

# Wei Zhao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Boosting low-temperature selective catalytic reduction of NO with NH <sub>3</sub> of V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> catalyst via B-doping. Chinese Journal of Chemical Engineering, 2022, 44, 377-383.	3.5	5
2	Strongly Coupled Nitrogen-Doped Mo <sub>2</sub> C@CoNi Alloy Hybrid Architecture toward Efficient Hydrogen Evolution Reaction. Inorganic Chemistry, 2022, 61, 4114-4120.	4.0	13
3	Ti <sup>3+</sup> doped V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> catalyst for efficient selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> . Journal of Colloid and Interface Science, 2021, 581, 76-83.	9.4	51
4	Regulating the type of cobalt porphyrins for synergistic promotion of photoelectrochemical water splitting of BiVO <sub>4</sub> . Dyes and Pigments, 2021, 192, 109468.	3.7	16
5	Synergistic optimization promoted overall water splitting of CoSe@NiSe <sub>2</sub> @MoS <sub>2</sub> heterostructured composites. Chemical Communications, 2021, 57, 12516-12519.	4.1	14
6	Reduced graphene oxide covalently functionalized with polyaniline for efficient optical nonlinearities at 532 and 1064 nm. Dyes and Pigments, 2019, 160, 344-352.	3.7	28
7	Promotion effect of S and N co-addition on the catalytic performance of V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> for NH <sub>3</sub> -SCR of NO <sub>x</sub> . Chemical Engineering Journal, 2019, 364, 401-409.	12.7	61
8	Effect of covalent linkage between hexagonal boron nitride and porphyrins on the optical nonlinearities. Journal of Alloys and Compounds, 2019, 775, 1007-1015.	5.5	19
9	Multifunctional carbon nitride nano-homojunction decorated g-C <sub>3</sub> N <sub>4</sub> nanocomposites for optoelectronic performances. Applied Surface Science, 2019, 467-468, 1140-1147.	6.1	16
10	Porphyrin decorated Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> nanocomposites with efficient difunctional properties of photocatalysis and optical nonlinearity. Journal of Alloys and Compounds, 2018, 748, 929-937.	5.5	35
11	Influence of metal-porphyrins on the photocatalysis of graphitic carbon nitride. Dyes and Pigments, 2018, 153, 241-247.	3.7	60
12	Coordination-induced broadband optical nonlinearity through axial bonding of pyridine anchored methine-bridged polypyrrole to metal-porphyrins. Dyes and Pigments, 2018, 157, 20-26.	3.7	27
13	Novel Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /polypyrrole/g-C <sub>3</sub> N <sub>4</sub> nanocomposites with efficient photocatalytic and nonlinear optical properties. RSC Advances, 2017, 7, 7658-7670.	3.6	47
14	Polyaniline decorated Bi <sub>2</sub> MoO <sub>6</sub> nanosheets with effective interfacial charge transfer as photocatalysts and optical limiters. Physical Chemistry Chemical Physics, 2017, 19, 28696-28709.	2.8	60
15	Accessible fabrication and mechanism insight of heterostructured BiOCl/Bi <sub>2</sub> MoO <sub>6</sub> /g-C <sub>3</sub> N <sub>4</sub> nanocomposites with efficient photosensitized activity. Journal of Alloys and Compounds, 2017, 726, 164-172.	5.5	33
16	Effect of acid/base on the third-order optical nonlinearity of polypyrrole. Journal of Molecular Structure, 2015, 1099, 291-296.	3.6	24
17	Defect structure and evolution mechanism of O <sub>2</sub> <sup>•-</sup> radical in F-doped V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> catalysts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 1013-1020.	4.7	16
18	Systematic effects of S-doping on the activity of V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> catalyst for low-temperature NH <sub>3</sub> -SCR. Chemical Engineering Journal, 2013, 228, 815-823.	12.7	95