

Shuai Zhang

List of Publications by Year in descending order

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14
papers

817
citations

1040056

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15
all docs

15
docs citations

15
times ranked

1932
citing authors

#	ARTICLE	IF	CITATIONS
1	Valley and band structure engineering of folded MoS ₂ bilayers. Nature Nanotechnology, 2014, 9, 825-829.	31.5	267
2	3R MoS ₂ with Broken Inversion Symmetry: A Promising Ultrathin Nonlinear Optical Device. Advanced Materials, 2017, 29, 1701486.	21.0	197
3	Defect Structure of Localized Excitons in a WSe_2 Monolayer. Physical Review Letters, 2017, 119, 046101.	7.8	170
4	Direct Chemical Vapor Deposition Growth and Band-Gap Characterization of MoS ₂ /h-BN van der Waals Heterostructures on Au Foils. ACS Nano, 2017, 11, 4328-4336.	14.6	87
5	Nano-spectroscopy of excitons in atomically thin transition metal dichalcogenides. Nature Communications, 2022, 13, 542.	12.8	23
6	A cryogen-free low temperature scanning tunneling microscope capable of inelastic electron tunneling spectroscopy. Review of Scientific Instruments, 2016, 87, 063701.	1.3	15
7	Screening effect of graphite and bilayer graphene on excitons in MoSe ₂ monolayer. 2D Materials, 2017, 4, 015021.	4.4	15
8	Programmable Bloch polaritons in graphene. Science Advances, 2021, 7, .	10.3	12
9	In-Plane Anisotropy in Biaxial ReS ₂ Crystals Probed by Nano-Optical Imaging of Waveguide Modes. ACS Photonics, 2022, 9, 443-451.	6.6	12
10	Nanoscale Optical Imaging of 2D Semiconductor Stacking Orders by Exciton-Enhanced Second Harmonic Generation. Advanced Optical Materials, 2022, 10, .	7.3	9
11	Scattering-type scanning near-field optical microscopy with Akiyama piezo-probes. Applied Physics Letters, 2022, 120, .	3.3	7
12	Substrate dopant induced electronic inhomogeneity in epitaxial bilayer graphene. 2D Materials, 2021, 8, 035001.	4.4	3
13	Nanoscale Impact Ionization and Electroluminescence in a Biased Scanning-Tunneling-Microscope Junction. Chinese Physics Letters, 2022, 39, 037801.	3.3	0
14	Near-field nanoscopy of excitons and ultrafast interlayer dynamics in van der Waals crystals. , 2022, , .		0