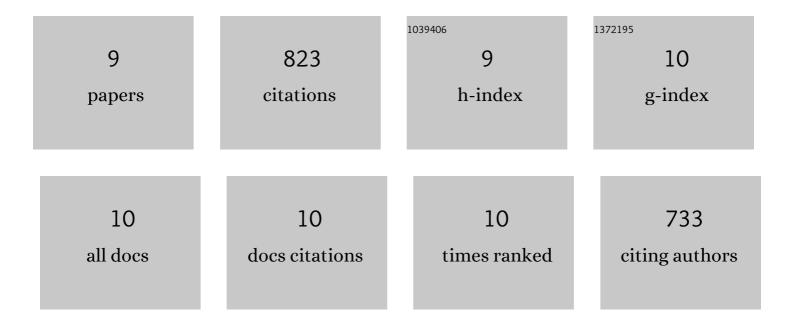
## Sixiao Liu

List of Publications by Year in descending order

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| # | Article   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Atomically dispersed antimony on carbon nitride for the artificial photosynthesis of hydrogen peroxide. Nature Catalysis, 2021, 4, 374-384.   | 16.1 | 474       |
| 2 | Bandgap engineering of polymetric carbon nitride copolymerized by 2,5,8-triamino-tri-s-triazine<br>(melem) and barbituric acid for efficient nonsacrificial photocatalytic H2O2 production. Applied<br>Catalysis B: Environmental, 2020, 271, 118917. | 10.8 | 72        |
| 3 | Defect as the essential factor in engineering carbon-nitride-based visible-light-driven Z-scheme<br>photocatalyst. Applied Catalysis B: Environmental, 2020, 260, 118145.   | 10.8 | 62        |
| 4 | Synthesis and photocatalytic performance of yttrium-doped CeO2 with a hollow sphere structure.<br>Catalysis Today, 2017, 281, 135-143.  | 2.2  | 52        |
| 5 | Highly efficient Ag2O/Na-g-C3N4 heterojunction for photocatalytic desulfurization of thiophene in fuel under ambient air conditions. Applied Catalysis B: Environmental, 2022, 316, 121614.   | 10.8 | 46        |
| 6 | Development of the Visibleâ€Light Response of CeO <sub>2â^'<i>x</i></sub> with a high Ce <sup>3+</sup><br>Content and Its Photocatalytic Properties. ChemCatChem, 2018, 10, 1267-1271.  | 1.8  | 37        |
| 7 | A new precursor to synthesize g-C <sub>3</sub> N <sub>4</sub> with superior visible light absorption for photocatalytic application. Catalysis Science and Technology, 2017, 7, 1826-1830.  | 2.1  | 35        |
| 8 | Fabrication and characterization of black TiO2 with different Ti3+ concentrations under atmospheric conditions. Journal of Catalysis, 2018, 366, 282-288.   | 3.1  | 31        |
| 9 | Effects of the Atmosphere in a Hydrothermal Process on the Morphology and Photocatalytic Activity of Cerium Oxide. ChemCatChem, 2018, 10, 4269-4273.  | 1.8  | 9         |