Kiyoung Jo

List of Publications by Year in descending order

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22 papers	1,029 citations	471509 17 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	2137 citing authors

#	Article	IF	Citations
1	High-Density, Localized Quantum Emitters in Strained 2D Semiconductors. ACS Nano, 2022, 16, 9651-9659.	14.6	21
2	Interfacial Reaction and Diffusion at the One-Dimensional Interface of Two-Dimensional PtSe₂. Nano Letters, 2022, 22, 4733-4740.	9.1	3
3	Direct Optoelectronic Imaging of 2D Semiconductorâ€“3D Metal Buried Interfaces. ACS Nano, 2021, 15, 5618-5630.	14.6	35
4	Efficacy of boron nitride encapsulation against plasma-processing of 2D semiconductor layers. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, .	2.1	4
5	Spatiotemporal Imaging of Thickness-Induced Band-Bending Junctions. Nano Letters, 2021, 21, 5745-5753.	9.1	6
6	Anomalous Room-Temperature Photoluminescence from Nanostrained MoSe₂ Monolayers. ACS Photonics, 2021, 8, 2220-2226.	6.6	14
7	Excitonâ€“Photonics: From Fundamental Science to Applications. ACS Nano, 2021, 15, 12628-12654.	14.6	47
8	Self-Hybridized Polaritonic Emission from Layered Perovskites. Nano Letters, 2021, 21, 6245-6252.	9.1	18
9	Substrate-directed synthesis of MoS2 nanocrystals with tunable dimensionality and optical properties. Nature Nanotechnology, 2020, 15, 29-34.	31.5	94
10	Hybrid exciton-plasmon-polaritons in van der Waals semiconductor gratings. Nature Communications, 2020, 11, 3552.	12.8	90
11	Uncovering topographically hidden features in 2D MoSe2 with correlated potential and optical nanoprobes. Npj 2D Materials and Applications, 2020, 4, .	7.9	24
12	Gate-Tunable Semiconductor Heterojunctions from 2D/3D van der Waals Interfaces. Nano Letters, 2020, 20, 2907-2915.	9.1	69
13	Dry Transfer of van der Waals Crystals to Noble Metal Surfaces To Enable Characterization of Buried Interfaces. ACS Applied Materials & Interfaces, 2019, 11, 38218-38225.	8.0	20
14	High-performance thermoelectric bracelet based on carbon nanotube ink printed directly onto a flexible cable. Journal of Materials Chemistry A, 2018, 6, 19727-19734.	10.3	44
15	Coaxial struts and microfractured structures of compressible thermoelectric foams for self-powered pressure sensors. Nanoscale, 2018, 10, 18370-18377.	5.6	23
16	Benzyl viologen-assisted simultaneous exfoliation and n-doping of MoS₂nanosheets via a solution process. Journal of Materials Chemistry C, 2017, 5, 5395-5401.	5.5	12
17	Flexible and Robust Thermoelectric Generators Based on All-Carbon Nanotube Yarn without Metal Electrodes. ACS Nano, 2017, 11, 7608-7614.	14.6	191
18	Ultrathin Supercapacitor Electrode Based on Reduced Graphene Oxide Nanosheets Assembled with Photo-Cross-Linkable Polymer: Conversion of Electrochemical Kinetics in Ultrathin Films. Chemistry of Materials, 2015, 27, 7982-7989.	6.7	34

#	Article	IF	Citations
19	Kinetically enhanced pseudocapacitance of conducting polymer doped with reduced graphene oxide through a miscible electron transfer interface. Nano Energy, 2014, 3, 1-9.	16.0	24
20	Functional Polyelectrolyte Nanospaced MoS₂ Multilayers for Enhanced Photoluminescence. Nano Letters, 2014, 14, 6456-6462.	9.1	65
21	Facile synthesis of hybrid graphene and carbon nanotubes as a metal-free electrocatalyst with active dual interfaces for efficient oxygen reduction reaction. Journal of Materials Chemistry A, 2013, 1, 9603.	10.3	40
22	Stable Aqueous Dispersion of Reduced Graphene Nanosheets via Non-Covalent Functionalization with Conducting Polymers and Application in Transparent Electrodes. Langmuir, 2011, 27, 2014-2018.	3.5	151