

Lukas RogÅ©e

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

447
citations

1163117

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1281871

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515
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly sensitive solar-blind deep ultraviolet photodetector based on graphene/PtSe ₂ /Ga ₂ O ₃ 2D/3D Schottky junction with ultrafast speed. Nano Research, 2021, 14, 1973-1979.	10.4	152
2	Ferroelectricity in untwisted heterobilayers of transition metal dichalcogenides. Science, 2022, 376, 973-978.	12.6	105
3	Functionalization of graphene quantum dots by fluorine: Preparation, properties, application, and their mechanisms. Applied Physics Letters, 2017, 110, .	3.3	43
4	In situ observation of the thermal stability of black phosphorus. 2D Materials, 2017, 4, 025001.	4.4	42
5	Unlocking surface octahedral tilt in two-dimensional Ruddlesden-Popper perovskites. Nature Communications, 2022, 13, 138.	12.8	42
6	Impurity-Induced Robust Trionic Effect in Layered Violet Phosphorus. Advanced Optical Materials, 2022, 10, 2101538.	7.3	22
7	Facile synthesis of AgBiS ₂ nanocrystals for high responsivity infrared detectors. RSC Advances, 2018, 8, 39203-39207.	3.6	16
8	Photoresponse of wafer-scale palladium diselenide films prepared by selenization method. Journal Physics D: Applied Physics, 2020, 53, 065102.	2.8	10
9	Tellurium quantum dots: Preparation and optical properties. Applied Physics Letters, 2017, 111, .	3.3	7
10	Enhancement of photo-electrochemical reactions in MAPbI ₃ /Au. Materials Today Energy, 2018, 9, 303-310.	4.7	7
11	Review on optofluidic microreactors for photocatalysis. Reviews in Chemical Engineering, 2022, .	4.4	1