

Penghui Ding

List of Publications by Year in descending order

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16
papers

631
citations

759190

12
h-index

996954

15
g-index

16
all docs

16
docs citations

16
times ranked

657
citing authors

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