

Yan Xiaoqing

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

279
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen-Controlled Hydrogen Evolution Reaction: Molecular Oxygen Promotes Hydrogen Production from Formaldehyde Solution Using Ag/MgO Nanocatalyst. ACS Catalysis, 2017, 7, 1478-1484.	11.2	74
2	Directional oxygen activation by oxygen-vacancy-rich WO ₂ nanorods for superb hydrogen evolution <i>via</i> formaldehyde reforming. Journal of Materials Chemistry A, 2019, 7, 14592-14601.	10.3	55
3	Interface engineering of palladium and zinc oxide nanorods with strong metal-support interactions for enhanced hydrogen production from base-free formaldehyde solution. Journal of Materials Chemistry A, 2019, 7, 8855-8864.	10.3	38
4	Ultrasmall Silver Clusters Stabilized on MgO for Robust Oxygen-Promoted Hydrogen Production from Formaldehyde Reforming. ACS Applied Materials & Interfaces, 2019, 11, 33946-33954.	8.0	26
5	<i>In situ</i> generated electron-deficient metallic copper as the catalytically active site for enhanced hydrogen production from alkaline formaldehyde solution. Catalysis Science and Technology, 2019, 9, 5292-5300.	4.1	21
6	Oxygen-mediated water splitting on metal-free heterogeneous photocatalyst under visible light. Applied Catalysis B: Environmental, 2020, 279, 119378.	20.2	14
7	The interplay of Ag and ferromagnetic MgFe ₂ O ₄ for optimized oxygen-promoted hydrogen evolution <i>via</i> formaldehyde reforming. Catalysis Science and Technology, 2021, 11, 6462-6469.	4.1	13
8	Single component gold on protonated titanate nanotubes for surface-charge-mediated, additive-free dehydrogenation of formic acid into hydrogen. RSC Advances, 2016, 6, 100103-100107.	3.6	12
9	Antraquinone-Catalyzed TEMPO Reduction to Realize Two-Electron Energy Storage of Poly(TEMPO-methacrylate). ACS Energy Letters, 2022, 7, 1481-1489.	17.4	8
10	A strong Jahn-Teller distortion in Mn ₃ O ₄ MnO heterointerfaces for enhanced silver catalyzed formaldehyde reforming into hydrogen. Sustainable Energy and Fuels, 2022, 6, 3068-3077.	4.9	7
11	Tandem catalysis induced by hollow PdO: highly efficient H ₂ generation coupled with organic dye degradation <i>via</i> sodium formate reforming. Catalysis Science and Technology, 2018, 8, 6217-6227.	4.1	5
12	The interparticle coupling effect of gold nanoparticles in confined ordered mesopores enhances high temperature catalytic oxidation. RSC Advances, 2016, 6, 88486-88489.	3.6	3
13	Biomimetic polydopamine catalyst with redox activity for oxygen-promoted H ₂ production <i>via</i> aqueous formaldehyde reforming. Sustainable Energy and Fuels, 2021, 5, 4575-4579.	4.9	2
14	Rationally tuning the active sites of copper-based catalysts towards formaldehyde reforming into hydrogen. Sustainable Energy and Fuels, 2021, 5, 6470-6477.	4.9	1