Ling-Ju Guo

List of Publications by Year
in descending order

10 papers	207 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	198 citing authors

#	Article	IF	Citations
1	Crystal Facet-Dependent CO₂ Photoreduction over Porous ZnO Nanocatalysts. ACS Applied Materials & Interfaces, 2020, 12, 56039-56048.	8.0	52
2	Influence of defects in porous ZnO nanoplates on CO2 photoreduction. Catalysis Today, 2019, 335, 300-305.	4.4	38
3	Computational study on interactions between CO2 and (TiO2)n clusters at specific sites. Chinese Journal of Chemical Physics, 2019, 32, 674-686.	1.3	29
4	Design of a sector bowtie nano-rectenna for optical power and infrared detection. Frontiers of Physics, 2015, 10, 1.	5.0	16
5	The role of supported dual-atom on graphitic carbon nitride for selective and efficient CO₂ electrochemical reduction. Nanotechnology, 2021, 32, 385404.	2.6	14
6	A computational study on linear and bent adsorption of CO2 on different surfaces for its photoreduction. Catalysis Today, 2019, 335, 278-285.	4.4	13
7	Hybrid Density Functional Theory Study on Structural and Optoelectronic Properties of ZnSe_{1â€“x}Te_x for the Photocatalytic Applications. Journal of Physical Chemistry C, 2021, 125, 16235-16245.	3.1	13
8	Waterâ€“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
9	First-principles calculations of wurtzite ZnS1-xSex solid solutions for photocatalysis. Materials Today Communications, 2019, 21, 100672.	1.9	10
10	Interlayer angle-dependent electronic structure and optoelectronic properties of BP-MoS2 heterostructure: A first principle study. Computational Materials Science, 2021, 186, 110056.	3.0	10