

Ramzy Daou

List of Publications by Year in descending order

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11
papers

448
citations

933447

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1372567

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11
all docs

11
docs citations

11
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Thermoelectric Bulk Colusite by Process Controlled Structural Disorder. Journal of the American Chemical Society, 2018, 140, 2186-2195.	13.7	98
2	Low thermal conductivity in a modular inorganic material with bonding anisotropy and mismatch. Science, 2021, 373, 1017-1022.	12.6	76
3	Low thermal conductivity in ternary Cu ₄ Sn ₇ S ₁₆ compound. Acta Materialia, 2015, 97, 180-190.	7.9	61
4	Unconventional aspects of electronic transport in delafossite oxides. Science and Technology of Advanced Materials, 2017, 18, 919-938.	6.1	49
5	Structural analysis and thermoelectric properties of mechanically alloyed colusites. Journal of Materials Chemistry C, 2016, 4, 7455-7463.	5.5	42
6	Copper Hyper-Stoichiometry: The Key for the Optimization of Thermoelectric Properties in Stannoidite Cu _{8+x} Fe ₃ Sn ₂ S ₁₂ . Journal of Physical Chemistry C, 2017, 121, 16454-16461.	3.1	42
7	Large anisotropic thermal conductivity of the intrinsically two-dimensional metallic oxide PdCoO ₂ . Physical Review B, 2015, 91, .	3.1	28
8	Intrinsic effects of substitution and intercalation on thermal transport in two-dimensional TiS ₂ single crystals. Journal of Applied Physics, 2015, 117, 165101.	2.5	19
9	Anisotropic thermal transport in magnetic intercalates Fe _{1-x} Bi _x . Physical Review B, 2019, 99, .	2.4	18
10	Impact of short-range order on transport properties of the two-dimensional metal PdCrO ₂ . Physical Review B, 2015, 92, .	2.2	15
11	Thermoelectric properties beyond the standard Boltzmann model in oxides: A focus on the ruthenates. , 2021, , 3-14.		0