Wei Zhao

List of Publications by Year
in descending order

18	620	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Systematic effects of S-doping on the activity of V2O5/TiO2 catalyst for low-temperature NH3-SCR. Chemical Engineering Journal, 2013, 228, 815-823.	12.7	95
2	Promotion effect of S and N co-addition on the catalytic performance of V2O5/TiO2 for NH3-SCR of NOX. Chemical Engineering Journal, 2019, 364, 401-409.	12.7	61
3	Polyaniline decorated Bi₂MoO₆ nanosheets with effective interfacial charge transfer as photocatalysts and optical limiters. Physical Chemistry Chemical Physics, 2017, 19, 28696-28709.	2.8	60
4	Influence of metal-porphyrins on the photocatalysis of graphitic carbon nitride. Dyes and Pigments, 2018, 153, 241-247.	3.7	60
5	Ti3+ doped V2O5/TiO2 catalyst for efficient selective catalytic reduction of NOx with NH3. Journal of Colloid and Interface Science, 2021, 581, 76-83.	9.4	51
6	Novel Bi₂O₂CO₃/polypyrrole/g-C₃N₄ nanocomposites with efficient photocatalytic and nonlinear optical properties. RSC Advances, 2017, 7, 7658-7670.	3.6	47
7	Porphyrin decorated Bi2O2CO3 nanocomposites with efficient difunctional properties of photocatalysis and optical nonlinearity. Journal of Alloys and Compounds, 2018, 748, 929-937.	5.5	35
8	Accessible fabrication and mechanism insight of heterostructured BiOCl/Bi2MoO6/g-C3N4 nanocomposites with efficient photosensitized activity. Journal of Alloys and Compounds, 2017, 726, 164-172.	5.5	33
9	Reduced graphene oxide covalently functionalized with polyaniline for efficient optical nonlinearities at 532 and 1064â€nm. Dyes and Pigments, 2019, 160, 344-352.	3.7	28
10	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
11	Effect of acid/base on the third-order optical nonlinearity of polypyrrole. Journal of Molecular Structure, 2015, 1099, 291-296.	3.6	24
12	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
13	Defect structure and evolution mechanism of O2â˜ radical in F-doped V2O5/TiO2 catalysts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 1013-1020.	4.7	16
14	Multifunctional carbon nitride nano-homojunction decorated g-C3N4 nanocomposites for optoelectronic performances. Applied Surface Science, 2019, 467-468, 1140-1147.	6.1	16
15	Regulating the type of cobalt porphyrins for synergistic promotion of photoelectrochemical water splitting of BiVO4. Dyes and Pigments, 2021, 192, 109468.	3.7	16
16	Synergistic optimization promoted overall water splitting of CoSe@NiSe₂@MoS₂ heterostructured composites. Chemical Communications, 2021, 57, 12516-12519.	4.1	14
17	Strongly Coupled Nitrogen-Doped Mo₂C@CoNi Alloy Hybrid Architecture toward Efficient Hydrogen Evolution Reaction. Inorganic Chemistry, 2022, 61, 4114-4120.	4.0	13
18	Boosting low-temperature selective catalytic reduction of NO with NH3 of V2O5/TiO2 catalyst via B-doping. Chinese Journal of Chemical Engineering, 2022, 44, 377-383.	3.5	5