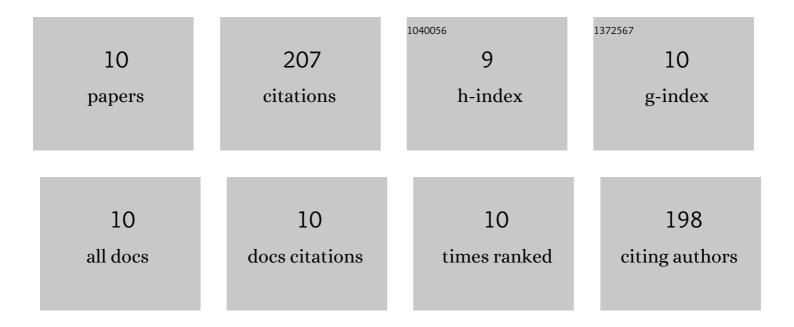
## Ling-Ju Guo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1218184/publications.pdf Version: 2024-02-01



| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Crystal Facet-Dependent CO <sub>2</sub> Photoreduction over Porous ZnO Nanocatalysts. ACS<br>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) <i>n</i> clusters at specific sites.<br>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 CO <sub>2</sub> 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<br>ZnSe <sub>1–<i>x</i></sub> Te <sub><i>x</i></sub> for the Photocatalytic Applications. Journal of<br>Physical Chemistry C, 2021, 125, 16235-16245. | 3.1 | 13        |
| 8  | Water–Gas Shift Reaction on Titania-Supported Single-Metal-Atom Catalysts: The Role of Cation (Ti)<br>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<br>Today Communications, 2019, 21, 100672.  | 1.9 | 10        |
| 10 | Interlayer angle-dependent electronic structure and optoelectronic properties of BP-MoS2<br>heterostructure: A first principle study. Computational Materials Science, 2021, 186, 110056.   | 3.0 | 10        |