Fan Ye

List of Publications by Year
in descending order

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	Ultrawide Frequency Tuning of Atomic Layer van der Waals Heterostructure Electromechanical Resonators. Nano Letters, 2021, 21, 5508-5515.	9.1	26
2	Electrothermally Tunable Graphene Resonators Operating at Very High Temperature up to 1200 K. Nano Letters, 2018, 18, 1678-1685.	9.1	65
3	Glowing Graphene Nanoelectromechanical Resonators at Ultra-High Temperature up to 2650K. , 2018, , .		6
4	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
5	Very-wide electrothermal tuning of graphene nanoelectromechanical resonators. , 2017, , .		3
6	Atomic layer MoS₂-graphene van der Waals heterostructure nanomechanical resonators. Nanoscale, 2017, 9, 18208-18215.	5.6	48
7	Environmental Instability and Degradation of Singleâ€and Fewâ€Layer WTe₂ Nanosheets in Ambient Conditions. Small, 2016, 12, 5802-5808.	10.0	96
8	Single- and few-layer WTe₂and their suspended nanostructures: Raman signatures and nanomechanical resonances. Nanoscale, 2016, 8, 7854-7860.	5.6	44
9	Highly Stable, Dual-Gated MoS₂ Transistors Encapsulated by Hexagonal Boron Nitride with Gate-Controllable Contact, Resistance, and Threshold Voltage. ACS Nano, 2015, 9, 7019-7026.	14.6	331
10	Multi-terminal transport measurements of MoS2 using a van der Waals heterostructure device platform. Nature Nanotechnology, 2015, 10, 534-540.	31.5	1,099
11	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
12	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