

Jie Wu

List of Publications by Year in descending order

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27
papers

1,069
citations

516710

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526287

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docs citations

27
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Internal-electric-field induced high efficient type-I heterojunction in photocatalysis-self-Fenton reaction: Enhanced H ₂ O ₂ yield, utilization efficiency and degradation performance. Journal of Colloid and Interface Science, 2022, 608, 2075-2087.	9.4	37
2	Construction of Fe ₃ O ₄ @FeS ₂ @C@MoS ₂ Z-scheme heterojunction with sandwich-like structure: Enhanced catalytic performance in photo-Fenton reaction and mechanism insight. Journal of Alloys and Compounds, 2022, 901, 163437.	5.5	21
3	UiO-66-NH ₂ Octahedral Nanocrystals Decorated with ZnFe ₂ O ₄ Nanoparticles for Photocatalytic Alcohol Oxidation. ACS Applied Nano Materials, 2022, 5, 2231-2240.	5.0	17
4	Synthesis of Co-doped CeO ₂ nanoflower: Enhanced adsorption and degradation performance toward tetracycline in Fenton-like reaction. Journal of Alloys and Compounds, 2022, 904, 163879.	5.5	18
5	A simple and green method to prepare non-typical yolk/shell nanoreactor with dual-shells and multiple-cores: Enhanced catalytic activity and stability in Fenton-like reaction. Journal of Hazardous Materials, 2022, 436, 129234.	12.4	8
6	Maximally exploiting active sites on Yolk@shell nanoreactor: Nearly 100% PMS activation efficiency and outstanding performance over full pH range in Fenton-like reaction. Applied Catalysis B: Environmental, 2022, 316, 121594.	20.2	73
7	Fe, Co, N co-doped hollow carbon capsules as a full pH range catalyst for pollutant degradation via a non-radical path in Fenton-like reaction. Separation and Purification Technology, 2022, 299, 121699.	7.9	8
8	Efficient and Selective Visible-Light-Driven Oxidative Coupling of Amines to Imines in Air over CdS@Zr-MOFs. ACS Applied Materials & Interfaces, 2021, 13, 2779-2787.	8.0	66
9	Transforming type-II Fe ₂ O ₃ @polypyrrole to Z-scheme Fe ₂ O ₃ @polypyrrole/Prussian blue via Prussian blue as bridge: Enhanced activity in photo-Fenton reaction and mechanism insight. Journal of Hazardous Materials, 2021, 405, 124668.	12.4	45
10	Metal-organic frameworks loaded on phosphorus-doped tubular carbon nitride for enhanced photocatalytic hydrogen production and amine oxidation. Journal of Colloid and Interface Science, 2021, 590, 1-11.	9.4	28
11	Direct Z-scheme Fe ₂ (MoO ₄) ₃ /MoO ₃ heterojunction: Photo-Fenton reaction and mechanism comprehension. Journal of Alloys and Compounds, 2021, 873, 159830.	5.5	20
12	Construction of yolk/shell Fe ₃ O ₄ @MgSiO ₃ nanoreactor for enhanced Fenton-like reaction via spatial separation of adsorption sites and activation sites. Journal of the Taiwan Institute of Chemical Engineers, 2020, 113, 363-371.	5.3	20
13	Preparation of Fe ₃ O ₄ @Prussian blue core/shell composites for enhanced photo-Fenton degradation of rhodamine B. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 606, 125416.	4.7	14
14	Porous NiCo ₂ O ₄ Sheet Catalysts for the Microwave-Assisted Fenton Reaction. ACS Applied Nano Materials, 2020, 3, 7152-7160.	5.0	15
15	Construction of phosphorus-doped carbon nitride/phosphorus and sulfur co-doped carbon nitride isotype heterojunction and their enhanced photoactivity. Journal of Colloid and Interface Science, 2020, 566, 495-504.	9.4	33
16	One-step preparation of reduced graphene oxide/Prussian blue/polypyrrole aerogel and their enhanced photo-Fenton performance. Journal of the Taiwan Institute of Chemical Engineers, 2019, 102, 92-98.	5.3	17
17	One-step preparation of reduced graphene oxide aerogel loaded with mesoporous copper ferrite nanocubes: A highly efficient catalyst in microwave-assisted Fenton reaction. Journal of Hazardous Materials, 2019, 378, 120712.	12.4	45
18	Highly efficient microwave-assisted Fenton degradation of metacycline using pine-needle-like CuCo ₂ O ₄ nanocatalyst. Chemical Engineering Journal, 2019, 373, 1158-1167.	12.7	85

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19	Preparation of reduced graphene oxide nanosheet/Fe _x O _y /nitrogen-doped carbon layer aerogel as photo-Fenton catalyst with enhanced degradation activity and reusability. <i>Journal of Hazardous Materials</i> , 2019, 362, 62-71.	12.4	57
20	One-step preparation of Fe ₂ O ₃ /reduced graphene oxide aerogel as heterogeneous Fenton-like catalyst for enhanced photo-degradation of organic dyes. <i>ChemistrySelect</i> , 2018, 3, 9062-9070.	1.5	12
21	One-pot preparation of ternary reduced graphene oxide nanosheets/Fe ₂ O ₃ /polypyrrole hydrogels as efficient Fenton catalysts. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 130-138.	9.4	44
22	One-step preparation of magnetic recyclable quinary graphene hydrogels with high catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 72-79.	9.4	15
23	Preparation of reduced graphene oxide nanosheet/glutathione-Pd hydrogel with enhanced catalytic activity. <i>Inorganic Chemistry Communication</i> , 2017, 86, 26-30.	3.9	4
24	Magnetically recyclable reduced graphene oxide nanosheets/magnetite-palladium aerogel with superior catalytic activity and reusability. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 154-161.	9.4	13
25	A Simple Method for the Preparation of TiO ₂ /Ag@AgCl@Polypyrrole Composite and Its Enhanced Visible-Light Photocatalytic Activity. <i>Chemistry - an Asian Journal</i> , 2016, 11, 141-147.	3.3	28
26	One Step Preparation of Reduced Graphene Oxide/Pd@Fe ₃ O ₄ @Polypyrrole Composites and Their Application in Catalysis. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1940-1947.	3.3	22
27	Electrocatalytic destruction of the antibiotic tetracycline in aqueous medium by electrochemical advanced oxidation processes: Effect of electrode materials. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 92-97.	20.2	304