Libin Zeng

List of Publications by Year
in descending order

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26	843	535685 17	620720 26
papers	citations	h-index	g-index

26	26	26	1234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomass-derived amorphous carbon with localized active graphite defects for effective electrocatalytic N2 reduction. Applied Surface Science, 2022, 575, 151630.	3.1	10
2	Progress in Mo/W-based electrocatalysts for nitrogen reduction to ammonia under ambient conditions. Chemical Communications, 2022, 58, 2096-2111.	2.2	7
3	Self-assembled perylene diimide modified NH2-UiO-66 (Zr) construct n-n heterojunction catalysts for enhanced Cr (VI) photocatalytic reduction. Separation and Purification Technology, 2022, 296, 121423.	3.9	11
4	Tailoring trimetallic CoNiFe oxide nanostructured catalysts for the efficient electrochemical conversion of methane to methanol. Journal of Materials Chemistry A, 2022, 10, 15012-15025.	5.2	4
5	Construction of efficient g-C3N4/NH2-UiO-66 (Zr) heterojunction photocatalysts for wastewater purification. Separation and Purification Technology, 2021, 274, 118973.	3.9	48
6	Solar-driven bio-electro-chemical system for synergistic hydrogen evolution and pollutant elimination simultaneously over defect-rich CoNâ€“MoS2/biomass nanosheets. Journal of Power Sources, 2020, 478, 228755.	4.0	9
7	Novel Two-Dimensional AgInS₂/SnS₂/RGO Dual Heterojunctions: High Spatial Charge and Toxicity Evaluation. Langmuir, 2020, 36, 9709-9718.	1.6	11
8	Unique hollow Niâ€“Fe@MoS₂nanocubes with boosted electrocatalytic activity for N₂reduction to NH₃. Journal of Materials Chemistry A, 2020, 8, 7339-7349.	5.2	60
9	Bimetallic Fe/In metal-organic frameworks boosting charge transfer for enhancing pollutant degradation in wastewater. Applied Surface Science, 2020, 528, 147053.	3.1	33
10	Highly boosted gas diffusion for enhanced electrocatalytic reduction of N₂to NH₃on 3D hollow Coâ€“MoS₂nanostructures. Nanoscale, 2020, 12, 6029-6036.	2.8	30
11	Multiple regulations of Mn-based oxides in boosting peroxymonosulfate activation for norfloxacin removal. Applied Catalysis A: General, 2019, 584, 117170.	2.2	24
12	Visible-light-driven sonophotocatalysis and peroxymonosulfate activation over 3D urchin-like MoS2/C nanoparticles for accelerating levofloxacin elimination: Optimization and kinetic study. Chemical Engineering Journal, 2019, 378, 122039.	6.6	75
13	Functionalized nitrogen-doped carbon dot-modified yolkâ€“shell ZnFe₂O₄ nanospheres with highly efficient light harvesting and superior catalytic activity. Nanoscale, 2019, 11, 3877-3887.	2.8	37
14	Sulfur vacancy-rich N-doped MoS₂ nanoflowers for highly boosting electrocatalytic N₂ fixation to NH₃ under ambient conditions. Chemical Communications, 2019, 55, 7386-7389.	2.2	111
15	Seaweed-Derived Nitrogen-Rich Porous Biomass Carbon as Bifunctional Materials for Effective Electrocatalytic Oxygen Reduction and High-Performance Gaseous Toluene Absorbent. ACS Sustainable Chemistry and Engineering, 2019, 7, 5057-5064.	3.2	43
16	The bioelectrochemical synthesis of high-quality carbon dots with strengthened electricity output and excellent catalytic performance. Nanoscale, 2019, 11, 4428-4437.	2.8	19
17	Boosting interfacial charge transfer and electricity generation for levofloxacin elimination in a self-driven bio-driven photoelectrocatalytic system. Nanoscale, 2019, 11, 22042-22053.	2.8	15
18	Photo-driven bioelectrochemical photocathode with polydopamine-coated TiO2 nanotubes for self-sustaining MoS2 synthesis to facilitate hydrogen evolution. Journal of Power Sources, 2019, 413, 310-317.	4.0	49

#	Article	IF	Citations
19	Enhancing interfacial charge transfer on novel 3D/1D multidimensional MoS2/TiO2 heterojunction toward efficient photoelectrocatalytic removal of levofloxacin. Electrochimica Acta, 2019, 295, 810-821.	2.6	38
20	Enhanced photoeletrocatalytic reduction dechlorinations of PCP by Ru-Pd BQDs anchored Titania NAEs composites with double Schottky junctions: First-principles evidence and experimental verifications. Applied Catalysis B: Environmental, 2018, 227, 499-511.	10.8	25
21	Hollow porous zinc cobaltate nanocubes photocatalyst derived from bimetallic zeolitic imidazolate frameworks towards enhanced gaseous toluene degradation. Journal of Colloid and Interface Science, 2018, 516, 76-85.	5.0	28
22	Relationships Between Crystal, Internal Microstructures, and Physicochemical Properties of Copperâ€“Zincâ€“Iron Multinary Spinel Hierarchical Nano-microspheres. ACS Applied Materials & Interfaces, 2018, 10, 35919-35931.	4.0	18
23	Highly oriented SnS2/RGO/Ag heterostructures for boosting photoeletrochemical and photocatalytic performances via schottky and RGO-n dual-heterojunctions interfacial effects. Applied Catalysis A: General, 2018, 563, 118-126.	2.2	13
24	Insight into MoS2 Synthesis with Biophotoelectrochemical Engineering and Applications in Levofloxacin Elimination. ACS Applied Energy Materials, 2018, 1, 3752-3762.	2.5	16
25	Rational design and synthesis of highly oriented copperâ€“zinc ferrite QDs/titania NAE nano-heterojunction composites with novel photoelectrochemical and photoelectrocatalytic behaviors. Dalton Transactions, 2018, 47, 12769-12782.	1.6	18
26	FePO4 based single chamber air-cathode microbial fuel cell for online monitoring levofloxacin. Biosensors and Bioelectronics, 2017, 91, 367-373.	5.3	91