Penghui Ding

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11040976/publications.pdf

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16	631	759233 12	996975 15
papers	citations	h-index	g-index

16	16	16	657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrathin g-C3N4 with enriched surface carbon vacancies enables highly efficient photocatalytic nitrogen fixation. Journal of Colloid and Interface Science, 2019, 553, 530-539.	9.4	112
2	Mo-O-Bi Bonds as interfacial electron transport bridges to fuel CO2 photoreduction via in-situ reconstruction of black Bi2MoO6/BiO2-x heterojunction. Chemical Engineering Journal, 2022, 429, 132204.	12.7	83
3	A Specifically Exposed Cobalt Oxide/Carbon Nitride 2D Heterostructure for Carbon Dioxide Photoreduction. Industrial & Engineering Chemistry Research, 2018, 57, 17394-17400.	3.7	76
4	S, N Codoped Graphene Quantum Dots Embedded in (BiO)₂CO₃: Incorporating Enzymatic-like Catalysis in Photocatalysis. ACS Sustainable Chemistry and Engineering, 2018, 6, 10229-10240.	6.7	55
5	Accelerated Photoreduction of CO₂ to CO over a Stable Heterostructure with a Seamless Interface. ACS Applied Materials & Interfaces, 2021, 13, 39523-39532.	8.0	47
6	Partially etched Bi2O2CO3 by metal chloride for enhanced reactive oxygen species generation: A tale of two strategies. Applied Catalysis B: Environmental, 2019, 245, 325-333.	20.2	45
7	In-situ synthesis strategy for CoM (MÂ= Fe, Ni, Cu) bimetallic nanoparticles decorated N-doped 1D carbon nanotubes/3D porous carbon for electrocatalytic oxygen evolution reaction. Journal of Alloys and Compounds, 2020, 815, 152470.	5.5	43
8	One-step oxygen vacancy engineering of WO3-x/2D g-C3N4 heterostructure: Triple effects for sustaining photoactivity. Journal of Alloys and Compounds, 2019, 795, 426-435.	5.5	42
9	Reactable ionic liquid in situ-induced synthesis of Fe3O4 nanoparticles modified N-doped hollow porous carbon microtubes for boosting multifunctional electrocatalytic activity. Journal of Alloys and Compounds, 2019, 797, 849-858.	5.5	34
10	Paper-derived cobalt and nitrogen co-doped carbon nanotube@porous carbon as a nonprecious metal electrocatalyst for the oxygen reduction reaction. Chinese Journal of Catalysis, 2018, 39, 790-799.	14.0	27
11	Edgeâ€Siteâ€Rich Ordered Macroporous BiOCl Triggers Cï£¾O Activation for Efficient CO₂ Photoreduction. Small, 2022, 18, e2105228.	10.0	27
12	Partial Oxidation of Sn2+ Induced Oxygen Vacancy Overspread on the Surface of SnO2â^'x/g-C3N4 Composites for Enhanced LED-Light-Driven Photoactivity. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 765-775.	3.7	13
13	Nanostructure and functional group engineering of black phosphorus via plasma treatment for CO2 photoreduction. Journal of CO2 Utilization, 2021, 54, 101745.	6.8	13
14	In situ preparation of Bi2O3/(BiO)2CO3 composite photocatalyst with enhanced visible-light photocatalytic activity. Research on Chemical Intermediates, 2021, 47, 1601-1613.	2.7	7
15	Controllable synthesis of FeWO4/BiOBr in reactive ionic liquid with effective charge separation towards photocatalytic pollutant removal. Research on Chemical Intermediates, 2019, 45, 437-451.	2.7	5
16	Manufacturing Poly(3,4â€Ethylenedioxythiophene) Electrocatalytic Sheets for Largeâ€Scale H 2 O 2 Production. Advanced Sustainable Systems, 0, , 2100316.	5.3	2