

Hyun Goo Ji

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

426
citations

1307543

7
h-index

1588975

8
g-index

8
all docs

8
docs citations

8
times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	High Mobility WS ₂ Transistors Realized by Multilayer Graphene Electrodes and Application to High Responsivity Flexible Photodetectors. <i>Advanced Functional Materials</i> , 2017, 27, 1703448.	14.9	113
2	Chemically Tuned p- and n-Type WSe ₂ Monolayers with High Carrier Mobility for Advanced Electronics. <i>Advanced Materials</i> , 2019, 31, e1903613.	21.0	111
3	Surface-Mediated Aligned Growth of Monolayer MoS ₂ and In-Plane Heterostructures with Graphene on Sapphire. <i>ACS Nano</i> , 2018, 12, 10032-10044.	14.6	64
4	Hydrogen-Assisted Epitaxial Growth of Monolayer Tungsten Disulfide and Seamless Grain Stitching. <i>Chemistry of Materials</i> , 2018, 30, 403-411.	6.7	60
5	Vapor Phase Selective Growth of Two-Dimensional Perovskite/WS ₂ Heterostructures for Optoelectronic Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40503-40511.	8.0	39
6	Stacking Orientation-Dependent Photoluminescence Pathways in Artificially Stacked Bilayer WS ₂ Nanosheets Grown by Chemical Vapor Deposition: Implications for Spintronics and Valleytronics. <i>ACS Applied Nano Materials</i> , 2021, 4, 3717-3724.	5.0	19
7	Scanning Moiré Fringe Method: A Superior Approach to Perceive Defects, Interfaces, and Distortion in 2D Materials. <i>ACS Nano</i> , 2020, 14, 6034-6042.	14.6	13
8	van der Waals interaction-induced photoluminescence weakening and multilayer growth in epitaxially aligned WS ₂ . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29790-29797.	2.8	7