

Ji Eun Kim

List of Publications by Year in descending order

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8
papers

184
citations

1307594
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1588992
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8
all docs

8
docs citations

8
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient photovoltaic effect in graphene/h-BN/silicon heterostructure self-powered photodetector. Nano Research, 2021, 14, 1967-1972.	10.4	39
2	Ideal PN photodiode using doping controlled WSe ₂ –MoSe ₂ lateral heterostructure. Journal of Materials Chemistry C, 2021, 9, 3504-3512.	5.5	16
3	Selective Pattern Growth of Atomically Thin MoSe ₂ Films via a Surface-Mediated Liquid-Phase Promoter. ACS Applied Materials & Interfaces, 2021, 13, 18056-18064.	8.0	8
4	A Non-Volatile Memory Based on NbOx/NbSe ₂ Van der Waals Heterostructures. Applied Sciences (Switzerland), 2020, 10, 7598.	2.5	8
5	Li Intercalation Effects on Interface Resistances of High-Speed and Low-Power WSe ₂ Field-Effect Transistors. Advanced Functional Materials, 2020, 30, 2003688.	14.9	9
6	Photoinduced Tuning of Schottky Barrier Height in Graphene/MoS ₂ Heterojunction for Ultrahigh Performance Short Channel Phototransistor. ACS Nano, 2020, 14, 7574-7580.	14.6	42
7	Unveiling the Hot Carrier Distribution in Vertical Graphene/h-BN/Au van der Waals Heterostructures for High-Performance Photodetector. ACS Applied Materials & Interfaces, 2020, 12, 10772-10780.	8.0	44
8	Highly sensitive graphene biosensor by monomolecular self-assembly of receptors on graphene surface. Applied Physics Letters, 2017, 110, 203702.	3.3	18