

Maxwell Thomas Dylla

List of Publications by Year in descending order

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7
papers

446
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	When band convergence is not beneficial for thermoelectrics. Nature Communications, 2021, 12, 3425.	12.8	51
2	Analytical Models of Phononâ€“Point-Defect Scattering. Physical Review Applied, 2020, 13, .	3.8	55
3	Graphene/Strontium Titanate: Approaching Single Crystalâ€“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 complexation enhances zT enabling high-efficiency thermoelectric device. Energy and Environmental Science, 2017, 10, 183-191.	30.8	252