

Jing-Kai Qin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

550
citations

933447

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940533

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docs citations

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times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	2D Indium Phosphorus Sulfide ($\text{In}_2\text{P}_3\text{S}_9$): An Emerging van der Waals High- κ Dielectrics. <i>Small</i> , 2022, 18, e2104401.	10.0	9
2	Alloy-buffer-controlled van der Waals epitaxial growth of aligned tellurene. <i>Nano Research</i> , 2022, 15, 5712-5718.	10.4	4
3	Lowering the Contact Barriers of 2D Organic F_{16}CuPc Field-Effect Transistors by Introducing Van der Waals Contacts. <i>Small</i> , 2021, 17, e2007739.	10.0	7
4	2D-1D mixed-dimensional heterostructures: progress, device applications and perspectives. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 493001.	1.8	7
5	Mechanical Anisotropy in Two-Dimensional Selenium Atomic Layers. <i>Nano Letters</i> , 2021, 21, 8043-8050.	9.1	12
6	Van der Waals heterostructures with one-dimensional atomic crystals. <i>Progress in Materials Science</i> , 2021, 122, 100856.	32.8	29
7	Strain engineering of quasi-1D layered TiS_3 nanosheets toward giant anisotropic Raman and piezoresistance responses. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	9
8	Anisotropic Signal Processing with Trigonal Selenium Nanosheet Synaptic Transistors. <i>ACS Nano</i> , 2020, 14, 10018-10026.	14.6	43
9	Raman response and transport properties of tellurium atomic chains encapsulated in nanotubes. <i>Nature Electronics</i> , 2020, 3, 141-147.	26.0	126
10	Charge Transport Behavior and Ultrasensitive Photoresponse Performance of Exfoliated F_{16}CuPc Nanoflakes. <i>Advanced Optical Materials</i> , 2019, 7, 1901097.	7.3	3
11	Unraveling the Raman Enhancement Mechanism on 1T- ReS_2 Nanosheets. <i>Small</i> , 2018, 14, e1704079.	10.0	87
12	Epitaxial Growth of 1D Atomic Chain Based Se Nanoplates on Monolayer ReS_2 for High-Performance Photodetectors. <i>Advanced Functional Materials</i> , 2018, 28, 1806254.	14.9	52
13	Chemical Vapor Deposition Growth of Degenerate p-Type Mo-Doped ReS_2 Films and Their Homojunction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15583-15591.	8.0	30
14	van der Waals epitaxy of large-area continuous ReS_2 films on mica substrate. <i>RSC Advances</i> , 2017, 7, 24188-24194.	3.6	29
15	Electric Field Tunable Interlayer Relaxation Process and Interlayer Coupling in WSe_2 /Graphene Heterostructures. <i>Advanced Functional Materials</i> , 2016, 26, 4319-4328.	14.9	47
16	Tuning the Excitonic States in MoS_2 /Graphene van der Waals Heterostructures via Electrochemical Gating. <i>Advanced Functional Materials</i> , 2016, 26, 293-302.	14.9	56