

# Hyo Seok Ji

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhancement of the Thermoelectric Figure of Merit in a Wide Temperature Range in $\text{In}_4\text{Se}_3\text{Cl}_{0.03}$ Bulk Crystals. <i>Advanced Materials</i> , 2011, 23, 21.0 Vacancy-suppressed lattice conductivity of high- $ZT$	21.0	85
2	Low phonon conductivity of layered $\text{BiCuOS}$ , $\text{BiCuOSe}$ , and $\text{BiCuOTe}$ from first principles. <i>Physical Review B</i> , 2016, 94, . 3.2	3.2	33
3	Seebeck Coefficients of Layered $\text{BiCuSeO}$ Phases: Analysis of Their Hole-Density Dependence and Quantum Confinement Effect. <i>Chemistry of Materials</i> , 2017, 29, 2348-2354. 6.7	6.7	27
4	Thermally activated heavy states and anomalous optical properties in a multiband metal: The case of $\text{SrMnSb}_2$ . <i>Physical Review B</i> , 2016, 93, . 3.2	3.2	19
5	Electrodynamics properties of the semimetallic Dirac material $\text{SrMnBi}_2$ : Two-carrier-model analysis. <i>Physical Review B</i> , 2017, 96, . 1.3	1.3	10
6	Descriptor-based crystal structure prediction of magnetic transition metals: Orbital-spin occupancy rule. <i>AIP Advances</i> , 2018, 8, . 1.3	1.3	5