

Ling-Ju Guo

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

207
citations

1040056

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10
docs citations

10
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Interlayer angle-dependent electronic structure and optoelectronic properties of BP-MoS ₂ heterostructure: A first principle study. Computational Materials Science, 2021, 186, 110056.	3.0	10
2	Water-Gas Shift Reaction on Titania-Supported Single-Metal-Atom Catalysts: The Role of Cation (Ti) and Oxygen Vacancy. Journal of Physical Chemistry C, 2021, 125, 8620-8629.	3.1	12
3	The role of supported dual-atom on graphitic carbon nitride for selective and efficient CO ₂ electrochemical reduction. Nanotechnology, 2021, 32, 385404.	2.6	14
4	Hybrid Density Functional Theory Study on Structural and Optoelectronic Properties of ZnSe _x Te _{1-x} for the Photocatalytic Applications. Journal of Physical Chemistry C, 2021, 125, 16235-16245.	3.1	13
5	Crystal Facet-Dependent CO ₂ Photoreduction over Porous ZnO Nanocatalysts. ACS Applied Materials & Interfaces, 2020, 12, 56039-56048.	8.0	52
6	First-principles calculations of wurtzite ZnS _{1-x} Se _x solid solutions for photocatalysis. Materials Today Communications, 2019, 21, 100672.	1.9	10
7	Computational study on interactions between CO ₂ and (TiO ₂) _n clusters at specific sites. Chinese Journal of Chemical Physics, 2019, 32, 674-686.	1.3	29
8	A computational study on linear and bent adsorption of CO ₂ on different surfaces for its photoreduction. Catalysis Today, 2019, 335, 278-285.	4.4	13
9	Influence of defects in porous ZnO nanoplates on CO ₂ photoreduction. Catalysis Today, 2019, 335, 300-305.	4.4	38
10	Design of a sector bowtie nano-rectenna for optical power and infrared detection. Frontiers of Physics, 2015, 10, 1.	5.0	16