

Xiaolong Yao

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

151
citations

1478505

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1588992

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docs citations

8
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Design rules of pseudocapacitive electrode materials: ion adsorption, diffusion, and electron transmission over prototype TiO ₂ . <i>Science China Materials</i> , 2022, 65, 391-399.	6.3	6
2	Manganese(II) phosphate nanosheet assembly with native out-of-plane Mn centres for electrocatalytic water oxidation. <i>Chemical Science</i> , 2019, 10, 191-197.	7.4	44
3	Rational design of Si/TiO ₂ heterojunction photocatalysts: Transfer matrix method. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 70-76.	20.2	23
4	Influence of B-site transition metal on NO oxidation over LaBO ₃ (B=Mn, Fe and Co) perovskite catalysts. <i>AIP Advances</i> , 2018, 8, .	1.3	14
5	SnS ₂ Nanoplates with Specific Facets Exposed for Enhanced Visible-Light-Driven Photocatalysis. <i>ChemPhotoChem</i> , 2017, 1, 60-69.	3.0	22
6	Origin of OER catalytic activity difference of oxygen-deficient perovskites A ₂ Mn ₂ O ₅ (A = Ca, Sr): A theoretical study. <i>Journal of Chemical Physics</i> , 2017, 146, 224703.	3.0	12
7	Electronic properties and native point defects of high efficient NO oxidation catalysts SmMn ₂ O ₅ . <i>Applied Physics Letters</i> , 2016, 109, .	3.3	27
8	Dimerization of boron dopant in diamond (100) epitaxy induced by strong pair correlation on the surface. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 045011.	1.8	3