

Xixia Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

266
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

488
citing authors

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