

Min Su Kim

List of Publications by Year in descending order

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papers

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687363

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940533

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17
times ranked

2063
citing authors

#	ARTICLE	IF	CITATIONS
1	Biexciton Emission from Edges and Grain Boundaries of Triangular WS ₂ Monolayers. ACS Nano, 2016, 10, 2399-2405.	14.6	220
2	Thickness-dependent in-plane thermal conductivity of suspended MoS ₂ grown by chemical vapor deposition. Nanoscale, 2017, 9, 2541-2547.	5.6	86
3	Shear-Triggered Crystallization and Light Emission of a Thermally Stable Organic Supercooled Liquid. ACS Central Science, 2015, 1, 94-102.	11.3	77
4	Identifying multiexcitons in MoS ₂ monolayers at room temperature. Physical Review B, 2016, 93, .	3.2	74
5	Simultaneous Hosting of Positive and Negative Trions and the Enhanced Direct Band Emission in MoSe ₂ /MoS ₂ Heterostacked Multilayers. ACS Nano, 2016, 10, 6211-6219.	14.6	62
6	Selective Amplification of the Primary Exciton in a MoS ₂ Monolayer. Physical Review Letters, 2015, 115, 226801.	7.8	54
7	Composition-Tunable Synthesis of Large-Scale Mo _{1-x} W _x S ₂ Alloys with Enhanced Photoluminescence. ACS Nano, 2018, 12, 6301-6309.	14.6	51
8	Synthesis of uniform single layer WS ₂ for tunable photoluminescence. Scientific Reports, 2017, 7, 16121.	3.3	49
9	Efficient Exciton-Plasmon Conversion in Ag Nanowire/Monolayer MoS ₂ Hybrids: Direct Imaging and Quantitative Estimation of Plasmon Coupling and Propagation. Advanced Optical Materials, 2015, 3, 943-947.	7.3	48
10	Reconfigurable exciton-plasmon interconversion for nanophotonic circuits. Nature Communications, 2016, 7, 13663.	12.8	48
11	Spectroscopic Visualization of Grain Boundaries of Monolayer Molybdenum Disulfide by Stacking Bilayers. ACS Nano, 2015, 9, 11042-11048.	14.6	47
12	Enhanced Light Emission from Monolayer Semiconductors by Forming Heterostructures with ZnO Thin Films. ACS Applied Materials & Interfaces, 2016, 8, 28809-28815.	8.0	47
13	Precise control of chemical vapor deposition graphene layer thickness using Ni _x Cu _{1-x} alloys. Journal of Materials Chemistry C, 2015, 3, 1463-1467.	5.5	19
14	Enhanced luminescence and photocurrent of organic microrod/ZnO nanoparticle hybrid system: Nanoscale optical and electrical characteristics. Electronic Materials Letters, 2015, 11, 741-748.	2.2	8
15	Effect of seasoning-layer stress on fluorine diffusion. AIP Advances, 2020, 10, 085103.	1.3	2
16	First Wafer Effect of Multiple SiO ₂ /SiN Stack Layers Prepared by using Plasma-enhanced Chemical Vapor Deposition. Journal of the Korean Physical Society, 2020, 76, 911-915.	0.7	2
17	MoS ₂ monolayers for propagating plasmon emitter and detector in long range. , 2015, , .		0