

Soo Yeon Lim

List of Publications by Year in descending order

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1597
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Phase Transition and Interlayer Coupling in Few-Layer 1Tâ€² and T_d MoTe₂. ACS Nano, 2021, 15, 2962-2970.	7.3	36
2	High-Valent Iodoplumbate-Rich Perovskite Precursor Solution <i>via</i> Solar Illumination for Reproducible Power Conversion Efficiency. Journal of Physical Chemistry Letters, 2021, 12, 1676-1682.	2.1	12
3	Interlayer interaction in 2H-MoTe₂/hBN heterostructures. 2D Materials, 2021, 8, 045004.	2.0	4
4	On the Origin of Room-Temperature Amplified Spontaneous Emission in CsPbBr₃ Single Crystals. Chemistry of Materials, 2021, 33, 7185-7193.	3.2	9
5	Ultrafast Carrierâ€™Lattice Interactions and Interlayer Modulations of Bi₂Se₃ by X-ray Free-Electron Laser Diffraction. Nano Letters, 2021, 21, 8554-8562.	4.5	10
6	Complete determination of the crystallographic orientation of ReX₂ (X = S, Se) by polarized Raman spectroscopy. Nanoscale Horizons, 2020, 5, 308-315.	4.1	37
7	Achieving Reproducible and High-Efficiency (>21%) Perovskite Solar Cells with a Presynthesized FAPbI₃ Powder. ACS Energy Letters, 2020, 5, 360-366.	8.8	139
8	Optical phonons of SnSe(1âˆ³x)Sx layered semiconductor alloys. Scientific Reports, 2020, 10, 11761.	1.6	24
9	Visualizing Orbital Content of Electronic Bands in Anisotropic 2D Semiconducting ReSe₂. ACS Nano, 2020, 14, 7880-7891.	7.3	19
10	Polytypism in few-layer gallium selenide. Nanoscale, 2020, 12, 8563-8573.	2.8	26
11	Spinâ€™phonon coupling in epitaxial SrRuO₃ heterostructures. Nanoscale, 2020, 12, 13926-13932.	2.8	13
12	Implementation of Na diffusion layer at Cu₂ZnSnSe₄/Mo interface for flexible thin film solar cell fabricated on Ti foil by solid state selenization. Current Applied Physics, 2020, 20, 967-972.	1.1	2
13	Suppression of magnetic ordering in XXZ-type antiferromagnetic monolayer NiPS₃. Nature Communications, 2019, 10, 345.	5.8	255
14	Perovskite Cluster-Containing Solution for Scalable D-Bar Coating toward High-Throughput Perovskite Solar Cells. ACS Energy Letters, 2019, 4, 1189-1195.	8.8	134