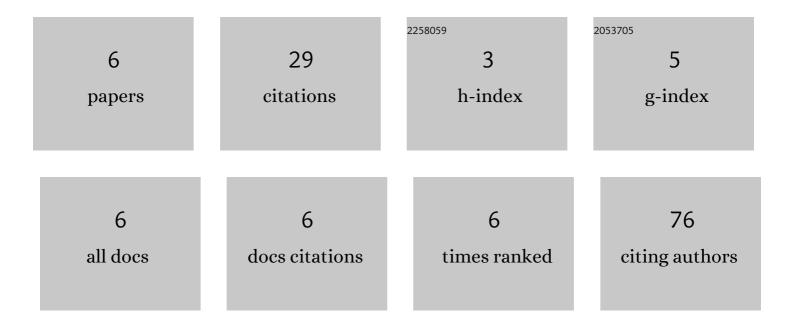
Xiaoyi Wang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Stepwise irradiative engineering based on Einstein quantum theory for promoting PVA/TiO2 photocatalytic activity at minimized irradiance consumption. Applied Surface Science, 2022, 601, 154145. | 6.1 | ο |
| 2 | Facile synthesis of Ag/Zn1-xCuxO nanoparticle compound photocatalyst for high-efficiency photocatalytic degradation: Insights into the synergies and antagonisms between Cu and Ag. Ceramics International, 2021, 47, 48-56. | 4.8 | 10 |
| 3 | Directional charge transportation and Rayleigh scattering for the optimal in-band quantum yield of a composite semiconductor nano-photocatalyst. Catalysis Science and Technology, 2021, 11, 3855-3864. | 4.1 | 1 |
| 4 | Exploration of irradiation intensity dependent external in-band quantum yield for ZnO and CuO/ZnO photocatalysts. Physical Chemistry Chemical Physics, 2021, 23, 10768-10779. | 2.8 | 4 |
| 5 | A bi-layer buffer system AlN/Al _{1â^'x} In _x N to enable the growth of high crystal quality Al _{0.36} In _{0.64} N thin films on Si (111). CrystEngComm, 2019, 21, 5211-5215. | 2.6 | 1 |
| 6 | Study of phase separation in an InGaN alloy by electron energy loss spectroscopy in an aberration corrected monochromated scanning transmission electron microscope. Journal of Materials Research, 2017, 32, 983-995. | 2.6 | 13 |