

Hyejin Jang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anisotropic Thermal Conductivity of Exfoliated Black Phosphorus. <i>Advanced Materials</i> , 2015, 27, 8017-8022.	21.0	221
2	Direct Synthesis of Large-Scale WTe_2 Thin Films with Low Thermal Conductivity. <i>Advanced Functional Materials</i> , 2017, 27, 1605928.	14.9	86
3	3D Anisotropic Thermal Conductivity of Exfoliated Rhenium Disulfide. <i>Advanced Materials</i> , 2017, 29, 1700650.	21.0	76
4	Solution-Processed Cu_2Se Nanocrystal Films with Bulk-Like Thermoelectric Performance. <i>Scientific Reports</i> , 2017, 7, 2765.	3.3	24
5	Ultralow thermal conductivity of turbostratically disordered MoSe_2 ultra-thin films and implications for heterostructures. <i>Nanotechnology</i> , 2019, 30, 285401.	2.6	21
6	Synthesis, Characterization, and Ultralow Thermal Conductivity of a Lattice-Mismatched $\text{SnSe}_2(\text{MoSe}_2)_{1.32}$ Heterostructure. <i>Chemistry of Materials</i> , 2019, 31, 5699-5705.	6.7	14
7	Nonequilibrium heat transport in Pt and Ru probed by an ultrathin Co thermometer. <i>Physical Review B</i> , 2020, 101, .	3.2	14
8	Defect structure and Fermi-level pinning of BaTiO_3 co-doped with a variable-valence acceptor (Mn) and a fixed-valence donor (Y). <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1642-1648.	2.8	13
9	Ultralow Thermal Conductivity in Nanoporous Crystalline Fe_3O_4 . <i>Journal of Physical Chemistry C</i> , 2021, 125, 6897-6908.	3.1	12
10	Thermal Conductivity of Oxide Tunnel Barriers in Magnetic Tunnel Junctions Measured by Ultrafast Thermoreflectance and Magneto-Optic Kerr Effect Thermometry. <i>Physical Review Applied</i> , 2020, 13, .	3.8	10
11	Unexpected thermoelectric behavior and immiscibility of the allegedly complete solid solution $\text{Sr}(\text{Ru}_{1-x}\text{Ti}_x)\text{O}_3$. <i>Physical Review B</i> , 2014, 89, .	3.2	7