

Zehua Jin

List of Publications by Year in descending order

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17
papers

2,165
citations

623734

14
h-index

888059

17
g-index

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docs citations

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times ranked

3980
citing authors

#	ARTICLE	IF	CITATIONS
1	Lateral Monolayer MoSe ₂ WSe ₂ Heterojunctions with Giant Built-in Potentials. <i>Small</i> , 2020, 16, e2002263.	10.0	50
2	Interfacial States and Fano-Feshbach Resonance in Graphene-Silicon Vertical Junction. <i>Nano Letters</i> , 2019, 19, 6765-6771.	9.1	2
3	Low Contact Barrier in 2H/1T MoTe ₂ In-Plane Heterostructure Synthesized by Chemical Vapor Deposition. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12777-12785.	8.0	70
4	A Study of Vertical Transport through Graphene toward Control of Quantum Tunneling. <i>Nano Letters</i> , 2018, 18, 682-688.	9.1	13
5	Near-Field Coupled Integrable Two-Dimensional InSe Photosensor on Optical Fiber. <i>ACS Nano</i> , 2018, 12, 12571-12577.	14.6	19
6	Quaternary Alloys: Thermally Induced 2D Alloy Heterostructure Transformation in Quaternary Alloys (<i>Adv. Mater.</i> 45/2018). <i>Advanced Materials</i> , 2018, 30, 1870344.	21.0	2
7	Thermally Induced 2D Alloy Heterostructure Transformation in Quaternary Alloys. <i>Advanced Materials</i> , 2018, 30, e1804218.	21.0	29
8	Synthesis of large-scale atomic-layer SnS ₂ through chemical vapor deposition. <i>Nano Research</i> , 2017, 10, 2386-2394.	10.4	124
9	Fluorinated h-BN as a magnetic semiconductor. <i>Science Advances</i> , 2017, 3, e1700842.	10.3	121
10	Janus Monolayer Transition-Metal Dichalcogenides. <i>ACS Nano</i> , 2017, 11, 8192-8198.	14.6	1,001
11	Strain-Induced Electronic Structure Changes in Stacked van der Waals Heterostructures. <i>Nano Letters</i> , 2016, 16, 3314-3320.	9.1	122
12	Solid-Vapor Reaction Growth of Transition-Metal Dichalcogenide Monolayers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10656-10661.	13.8	27
13	Solid-Vapor Reaction Growth of Transition-Metal Dichalcogenide Monolayers. <i>Angewandte Chemie</i> , 2016, 128, 10814-10819.	2.0	17
14	Spiral Growth of SnSe ₂ Crystals by Chemical Vapor Deposition. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600383.	3.7	55
15	Layer Engineering of 2D Semiconductor Junctions. <i>Advanced Materials</i> , 2016, 28, 5126-5132.	21.0	63
16	Surface functionalization of two-dimensional metal chalcogenides by Lewis acid-base chemistry. <i>Nature Nanotechnology</i> , 2016, 11, 465-471.	31.5	197
17	An Atomically Layered InSe Avalanche Photodetector. <i>Nano Letters</i> , 2015, 15, 3048-3055.	9.1	253