

Dean Hobbis

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Atypical transport for GdTe _{1.8} upon substitution with Se: Strong electron-phonon coupling in polaronic conduction. <i>Scripta Materialia</i> , 2021, 194, 113691.	5.2	0
2	Nano- and Micro-Structures Formed during Laser Processing of Selenium Doped Bismuth Telluride. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100185.	3.7	9
3	Transport Properties of GdTe _{1.8-x} As _x (x = 0, 0.04). <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2424-2427.	2.0	1
4	Thermal Properties of the Very Low Thermal Conductivity Ternary Chalcogenide Cu ₄ Bi ₄ M ₉ (M = S, Se, Te). <i>Journal of Applied Physics</i> , 2020, 122, 045101.	2.4	4
5	Structural, Electronic, and Thermal Properties of CdSnAs ₂ . <i>Inorganic Chemistry</i> , 2020, 59, 3079-3084.	4.0	5
6	Synthesis, transport properties and electronic structure of p-type Cu _{1+x} Mn _{2x} InTe ₄ (x = 0, 0.2, 0.3). <i>Dalton Transactions</i> , 2020, 49, 2273-2279.	3.3	12
7	Transport properties of topologically non-trivial bismuth tellurobromides Bi _n TeBr. <i>Journal of Applied Physics</i> , 2019, 126, 105105.	2.5	2
8	Enhanced thermoelectric performance of heavy-fermion compounds Yb ₂ Zn ₂₀ (TM = Co, Rh, Ir) at low temperatures. <i>Science Advances</i> , 2019, 5, eaaw6183.	10.3	11
9	Electronic structure properties of CuZn ₂ InTe ₄ and AgZn ₂ InTe ₄ quaternary chalcogenides. <i>Journal of Applied Physics</i> , 2019, 125, 155101.	2.5	17
10	Structural, Chemical, Electrical, and Thermal Properties of n-Type NbFeSb. <i>Inorganic Chemistry</i> , 2019, 58, 1826-1833.	4.0	8
11	Wittichenite Cu ₃ BiS ₃ : Synthesis and Physical Properties. <i>Journal of Electronic Materials</i> , 2018, 47, 2374-2377.	2.2	10
12	Laser additive manufacturing of powdered bismuth telluride. <i>Journal of Materials Research</i> , 2018, 33, 4031-4039.	2.6	23
13	Synthesis, Structure, and Electrical Properties of the Single Crystal Ba ₈ Cu ₁₆ As ₃₀ . <i>Inorganic Chemistry</i> , 2018, 57, 9327-9334.	4.0	7
14	Synthesis, Structure, Te Alloying, and Physical Properties of CuSbS ₂ . <i>Inorganic Chemistry</i> , 2017, 56, 14040-14044.	4.0	16
15	High Temperature Transport Properties of Yb and In Double-Filled p-Type Skutterudites. <i>Crystals</i> , 2017, 7, 256.	2.2	6