

Hye Yun Jeong

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,248
citations

623188

14
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

2798
citing authors

#	ARTICLE	IF	CITATIONS
1	Coulomb drag transistor using a graphene and MoS ₂ heterostructure. Communications Physics, 2020, 3, .	2.0	11
2	Dual-gated MoS ₂ Memtransistor Crossbar Array. Advanced Functional Materials, 2020, 30, 2003683.	7.8	73
3	Artificial Neural Networks: Dual-gated MoS ₂ Memtransistor Crossbar Array (Adv. Funct.) Tj ETQq1 1,0784314,rgBT /O	7.8	13
4	Intragranular Dispersion of Carbon Nanotubes Comprehensively Improves Aluminum Alloys. Advanced Science, 2018, 5, 1800115.	5.6	20
5	Thickness-dependent in-plane thermal conductivity of suspended MoS ₂ grown by chemical vapor deposition. Nanoscale, 2017, 9, 2541-2547.	2.8	86
6	Junction-Structure-Dependent Schottky Barrier Inhomogeneity and Device Ideality of Monolayer MoS ₂ Field-Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 11240-11246.	4.0	57
7	Heterogeneous Defect Domains in Single-Crystalline Hexagonal WS ₂ . Advanced Materials, 2017, 29, 1605043.	11.1	135
8	Role of alkali metal promoter in enhancing lateral growth of monolayer transition metal dichalcogenides. Nanotechnology, 2017, 28, 36LT01.	1.3	56
9	Large Work Function Modulation of Monolayer MoS ₂ by Ambient Gases. ACS Nano, 2016, 10, 6100-6107.	7.3	188
10	High Performance Graphene-Oxide-Metal Diode through Bias-Induced Barrier Height Modulation. Advanced Electronic Materials, 2016, 2, 1600223.	2.6	25
11	Misorientation-angle-dependent electrical transport across molybdenum disulfide grain boundaries. Nature Communications, 2016, 7, 10426.	5.8	172
12	Oxidation Effect in Octahedral Hafnium Disulfide Thin Film. ACS Nano, 2016, 10, 1309-1316.	7.3	97
13	Visualizing Point Defects in Transition-Metal Dichalcogenides Using Optical Microscopy. ACS Nano, 2016, 10, 770-777.	7.3	58
14	Observing Grain Boundaries in CVD-Grown Monolayer Transition Metal Dichalcogenides. ACS Nano, 2014, 8, 11401-11408.	7.3	113
15	Nondestructive Characterization of Graphene Defects. Advanced Functional Materials, 2013, 23, 5183-5189.	7.8	44
16	SiC formation on carbon nanotube surface for improving wettability with aluminum. Composites Science and Technology, 2013, 74, 6-13.	3.8	100
17	Low-temperature solid-state dissolution of carbon atoms into aluminum nanoparticles. Scripta Materialia, 2012, 66, 21-24.	2.6	10