

Wen-Jin Yin

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

363
citations

1040056
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all docs

12
docs citations

12
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically dispersed Sn modified with trace sulfur species derived from organosulfide complex for electroreduction of CO ₂ . Applied Catalysis B: Environmental, 2022, 304, 120936.	20.2	29
2	Non-metal atom modified SnS ₂ sheet for CO ₂ photoreduction with significant activity and selectivity improvements: A first-principles study. Applied Surface Science, 2022, 584, 152618.	6.1	8
3	The unique carrier mobility of Janus MoSSe/GaN heterostructures. Frontiers of Physics, 2021, 16, 1.	5.0	18
4	The unique carrier mobility of monolayer Janus MoSSe nanoribbons: a first-principles study. Dalton Transactions, 2021, 50, 10252-10260.	3.3	8
5	The Combined Role of Faceting and Heteroatom Doping for Hydrogen Evolution on a WC Electrocatalyst in Aqueous Solution: A Density Functional Theory Study. Journal of Physical Chemistry C, 2021, 125, 4602-4613.	3.1	13
6	Modulation of the Electronic Structure of IrSe ₂ by Filling the Bi Atom as a Bifunctional Electrocatalyst for pH Universal Water Splitting. Advanced Energy and Sustainability Research, 2021, 2, 2000074.	5.8	10
7	Recent advances in low-dimensional Janus materials: theoretical and simulation perspectives. Materials Advances, 2021, 2, 7543-7558.	5.4	38
8	Conversion of CO ₂ to chemical feedstocks over bismuth nanosheets <i>in situ</i> grown on nitrogen-doped carbon. Journal of Materials Chemistry A, 2020, 8, 19938-19945.	10.3	18
9	Activity and selectivity of CO ₂ photoreduction on catalytic materials. Dalton Transactions, 2020, 49, 12918-12928.	3.3	13
10	Tunable dipole and carrier mobility for a few layer Janus MoSSe structure. Journal of Materials Chemistry C, 2018, 6, 1693-1700.	5.5	164
11	Defects, Adsorbates, and Photoactivity of Rutile TiO ₂ (110): Insight by First-Principles Calculations. Journal of Physical Chemistry Letters, 2018, 9, 5281-5287.	4.6	33
12	The role of permanent and induced electrostatic dipole moments for Schottky barriers in Janus MXY/graphene heterostructures: a first-principles study. Dalton Transactions, 0, , .	3.3	11