

Xixia Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

266
citations

1163117

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1372567

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10
all docs

10
docs citations

10
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Unravelling the effect of sulfur vacancies on the electronic structure of the MoS ₂ crystal. Physical Chemistry Chemical Physics, 2020, 22, 21776-21783.	2.8	34
2	Transition Metal Dichalcogenides for the Application of Pollution Reduction: A Review. Nanomaterials, 2020, 10, 1012.	4.1	73
3	Controllable seeded flux growth and optoelectronic properties of bulk o-SiP crystals. CrystEngComm, 2017, 19, 6986-6991.	2.6	35
4	Optimized Growth of Large-Sized LiInSe ₂ Crystals and the Electricâ€Elastic Properties. Crystal Growth and Design, 2017, 17, 5875-5880.	3.0	13
5	Flux growth and characterization of an FeSi ₄ P ₄ single crystal. RSC Advances, 2017, 7, 47938-47944.	3.6	2
6	Flux method growth of bulk MoS ₂ single crystals and their application as a saturable absorber. CrystEngComm, 2015, 17, 4026-4032.	2.6	35
7	Bulk crystal growth and characterization of semi-organic nonlinear optical crystal tri-diethylammonium hexachlorobismuthate (TDCB). CrystEngComm, 2015, 17, 2569-2574.	2.6	29
8	Modified Bridgman growth and properties of mid-infrared LiInSe ₂ crystal. Journal of Crystal Growth, 2014, 401, 150-155.	1.5	19
9	Crystal Growth and Effects of Annealing on Optical and Electrical Properties of Mid-Infrared Single Crystal LiInS ₂ . Crystal Growth and Design, 2014, 14, 5957-5961.	3.0	19
10	Modified Bridgman growth and characterization of a novel mid-infrared transparent optical crystal: LiGa ₃ Te ₅ . RSC Advances, 2014, 4, 27830-27836.	3.6	7