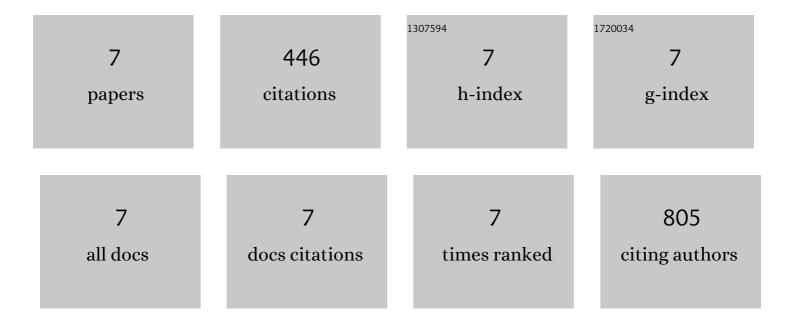
Maxwell Thomas Dylla

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1658549/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	When band convergence is not beneficial for thermoelectrics. Nature Communications, 2021, 12, 3425.	12.8	51
2	Analytical Models of Phonon–Point-Defect Scattering. Physical Review Applied, 2020, 13, .	3.8	55
3	Graphene/Strontium Titanate: Approaching Single Crystal–Like Charge Transport in Polycrystalline Oxide Perovskite Nanocomposites through Grain Boundary Engineering. Advanced Functional Materials, 2020, 30, 1910079.	14.9	37
4	Effect of Twoâ€Dimensional Crystal Orbitals on Fermi Surfaces and Electron Transport in Threeâ€Dimensional Perovskite Oxides. Angewandte Chemie, 2019, 131, 5557-5566.	2.0	8
5	Effect of Twoâ€Dimensional Crystal Orbitals on Fermi Surfaces and Electron Transport in Threeâ€Dimensional Perovskite Oxides. Angewandte Chemie - International Edition, 2019, 58, 5503-5512.	13.8	17
6	Thermopower-conductivity relation for distinguishing transport mechanisms: Polaron hopping in CeO2 and band conduction in SrTiO3. Physical Review B, 2018, 97, .	3.2	26
7	Skutterudite with graphene-modified grain-boundary complexion enhances zT enabling high-efficiency thermoelectric device. Energy and Environmental Science, 2017, 10, 183-191.	30.8	252