

# Min Wang

## List of Publications by Year in descending order

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49  
papers

2,701  
citations

159525

30  
h-index

197736

49  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2314  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-doped graphitic carbon-incorporated g-C <sub>3</sub> N <sub>4</sub> for remarkably enhanced photocatalytic H <sub>2</sub> evolution under visible light. <i>Carbon</i> , 2016, 99, 111-117.	5.4	343
2	Two dimensional Co <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> Z-scheme heterojunction: Mechanism insight into enhanced peroxymonosulfate-mediated visible light photocatalytic performance. <i>Chemical Engineering Journal</i> , 2020, 398, 125569.	6.6	138
3	Characterization and photocatalytic properties of N-doped BiVO <sub>4</sub> synthesized via a sol-gel method. <i>Journal of Alloys and Compounds</i> , 2013, 548, 70-76.	2.8	133
4	Synthesis of hollow lantern-like Eu(III)-doped g-C <sub>3</sub> N <sub>4</sub> with enhanced visible light photocatalytic performance for organic degradation. <i>Journal of Hazardous Materials</i> , 2018, 349, 224-233.	6.5	120
5	Dual Z-scheme MoS <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>24</sub> O <sub>31</sub> Cl <sub>10</sub> ternary heterojunction photocatalysts for enhanced visible-light photodegradation of antibiotic. <i>Journal of Alloys and Compounds</i> , 2020, 825, 153975.	2.8	111
6	Effective visible light-active boron and europium co-doped BiVO <sub>4</sub> synthesized by sol-gel method for photodegradation of methyl orange. <i>Journal of Hazardous Materials</i> , 2013, 262, 447-455.	6.5	110
7	Enhanced visible light photocatalytic degradation of tetracycline by MoS <sub>2</sub> /Ag/g-C <sub>3</sub> N <sub>4</sub> Z-scheme composites with peroxymonosulfate. <i>Applied Surface Science</i> , 2020, 514, 146076.	3.1	106
8	Synthesis of novel Co <sub>3</sub> O <sub>4</sub> hierarchical porous nanosheets via corn stem and MOF-Co templates for efficient oxytetracycline degradation by peroxymonosulfate activation. <i>Chemical Engineering Journal</i> , 2020, 392, 123789.	6.6	97
9	CuO/g-C <sub>3</sub> N <sub>4</sub> 2D/2D heterojunction photocatalysts as efficient peroxymonosulfate activators under visible light for oxytetracycline degradation: Characterization, efficiency and mechanism. <i>Chemical Engineering Journal</i> , 2021, 416, 128118.	6.6	95
10	The enhanced peroxymonosulfate-assisted photocatalytic degradation of tetracycline under visible light by g-C <sub>3</sub> N <sub>4</sub> /Na-BiVO <sub>4</sub> heterojunction catalyst and its mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105524.	3.3	88
11	NiO/g-C <sub>3</sub> N <sub>4</sub> 2D/2D heterojunction catalyst as efficient peroxymonosulfate activators toward tetracycline degradation: Characterization, performance and mechanism. <i>Journal of Alloys and Compounds</i> , 2021, 880, 160547.	2.8	82
12	Effects of Cu dopants on the structures and photocatalytic performance of cocoon-like Cu-BiVO <sub>4</sub> prepared via ethylene glycol solvothermal method. <i>Journal of Alloys and Compounds</i> , 2017, 691, 8-14.	2.8	73
13	The effects of bismuth (III) doping and ultrathin nanosheets construction on the photocatalytic performance of graphitic carbon nitride for antibiotic degradation. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 513-525.	5.0	72
14	Novel rugby-like g-C <sub>3</sub> N <sub>4</sub> /BiVO <sub>4</sub> core/shell Z-scheme composites prepared via low-temperature hydrothermal method for enhanced photocatalytic performance. <i>Separation and Purification Technology</i> , 2020, 232, 115937.	3.9	65
15	Thiourea-assisted one-step fabrication of a novel nitrogen and sulfur co-doped biochar from nanocellulose as metal-free catalyst for efficient activation of peroxymonosulfate. <i>Journal of Hazardous Materials</i> , 2021, 416, 125796.	6.5	64
16	Fabrication of novel ternary heterojunctions of Pd/g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> MoO <sub>6</sub> hollow microspheres for enhanced visible-light photocatalytic performance toward organic pollutant degradation. <i>Separation and Purification Technology</i> , 2019, 211, 1-9.	3.9	63
17	Catalytic degradation of oxytetracycline via FeVO <sub>4</sub> nanorods activating PMS and the insights into the performance and mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105864.	3.3	60
18	Hydrothermal synthesis of Sm-doped Bi <sub>2</sub> MoO <sub>6</sub> and its high photocatalytic performance for the degradation of Rhodamine B. <i>Journal of Alloys and Compounds</i> , 2017, 728, 739-746.	2.8	58

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19	Electro-assisted heterogeneous activation of peroxymonosulfate by g-C <sub>3</sub> N <sub>4</sub> under visible light irradiation for tetracycline degradation and its mechanism. <i>Chemical Engineering Journal</i> , 2022, 436, 135278.	6.6	54
20	The construction of g-C <sub>3</sub> N <sub>4</sub> /Sm <sup>2+</sup> doped Bi <sub>2</sub> WO <sub>6</sub> 2D/2D Z-scheme heterojunction for improved visible-light excited photocatalytic efficiency. <i>Separation and Purification Technology</i> , 2019, 224, 33-43.	3.9	53
21	Eu doped g-C <sub>3</sub> N <sub>4</sub> nanosheet coated on flower-like BiVO <sub>4</sub> powders with enhanced visible light photocatalytic for tetracycline degradation. <i>Applied Surface Science</i> , 2018, 453, 11-22.	3.1	52
22	High performance B doped BiVO <sub>4</sub> photocatalyst with visible light response by citric acid complex method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 74-79.	2.0	51
23	Effective visible light-active nitrogen and samarium co-doped BiVO <sub>4</sub> for the degradation of organic pollutants. <i>Journal of Alloys and Compounds</i> , 2015, 648, 1109-1115.	2.8	45
24	Ag, B, and Eu tri-modified BiVO <sub>4</sub> photocatalysts with enhanced photocatalytic performance under visible-light irradiation. <i>Journal of Alloys and Compounds</i> , 2018, 753, 465-474.	2.8	45
25	The enhanced photocatalytic activity of Ag-OVs-(001) BiOCl by separating secondary excitons under double SPR effects. <i>Applied Surface Science</i> , 2020, 526, 146689.	3.1	44
26	The enhanced P-nitrophenol degradation with Fe/Co <sub>3</sub> O <sub>4</sub> mesoporous nanosheets via peroxymonosulfate activation and its mechanism insight. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157739.	2.8	41
27	Hydrothermal synthesis of B-doped Bi <sub>2</sub> MoO <sub>6</sub> and its high photocatalytic performance for the degradation of Rhodamine B. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 113, 86-93.	1.9	38
28	Enhanced visible-light-driven photocatalytic activity of B-doped BiVO <sub>4</sub> synthesized using a corn stem template. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 307-313.	1.9	33
29	The promoted tetracycline visible-light-driven photocatalytic degradation efficiency of g-C <sub>3</sub> N <sub>4</sub> /FeWO <sub>4</sub> Z-scheme heterojunction with peroxymonosulfate assisting and mechanism. <i>Separation and Purification Technology</i> , 2022, 296, 121440.	3.9	32
30	Novel binary of g-C <sub>3</sub> N <sub>4</sub> coupling and Eu <sup>3+</sup> doping co-modifying bidirectional dendritic BiVO <sub>4</sub> heterojunctions with enhanced visible-light photocatalytic performance. <i>Separation and Purification Technology</i> , 2018, 202, 335-344.	3.9	30
31	A facile synthesis of nano-layer structured g-C <sub>3</sub> N <sub>4</sub> with efficient organic degradation and hydrogen evolution using a MDN energetic material as the starting precursor. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4102-4113.	3.8	30
32	Eu <sub>2</sub> O <sub>3</sub> /Co <sub>3</sub> O <sub>4</sub> nanosheets for levofloxacin removal via peroxymonosulfate activation: Performance, mechanism and degradation pathway. <i>Separation and Purification Technology</i> , 2021, 274, 118666.	3.9	27
33	Peroxymonosulfate activation by cobalt particles embedded into biochar for levofloxacin degradation: Efficiency, stability, and mechanism. <i>Separation and Purification Technology</i> , 2022, 294, 121082.	3.9	26
34	The effect of pH on the photocatalytic performance of BiVO <sub>4</sub> for phenol mine sewage degradation under visible light. <i>Optik</i> , 2019, 179, 672-679.	1.4	25
35	Enhanced Mediated Electron Transfer Pathway of Peroxymonosulfate Activation Dominated with Graphitic-N for the Efficient Degradation of Various Organic Contaminants in Multiple Solutions. <i>ACS ES&amp;T Water</i> , 2022, 2, 817-829.	2.3	25
36	Effects of Ni doping contents on photocatalytic activity of B-BiVO <sub>4</sub> synthesized through sol-gel and impregnation two-step method. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 2022-2030.	1.7	19

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37	Bi <sub>3.64</sub> Mo <sub>0.36</sub> O <sub>6.55</sub> /Bi <sub>2</sub> MoO <sub>6</sub> heterostructure composite with enhanced photocatalytic activity for organic pollutants degradation. <i>Journal of Alloys and Compounds</i> , 2018, 766, 1037-1045.	2.8	19
38	The facile fabrication of g-C <sub>3</sub> N <sub>4</sub> ultrathin nanosheets with higher specific surface areas for highly sensitive detection of trace cadmium. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 140, 548-556.	2.5	19
39	Electro-enhanced sulfamethoxazole degradation efficiency via carbon embedding iron growing on nickel foam cathode activating peroxydisulfate: Mechanism and degradation pathway. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 24-39.	5.0	19
40	The honeycomb-like Eu <sup>3+</sup> , Fe <sup>3+</sup> doping bismuth molybdate photocatalyst with enhanced performance prepared by a citric acid complex process. <i>Materials Letters</i> , 2017, 192, 96-100.	1.3	17
41	0D/1D BiVO <sub>4</sub> /CdS Z-scheme nanoarchitecture for efficient photocatalytic environmental remediation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 650, 129583.	2.3	14
42	Highly sensitive detection of trace Hg <sup>2+</sup> via PdNPs/g-C <sub>3</sub> N <sub>4</sub> nanosheet-modified electrodes using DPV. <i>Microchemical Journal</i> , 2020, 152, 104356.	2.3	12
43	The research of lead ion detection based on rGO/g-C <sub>3</sub> N <sub>4</sub> modified glassy carbon electrode. <i>Microchemical Journal</i> , 2020, 157, 105076.	2.3	11
44	MoS <sub>2</sub> and g-C <sub>3</sub> N <sub>4</sub> nanosheet co-modified Bi <sub>2</sub> WO <sub>6</sub> ternary heterostructure catalysts coupling with H <sub>2</sub> O <sub>2</sub> for improved visible photocatalytic activity. <i>Materials Chemistry and Physics</i> , 2021, 272, 124982.	2.0	11
45	Construction of g-C <sub>3</sub> N <sub>4</sub> /Eu(III) doped Bi <sub>24</sub> O <sub>31</sub> Cl <sub>10</sub> heterojunction for the enhanced visible-light photocatalytic performance. <i>Materials Chemistry and Physics</i> , 2019, 237, 121829.	2.0	8
46	Solution combusting synthesis of xFe-Bi <sub>2</sub> MoO <sub>6</sub> nanoparticles with increased photocatalytic performance for organic pollutants degradation. <i>Optik</i> , 2020, 222, 165399.	1.4	8
47	Effect of calcination temperature on the structure and photocatalytic performance of BiVO <sub>4</sub> prepared via an improved solution combustion method. <i>Micro and Nano Letters</i> , 2018, 13, 1017-1020.	0.6	7
48	Stable LSPR effect and full-spectrum photocatalytic water purification by g-C <sub>3</sub> N <sub>4</sub> <sup>x</sup> /MoO <sub>3</sub> <sup>x</sup> with passivated interface oxygen vacancies. <i>Journal of Alloys and Compounds</i> , 2022, 891, 161928.	2.8	7
49	Fabrication of Co <sup>3+</sup> and B co-doping BiVO <sub>4</sub> with improved photocatalytic performance for organic degradation. <i>MATEC Web of Conferences</i> , 2018, 238, 03008.	0.1	1