

# Xiaoyi Wang

## List of Publications by Year in descending order

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6  
papers

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citations

2258059

3  
h-index

2053705

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docs citations

6  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of phase separation in an InGaN alloy by electron energy loss spectroscopy in an aberration corrected monochromated scanning transmission electron microscope. <i>Journal of Materials Research</i> , 2017, 32, 983-995.	2.6	13
2	Facile synthesis of Ag/Zn <sub>1-x</sub> Cu <sub>x</sub> O nanoparticle compound photocatalyst for high-efficiency photocatalytic degradation: Insights into the synergies and antagonisms between Cu and Ag. <i>Ceramics International</i> , 2021, 47, 48-56.	4.8	10
3	Exploration of irradiation intensity dependent external in-band quantum yield for ZnO and CuO/ZnO photocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 10768-10779.	2.8	4
4	A bi-layer buffer system AlN/Al <sub>1-x</sub> In <sub>x</sub> N to enable the growth of high crystal quality Al <sub>0.36</sub> In <sub>0.64</sub> N thin films on Si (111). <i>CrystEngComm</i> , 2019, 21, 5211-5215.	2.6	1
5	Directional charge transportation and Rayleigh scattering for the optimal in-band quantum yield of a composite semiconductor nano-photocatalyst. <i>Catalysis Science and Technology</i> , 2021, 11, 3855-3864.	4.1	1
6	Stepwise irradiative engineering based on Einstein quantum theory for promoting PVA/TiO <sub>2</sub> photocatalytic activity at minimized irradiance consumption. <i>Applied Surface Science</i> , 2022, 601, 154145.	6.1	0