

Fan Ye

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,770
citations

1040056

9
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

3911
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-terminal transport measurements of MoS ₂ using a van der Waals heterostructure device platform. Nature Nanotechnology, 2015, 10, 534-540.	31.5	1,099
2	Highly Stable, Dual-Gated MoS ₂ Transistors Encapsulated by Hexagonal Boron Nitride with Gate-Controllable Contact, Resistance, and Threshold Voltage. ACS Nano, 2015, 9, 7019-7026.	14.6	331
3	Environmental Instability and Degradation of Single- and Few-Layer WTe ₂ Nanosheets in Ambient Conditions. Small, 2016, 12, 5802-5808.	10.0	96
4	Electrothermally Tunable Graphene Resonators Operating at Very High Temperature up to 1200 K. Nano Letters, 2018, 18, 1678-1685.	9.1	65
5	Atomic layer MoS ₂ -graphene van der Waals heterostructure nanomechanical resonators. Nanoscale, 2017, 9, 18208-18215.	5.6	48
6	Single- and few-layer WTe ₂ and their suspended nanostructures: Raman signatures and nanomechanical resonances. Nanoscale, 2016, 8, 7854-7860.	5.6	44
7	Structure and properties of layer-by-layer self-assembled chitosan/lignosulfonate multilayer film. Materials Science and Engineering C, 2012, 32, 2001-2006.	7.3	28
8	Ultrawide Frequency Tuning of Atomic Layer van der Waals Heterostructure Electromechanical Resonators. Nano Letters, 2021, 21, 5508-5515.	9.1	26
9	Small Angle X-ray Scattering of Iron Oxide Nanoparticle Monolayers Formed on a Liquid Surface. Journal of Physical Chemistry C, 2015, 119, 10727-10733.	3.1	12
10	Gate-Tuned Temperature in a Hexagonal Boron Nitride-Encapsulated 2-D Semiconductor Device. IEEE Transactions on Electron Devices, 2018, 65, 4068-4072.	3.0	12
11	Glowing Graphene Nanoelectromechanical Resonators at Ultra-High Temperature up to 2650K. , 2018, , .		6
12	Very-wide electrothermal tuning of graphene nanoelectromechanical resonators. , 2017, , .		3