

Xiaodan Zhu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial States and Fano-Resonance in Graphene-Silicon Vertical Junction. Nano Letters, 2019, 19, 6765-6771.	9.1	2
2	A Study of Vertical Transport through Graphene toward Control of Quantum Tunneling. Nano Letters, 2018, 18, 682-688.	9.1	13
3	Morphological study of an intrinsically stretchable photovoltaic bulk heterojunction. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 814-820.	2.1	8
4	Wafer-Scale Growth of WSe ₂ Monolayers Toward Phase-Engineered Hybrid WO ₃ /WSe ₂ Films with Sub-ppb NO _x Gas Sensing by a Low-Temperature Plasma-Assisted Selenization Process. Chemistry of Materials, 2017, 29, 1587-1598.	6.7	99
5	A Solid-State Intrinsically Stretchable Polymer Solar Cell. ACS Applied Materials & Interfaces, 2017, 9, 40523-40532.	8.0	45
6	Atomic-Monolayer Two-Dimensional Lateral Quasi-Heterojunction Bipolar Transistors with Resonant Tunneling Phenomenon. ACS Nano, 2017, 11, 11015-11023.	14.6	45
7	Tailoring exchange couplings in magnetic topological-insulator/antiferromagnet heterostructures. Nature Materials, 2017, 16, 94-100.	27.5	137
8	Atomic-Monolayer MoS ₂ Band-to-Band Tunneling Field-Effect Transistor. Small, 2016, 12, 5676-5683.	10.0	41
9	Strong Rashba-Edelstein Effect-Induced Spin-Orbit Torques in Monolayer Transition Metal Dichalcogenide/Ferromagnet Bilayers. Nano Letters, 2016, 16, 7514-7520.	9.1	247
10	Dual-mode operation of 2D material-based hot electron transistors. Scientific Reports, 2016, 6, 32503.	3.3	12
11	Enhancing electric-field control of ferromagnetism through nanoscale engineering of high-T _c Mn _x Ge _{1-x} nanomesh. Nature Communications, 2016, 7, 12866.	12.8	35
12	A Solution Processed Flexible Nanocomposite Electrode with Efficient Light Extraction for Organic Light Emitting Diodes. Scientific Reports, 2014, 4, 4307.	3.3	96
13	Metallic nanomesh electrodes with controllable optical properties for organic solar cells. Applied Physics Letters, 2012, 100, .	3.3	51