

Xiaoyi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

29
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2258059

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2053705

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docs citations

6
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Stepwise irradiative engineering based on Einstein quantum theory for promoting PVA/TiO ₂ photocatalytic activity at minimized irradiance consumption. <i>Applied Surface Science</i> , 2022, 601, 154145.	6.1	0
2	Facile synthesis of Ag/Zn _{1-x} Cu _x 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	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
4	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
5	A bi-layer buffer system AlN/Al _{1-x} In _x N to enable the growth of high crystal quality Al _{0.36} In _{0.64} N thin films on Si (111). <i>CrystEngComm</i> , 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. <i>Journal of Materials Research</i> , 2017, 32, 983-995.	2.6	13