

# Xixia Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7475940/publications.pdf>

Version: 2024-02-01

10  
papers

266  
citations

1162367

8  
h-index

1372195

10  
g-index

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 <sub>2</sub> crystal. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21776-21783.	1.3	34
2	Transition Metal Dichalcogenides for the Application of Pollution Reduction: A Review. <i>Nanomaterials</i> , 2020, 10, 1012.	1.9	73
3	Controllable seeded flux growth and optoelectronic properties of bulk o-SiP crystals. <i>CrystEngComm</i> , 2017, 19, 6986-6991.	1.3	35
4	Optimized Growth of Large-Sized LiInSe <sub>2</sub> Crystals and the Electricâ€Elastic Properties. <i>Crystal Growth and Design</i> , 2017, 17, 5875-5880.	1.4	13
5	Flux growth and characterization of an FeSi <sub>4</sub> P <sub>4</sub> single crystal. <i>RSC Advances</i> , 2017, 7, 47938-47944.	1.7	2
6	Flux method growth of bulk MoS <sub>2</sub> single crystals and their application as a saturable absorber. <i>CrystEngComm</i> , 2015, 17, 4026-4032.	1.3	35
7	Bulk crystal growth and characterization of semi-organic nonlinear optical crystal tri-diethylammonium hexachlorobismuthate (TDCB). <i>CrystEngComm</i> , 2015, 17, 2569-2574.	1.3	29
8	Modified Bridgman growth and properties of mid-infrared LiInSe <sub>2</sub> crystal. <i>Journal of Crystal Growth</i> , 2014, 401, 150-155.	0.7	19
9	Crystal Growth and Effects of Annealing on Optical and Electrical Properties of Mid-Infrared Single Crystal LiInS <sub>2</sub> . <i>Crystal Growth and Design</i> , 2014, 14, 5957-5961.	1.4	19
10	Modified Bridgman growth and characterization of a novel mid-infrared transparent optical crystal: LiGa <sub>3</sub> Te <sub>5</sub> . <i>RSC Advances</i> , 2014, 4, 27830-27836.	1.7	7