

122	Construction of 3D Hierarchical GO/MoS <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> Ternary Nanocomposites with Enhanced Visible-Light Photocatalytic Degradation Performance. <i>ChemistrySelect</i> , <b>2019</b> , 4, 7123-7133	1.8	11
121	3D graphene decorated with hexagonal micro-coin of Co(OH) <sub>2</sub> : A competent electrocatalyst for hydrogen and oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 14770-14779	6.7	25
120	The effect of solvent parameters on properties of iron-based silica binary aerogels as adsorbents. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 549, 189-200	9.3	5
119	Calcination synthesis of N-doped BiOIO <sub>3</sub> with high LED-light-driven photocatalytic activity. <i>Materials Letters</i> , <b>2019</b> , 246, 219-222	3.3	11
118	The construction of a Fenton system to achieve in situ H <sub>2</sub> O <sub>2</sub> generation and decomposition for enhanced photocatalytic performance. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1490-1500	6.8	15
117	Fabrication of magnetic BaFe <sub>12</sub> O <sub>19</sub> /Ag <sub>3</sub> PO <sub>4</sub> composites with an in situ photo-Fenton-like reaction for enhancing reactive oxygen species under visible light irradiation. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 2563-2570	5.5	19
116	Cobalt phosphide nanoparticles embedded in 3D N-doped porous carbon for efficient hydrogen and oxygen evolution reactions. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 4543-4552	6.7	42
115	Nickel and cobalt in situ grown in 3-dimensional hierarchical porous graphene for effective methanol electro-oxidation reaction. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 838, 7-15	4.1	31
114	In situ formation of small-scale Ag <sub>2</sub> S nanoparticles in carbonaceous aerogel for enhanced photodegradation performance. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 292, 111476	6	8
113	Controlled self-assembly synthesis of CuCo <sub>2</sub> O <sub>4</sub> /rGO for improving the morphology-dependent electrochemical oxygen evolution performance. <i>Applied Surface Science</i> , <b>2019</b> , 493, 710-718	6.7	12
112	Construction of cobaltous oxide/nickel/iron oxide electrodes with great cycle stability and high energy density for advanced asymmetry supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 21219-21228	2.1	5
111	BiPO <sub>4</sub> nanorods anchored in biomass-based carbonaceous aerogel skeleton: A 2D-3D heterojunction composite as an energy-efficient photocatalyst. <i>Journal of Supercritical Fluids</i> , <b>2019</b> , 147, 33-41	4.2	16
110	Construction of novel CNT/LaVO <sub>4</sub> nanostructures for efficient antibiotic photodegradation. <i>Chemical Engineering Journal</i> , <b>2019</b> , 357, 487-497	14.7	113
109	Conjugated conducting polymers PANI decorated Bi <sub>12</sub> O <sub>17</sub> Cl <sub>2</sub> photocatalyst with extended light response range and enhanced photoactivity. <i>Applied Surface Science</i> , <b>2019</b> , 464, 552-561	6.7	52
108	Novel one-step synthesis of nickel encapsulated carbon nanotubes as efficient electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 2685-2693	6.7	30
107	In situ growth of M-MO (M = Ni, Co) in 3D graphene as a competent bifunctional electrocatalyst for OER and HER. <i>Electrochimica Acta</i> , <b>2019</b> , 298, 163-171	6.7	70
106	One-step synthesis of Fe-doped surface-alkalinized g-C <sub>3</sub> N <sub>4</sub> and their improved visible-light photocatalytic performance. <i>Applied Surface Science</i> , <b>2019</b> , 469, 739-746	6.7	71
105	Novel broad spectrum light responsive PPy/hexagonal-SnS <sub>2</sub> photocatalyst for efficient photoreduction of Cr(VI). <i>Materials Research Bulletin</i> , <b>2019</b> , 112, 226-235	5.1	25

104	Phase and interlayer effect of transition metal dichalcogenide cocatalyst toward photocatalytic hydrogen evolution: The case of MoSe <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 243, 330-336	21.8	78
103	Integrating CoOx cocatalyst on hexagonal Fe <sub>2</sub> O <sub>3</sub> for effective photocatalytic oxygen evolution. <i>Applied Surface Science</i> , <b>2019</b> , 469, 933-940	6.7	33
102	Enhanced long-wavelength light utilization with polyaniline/bismuth-rich bismuth oxyhalide composite towards photocatalytic degradation of antibiotics. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 537, 101-111	9.3	42
101	Three dimensional polyaniline/MgIn <sub>2</sub> S <sub>4</sub> nanoflower photocatalysts accelerated interfacial charge transfer for the photoreduction of Cr(VI), photodegradation of organic pollution and photocatalytic H <sub>2</sub> production. <i>Chemical Engineering Journal</i> , <b>2019</b> , 360, 1601-1612	14.7	103
100	Enhanced photocatalytic activity of ternary Ag <sub>3</sub> PO <sub>4</sub> /GO/g-C <sub>3</sub> N <sub>4</sub> photocatalysts for Rhodamine B degradation under visible light radiation. <i>Applied Surface Science</i> , <b>2019</b> , 466, 70-77	6.7	58
99	Graphene quantum dots modified Ag <sub>3</sub> PO <sub>4</sub> for facile synthesis and the enhanced photocatalytic performance. <i>Journal of the Chinese Advanced Materials Society</i> , <b>2018</b> , 6, 255-269		7
98	0D/2D Fe <sub>2</sub> O <sub>3</sub> quantum dots/g-C <sub>3</sub> N <sub>4</sub> for enhanced visible-light-driven photocatalysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 541, 188-194	5.1	44
97	Different Morphologies of SnS <sub>2</sub> Supported on 2D g-C <sub>3</sub> N <sub>4</sub> for Excellent and Stable Visible Light Photocatalytic Hydrogen Generation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 5132-5141	8.3	102
96	1D metallic MoO <sub>2</sub> -C as co-catalyst on 2D g-C <sub>3</sub> N <sub>4</sub> semiconductor to promote photocatalytic hydrogen production. <i>Applied Surface Science</i> , <b>2018</b> , 447, 732-739	6.7	52
95	Solvothermal synthesis of metallic 1T-WS <sub>2</sub> : A supporting co-catalyst on carbon nitride nanosheets toward photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , <b>2018</b> , 335, 282-289	14.7	121
94	Novel Ag <sub>2</sub> S quantum dot modified 3D flower-like SnS <sub>2</sub> composites for photocatalytic and photoelectrochemical applications. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 63-72	6.8	33
93	Multifunctional C-Doped CoFe <sub>2</sub> O <sub>4</sub> Material as Cocatalyst to Promote Reactive Oxygen Species Generation over Magnetic Recyclable CoFe/Ag <sub>2</sub> X Photocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 11968-11978	8.3	29
92	Fabrication of Ag/AgCl/ZnFe <sub>2</sub> O <sub>4</sub> composites with enhanced photocatalytic activity for pollutant degradation and E. coli disinfection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 553, 114-124	5.1	34
91	Highly Efficient Visible-Light-Driven Schottky Catalyst MoN/2D g-C <sub>3</sub> N <sub>4</sub> for Hydrogen Production and Organic Pollutants Degradation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 8863-8870	7.0	29
90	Visible-light-driven Ag/AgBr/ZnFeO composites with excellent photocatalytic activity for E. coli disinfection and organic pollutant degradation. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 555-566	8.3	68
89	Construction of molybdenum dioxide nanosheets coated on the surface of nickel ferrite nanocrystals with ultrahigh specific capacity for hybrid supercapacitor. <i>Electrochimica Acta</i> , <b>2018</b> , 260, 439-448	6.7	20
88	Construction of solid-liquid interfacial Fenton-like reaction under visible light irradiation over etched CoFe <sub>2</sub> O <sub>4</sub> /BiOBr photocatalysts. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 551-561	5.5	19
87	Constructing magnetic catalysts with in-situ solid-liquid interfacial photo-Fenton-like reaction over Ag <sub>3</sub> PO <sub>4</sub> @NiFe <sub>2</sub> O <sub>4</sub> composites. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 225, 40-50	21.8	132

86	A multidimensional In <sub>2</sub> S <sub>3</sub> /CuInS <sub>2</sub> heterostructure for photocatalytic carbon dioxide reduction. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 3163-3169	6.8	45
85	Ternary MIL-100(Fe)@Fe <sub>3</sub> O <sub>4</sub> /CA magnetic nanophotocatalysts (MNPCs): Magnetically separable and Fenton-like degradation of tetracycline hydrochloride. <i>Advanced Powder Technology</i> , <b>2018</b> , 29, 3305-3314	4.6	35
84	Selective adsorption of organic dyes by porous hydrophilic silica aerogels from aqueous system. <i>Water Science and Technology</i> , <b>2018</b> , 78, 402-414	2.2	22
83	Graphene oxide-modified LaVO <sub>4</sub> nanocomposites with enhanced photocatalytic degradation efficiency of antibiotics. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2818-2828	6.8	22
82	Synthesis of zinc ferrite/silver iodide composite with enhanced photocatalytic antibacterial and pollutant degradation ability. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 528, 70-81	9.3	36
81	Non-metal photocatalyst nitrogen-doped carbon nanotubes modified mpg-C(3)N(4): facile synthesis and the enhanced visible-light photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 494, 38-46	9.3	53
80	Facile preparation of TiO <sub>2</sub> /C <sub>3</sub> N <sub>4</sub> hybrid materials with enhanced capacitive properties for high performance supercapacitors. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 702, 178-185	5.7	43
79	Graphene quantum dots modified mesoporous graphite carbon nitride with significant enhancement of photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 207, 429-437	21.8	175
78	Reversible Formation of g-C <sub>3</sub> N <sub>4</sub> 3D Hydrogels through Ionic Liquid Activation: Gelation Behavior and Room-Temperature Gas-Sensing Properties. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700653	15.6	59
77	Design of 3D WO <sub>3</sub> /h-BN nanocomposites for efficient visible-light-driven photocatalysis. <i>RSC Advances</i> , <b>2017</b> , 7, 25160-25170	3.7	22
76	A Z-scheme magnetic recyclable Ag/AgBr@CoFe <sub>2</sub> O <sub>4</sub> photocatalyst with enhanced photocatalytic performance for pollutant and bacterial elimination. <i>RSC Advances</i> , <b>2017</b> , 7, 30845-30854	3.7	35
75	Visible-light-driven ZnFe <sub>2</sub> O <sub>4</sub> /Ag/Ag <sub>3</sub> VO <sub>4</sub> photocatalysts with enhanced photocatalytic activity under visible light irradiation. <i>Materials Research Bulletin</i> , <b>2017</b> , 95, 607-615	5.1	42
74	Enhancing reactive oxygen species generation and photocatalytic performance via adding oxygen reduction reaction catalysts into the photocatalysts. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 218, 174-185	21.8	62
73	Kinetics and mechanism of enhanced photocatalytic activity employing ZnS nanospheres/graphene-like C <sub>3</sub> N <sub>4</sub> . <i>Molecular Catalysis</i> , <b>2017</b> , 438, 103-112	3.3	16
72	Synthesis of dark orange montmorillonite/g-C <sub>3</sub> N <sub>4</sub> composites and their applications in the environment. <i>Journal of Physics and Chemistry of Solids</i> , <b>2017</b> , 107, 131-139	3.9	11
71	Designing Z-scheme 2D-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> VO <sub>4</sub> hybrid structures for improved photocatalysis and photocatalytic mechanism insight. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2017</b> , 214, 1600946	1.6	16
70	Novel magnetic BaFe <sub>12</sub> O <sub>19</sub> /g-C <sub>3</sub> N <sub>4</sub> composites with enhanced thermocatalytic and photo-Fenton activity under visible-light. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 710, 510-518	5.7	46
69	Ag <sub>2</sub> S quantum dots in situ coupled to hexagonal SnS <sub>2</sub> with enhanced photocatalytic activity for MO and Cr(VI) removal. <i>RSC Advances</i> , <b>2017</b> , 7, 46823-46831	3.7	33

68	Construction of SnO <sub>2</sub> /graphene-like g-C <sub>3</sub> N <sub>4</sub> with enhanced visible light photocatalytic activity. <i>RSC Advances</i> , <b>2017</b> , 7, 36101-36111	3.7	51
67	Controllable Synthesis of Ultrathin NiCo O Nanosheets Incorporated onto Composite Nanotubes for Efficient Oxygen Reduction. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 2426-2433	4.5	13
66	Facile preparation of NiFe <sub>2</sub> O <sub>4</sub> /MoS <sub>2</sub> composite material with synergistic effect for high performance supercapacitor. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 726, 608-617	5.7	60
65	Hydrothermal synthesis of mpg-C <sub>3</sub> N <sub>4</sub> and Bi <sub>2</sub> WO <sub>6</sub> nest-like structure nanohybrids with enhanced visible light photocatalytic activities. <i>RSC Advances</i> , <b>2017</b> , 7, 38682-38690	3.7	59
64	Low-crystalline mesoporous CoFe <sub>2</sub> O <sub>4</sub> /C composite with oxygen vacancies for high energy density asymmetric supercapacitors. <i>RSC Advances</i> , <b>2017</b> , 7, 55513-55522	3.7	41
63	Chitosan/sodium alginate modified graphene oxide-based nanocomposite as a carrier for drug delivery. <i>Ceramics International</i> , <b>2016</b> , 42, 17798-17805	5.1	48
62	Removal of cationic dyes from aqueous solution by adsorption onto hydrophobic/hydrophilic silica aerogel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 509, 539-549	5.1	112
61	Novel magnetic CoFe <sub>2</sub> O <sub>4</sub> /Ag <sub>3</sub> VO <sub>4</sub> composites: Highly efficient visible light photocatalytic and antibacterial activity. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 199, 11-22	21.8	165
60	Non-covalent modification of graphene oxide nanocomposites with chitosan/dextran and its application in drug delivery. <i>RSC Advances</i> , <b>2016</b> , 6, 9328-9337	3.7	52
59	Facile synthesis of CNT/AgI with enhanced photocatalytic degradation and antibacterial ability. <i>RSC Advances</i> , <b>2016</b> , 6, 6905-6914	3.7	21
58	Novel visible-light-driven Fe <sub>2</sub> O <sub>3</sub> /Ag <sub>3</sub> VO <sub>4</sub> composite with enhanced photocatalytic activity toward organic pollutants degradation. <i>RSC Advances</i> , <b>2016</b> , 6, 3600-3607	3.7	26
57	Modification of Ag <sub>3</sub> VO <sub>4</sub> with graphene-like MoS <sub>2</sub> for enhanced visible-light photocatalytic property and stability. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 2168-2177	3.6	35
56	A controlled solvothermal approach to synthesize nanocrystalline iron oxide for congo red adsorptive removal from aqueous solutions. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 4481-4494	4.3	24
55	Core-shell magnetic Ag/AgCl@Fe <sub>2</sub> O <sub>3</sub> photocatalysts with enhanced photoactivity for eliminating bisphenol A and microbial contamination. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 3413-3422	3.6	27
54	Controlled synthesis of ordered mesoporous g-C <sub>3</sub> N <sub>4</sub> with a confined space effect on its photocatalytic activity. <i>Materials Science in Semiconductor Processing</i> , <b>2016</b> , 46, 59-68	4.3	40
53	Carbon nitride nanowires/nanofibers: A novel template-free synthesis from a cyanuric chloride/helamine precursor towards enhanced adsorption and visible-light photocatalytic performance. <i>Ceramics International</i> , <b>2016</b> , 42, 4158-4170	5.1	49
52	Three-dimensionally ordered macroporous WO <sub>3</sub> modified Ag <sub>3</sub> PO <sub>4</sub> with enhanced visible light photocatalytic performance. <i>Ceramics International</i> , <b>2016</b> , 42, 1392-1398	5.1	24
51	Construction of a 2D Graphene-Like MoS <sub>2</sub> /C <sub>3</sub> N <sub>4</sub> Heterojunction with Enhanced Visible-Light Photocatalytic Activity and Photoelectrochemical Activity. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 4764-4773	4.8	135

50	MO degradation by Ag-Ag <sub>2</sub> O/g-C <sub>3</sub> N <sub>4</sub> composites under visible-light irradiation. <i>SpringerPlus</i> , <b>2016</b> , 5, 369		22
49	Synthesis and photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> /BiOI/BiOBr ternary composites. <i>RSC Advances</i> , <b>2016</b> , 6, 41204-41213	3.7	42
48	WO <sub>3</sub> nanorod photocatalysts decorated with few-layer g-C <sub>3</sub> N <sub>4</sub> nanosheets: controllable synthesis and photocatalytic mechanism research. <i>RSC Advances</i> , <b>2016</b> , 6, 80193-80200	3.7	16
47	High yield synthesis of nano-size g-C <sub>3</sub> N <sub>4</sub> derivatives by a dissolve-regrowth method with enhanced photocatalytic ability. <i>RSC Advances</i> , <b>2015</b> , 5, 26281-26290	3.7	47
46	Synthesis of g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> VO <sub>4</sub> composites with enhanced photocatalytic activity under visible light irradiation. <i>Chemical Engineering Journal</i> , <b>2015</b> , 271, 96-105	14.7	132
45	g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> composites with synergistic effect for increased photocatalytic activity under the visible light irradiation. <i>Materials Science in Semiconductor Processing</i> , <b>2015</b> , 39, 726-734	4.3	44
44	Synthesis of magnetic CoFe <sub>2</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> composite and its enhancement of photocatalytic ability under visible-light. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 478, 71-80	5.1	192
43	Preparation of magnetic Ag/AgCl/CoFe <sub>2</sub> O <sub>4</sub> composites with high photocatalytic and antibacterial ability. <i>RSC Advances</i> , <b>2015</b> , 5, 41475-41483	3.7	29
42	Magnetically separable Fe <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> catalyst with enhanced photocatalytic activity. <i>RSC Advances</i> , <b>2015</b> , 5, 95727-95735	3.7	45
41	Synthesis and characterization of BN/Bi <sub>2</sub> WO <sub>6</sub> composite photocatalysts with enhanced visible-light photocatalytic activity. <i>RSC Advances</i> , <b>2015</b> , 5, 88832-88840	3.7	32
40	A core-shell structured magnetic Ag/AgBr@Fe <sub>2</sub> O <sub>3</sub> composite with enhanced photocatalytic activity for organic pollutant degradation and antibacterium. <i>RSC Advances</i> , <b>2015</b> , 5, 71035-71045	3.7	37
39	Synthesis of few-layer MoS <sub>2</sub> nanosheet-loaded Ag <sub>3</sub> PO <sub>4</sub> for enhanced photocatalytic activity. <i>Dalton Transactions</i> , <b>2015</b> , 44, 3057-66	4.3	66
38	Angstrom-sized tungsten carbide promoted platinum electrocatalyst for effective oxygen reduction reaction and resource saving. <i>RSC Advances</i> , <b>2015</b> , 5, 96488-96494	3.7	5
37	Visible-light-induced blue MoO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> composite with enhanced photocatalytic activity. <i>Materials Research Bulletin</i> , <b>2015</b> , 70, 500-505	5.1	41
36	In situ growth of Ag/AgCl on the surface of CNT and the effect of CNT on the photoactivity of the composite. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 5540-5547	3.6	12
35	Magnetic g-C <sub>3</sub> N <sub>4</sub> /NiFe <sub>2</sub> O <sub>4</sub> hybrids with enhanced photocatalytic activity. <i>RSC Advances</i> , <b>2015</b> , 5, 57960-57967	3.7	92
34	Controllable synthesis of CeO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> composites and their applications in the environment. <i>Dalton Transactions</i> , <b>2015</b> , 44, 7021-31	4.3	101
33	Facile fabrication of the visible-light-driven Bi <sub>2</sub> WO <sub>6</sub> /BiOBr composite with enhanced photocatalytic activity. <i>RSC Advances</i> , <b>2014</b> , 4, 82-90	3.7	159



32	Graphene-analogue carbon nitride: novel exfoliation synthesis and its application in photocatalysis and photoelectrochemical selective detection of trace amount of Cu <sup>II+</sup> . <i>Nanoscale</i> , <b>2014</b> , 6, 1406-15	7.7	308
31	CNT/Ag <sub>3</sub> PO <sub>4</sub> composites with highly enhanced visible light photocatalytic activity and stability. <i>Chemical Engineering Journal</i> , <b>2014</b> , 241, 35-42	14.7	98
30	Exfoliated graphene-like carbon nitride in organic solvents: enhanced photocatalytic activity and highly selective and sensitive sensor for the detection of trace amounts of Cu <sup>2+</sup> . <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 2563	13	288
29	Graphene-analogue boron nitride/Ag <sub>3</sub> PO <sub>4</sub> composite for efficient visible-light-driven photocatalysis. <i>RSC Advances</i> , <b>2014</b> , 4, 56853-56862	3.7	32
28	Ion-exchange preparation for visible-light-driven photocatalyst AgBr/Ag <sub>2</sub> CO <sub>3</sub> and its photocatalytic activity. <i>RSC Advances</i> , <b>2014</b> , 4, 9139	3.7	41
27	Negative-charge-functionalized mesoporous silica nanoparticles as drug vehicles targeting hepatocellular carcinoma. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 474, 223-31	6.5	38
26	One-pot solvothermal synthesis of Cu-modified BiOCl via a Cu-containing ionic liquid and its visible-light photocatalytic properties. <i>RSC Advances</i> , <b>2014</b> , 4, 14281	3.7	98
25	In situ oxidation synthesis of visible-light-driven plasmonic photocatalyst Ag/AgCl/g-C <sub>3</sub> N <sub>4</sub> and its activity. <i>Ceramics International</i> , <b>2014</b> , 40, 9293-9301	5.1	85
24	Improved visible light photocatalytic activity of MWCNT/BiOBr composite synthesized via a reactable ionic liquid. <i>Ceramics International</i> , <b>2014</b> , 40, 4607-4616	5.1	40
23	Synthesis, characterization and visible-light photocatalytic performance of Ag <sub>2</sub> CO <sub>3</sub> modified by graphene-oxide. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 592, 258-265	5.7	51
22	Preparation of sphere-like g-C <sub>3</sub> N <sub>4</sub> /BiOI photocatalysts via a reactable ionic liquid for visible-light-driven photocatalytic degradation of pollutants. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 5340	13	386
21	Synthesis, characterization and photocatalytic activity of Ag/AgCl/graphite-like C <sub>3</sub> N <sub>4</sub> under visible light irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 6809-15	1.3	9
20	A plasmonic photocatalyst of Ag/AgBr nanoparticles coupled with g-C <sub>3</sub> N <sub>4</sub> with enhanced visible-light photocatalytic ability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 436, 474-483	5.1	74
19	Synthesis and characterization of g-C <sub>3</sub> N <sub>4</sub> /MoO <sub>3</sub> photocatalyst with improved visible-light photoactivity. <i>Applied Surface Science</i> , <b>2013</b> , 283, 25-32	6.7	175
18	Synthesis and characterization of CeO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> composites with enhanced visible-light photocatalytic activity. <i>RSC Advances</i> , <b>2013</b> , 3, 22269	3.7	136
17	AgI/Ag <sub>3</sub> PO <sub>4</sub> heterojunction composites with enhanced photocatalytic activity under visible light irradiation. <i>Applied Surface Science</i> , <b>2013</b> , 287, 178-186	6.7	70
16	A novel visible-light-response plasmonic photocatalyst CNT/Ag/AgBr and its photocatalytic properties. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 5821-30	3.6	85
15	Visible-light-induced WO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> composites with enhanced photocatalytic activity. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8606-16	4.3	382

14	Novel visible-light-driven AgX/graphite-like C <sub>3</sub> N <sub>4</sub> (X=Br, I) hybrid materials with synergistic photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , <b>2013</b> , 129, 182-193	21.8	525
13	Ionic liquid oxidation synthesis of Ag@AgCl core-shell structure for photocatalytic application under visible-light irradiation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 416, 80-85	5.1	35
12	The CNT modified white C <sub>3</sub> N <sub>4</sub> composite photocatalyst with enhanced visible-light response photoactivity. <i>Dalton Transactions</i> , <b>2013</b> , 42, 7604-13	4.3	206
11	Synthesis and characterization of the efficient visible-light-induced photocatalyst AgBr and its photodegradation activity. <i>Journal of Physics and Chemistry of Solids</i> , <b>2012</b> , 73, 523-529	3.9	25
10	Controllable synthesis of hexagon-shaped $\square$ AgI nanoplates in reactable ionic liquid and their photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 410, 23-30	5.1	54
9	Synthesis, characterization and photocatalytic property of AgBr/BiPO <sub>4</sub> heterojunction photocatalyst. <i>Dalton Transactions</i> , <b>2012</b> , 41, 3387-94	4.3	186
8	Plasmonic-enhanced visible-light-driven photocatalytic activity of Ag <sub>2</sub> AgBr synthesized in reactable ionic liquid. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2012</b> , 87, 1626-1633	3.5	19
7	Enhanced photocatalytic activity of new photocatalyst Ag/AgCl/ZnO. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 3286-3292	5.7	137
6	Synthesis, characterization and photocatalytic activity of NaNbO <sub>3</sub> /ZnO heterojunction photocatalysts. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 9157-9163	5.7	38
5	Improved visible light photocatalytic activity of sphere-like BiOBr hollow and porous structures synthesized via a reactable ionic liquid. <i>Dalton Transactions</i> , <b>2011</b> , 40, 5249-58	4.3	221
4	Structural characterization and photocatalytic activity of NiO/AgNbO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 496, 633-637	5.7	45
3	Synthesis, characterization and photocatalytic activities of rare earth-loaded BiVO <sub>4</sub> catalysts. <i>Applied Surface Science</i> , <b>2009</b> , 256, 597-602	6.7	78
2	Enhanced Photocatalytic Activity of Ag <sub>3</sub> VO <sub>4</sub> Loaded with Rare-Earth Elements under Visible-Light Irradiation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2009</b> , 48, 10771-10778	3.9	77
1	Steering Hole Transfer from the Light Absorber to Oxygen Evolution Sites for Photocatalytic Overall Water Splitting. <i>Advanced Materials Interfaces</i> , <b>2011</b> , 2, 101158	4.6	0