

Kiyoung Jo

List of Publications by Year in descending order

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22
papers

1,029
citations

471509

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677142

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22
docs citations

22
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible and Robust Thermoelectric Generators Based on All-Carbon Nanotube Yarn without Metal Electrodes. ACS Nano, 2017, 11, 7608-7614.	14.6	191
2	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
3	Substrate-directed synthesis of MoS ₂ nanocrystals with tunable dimensionality and optical properties. Nature Nanotechnology, 2020, 15, 29-34.	31.5	94
4	Hybrid exciton-plasmon-polaritons in van der Waals semiconductor gratings. Nature Communications, 2020, 11, 3552.	12.8	90
5	Gate-Tunable Semiconductor Heterojunctions from 2D/3D van der Waals Interfaces. Nano Letters, 2020, 20, 2907-2915.	9.1	69
6	Functional Polyelectrolyte Nanospaced MoS ₂ Multilayers for Enhanced Photoluminescence. Nano Letters, 2014, 14, 6456-6462.	9.1	65
7	Exciton-Photonics: From Fundamental Science to Applications. ACS Nano, 2021, 15, 12628-12654.	14.6	47
8	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
9	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
10	Direct Optoelectronic Imaging of 2D Semiconductor-3D Metal Buried Interfaces. ACS Nano, 2021, 15, 5618-5630.	14.6	35
11	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
12	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
13	Uncovering topographically hidden features in 2D MoSe ₂ with correlated potential and optical nanoprobe. Npj 2D Materials and Applications, 2020, 4, .	7.9	24
14	Coaxial struts and microfractured structures of compressible thermoelectric foams for self-powered pressure sensors. Nanoscale, 2018, 10, 18370-18377.	5.6	23
15	High-Density, Localized Quantum Emitters in Strained 2D Semiconductors. ACS Nano, 2022, 16, 9651-9659.	14.6	21
16	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
17	Self-Hybridized Polaritonic Emission from Layered Perovskites. Nano Letters, 2021, 21, 6245-6252.	9.1	18
18	Anomalous Room-Temperature Photoluminescence from Nanostrained MoSe ₂ Monolayers. ACS Photonics, 2021, 8, 2220-2226.	6.6	14

#	ARTICLE	IF	CITATIONS
19	Benzyl viologen-assisted simultaneous exfoliation and n-doping of MoS ₂ nanosheets via a solution process. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5395-5401.	5.5	12
20	Spatiotemporal Imaging of Thickness-Induced Band-Bending Junctions. <i>Nano Letters</i> , 2021, 21, 5745-5753.	9.1	6
21	Efficacy of boron nitride encapsulation against plasma-processing of 2D semiconductor layers. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, .	2.1	4
22	Interfacial Reaction and Diffusion at the One-Dimensional Interface of Two-Dimensional PtSe ₂ . <i>Nano Letters</i> , 2022, 22, 4733-4740.	9.1	3