

Dean Hobbis

List of Publications by Year in descending order

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15
papers

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1478505

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docs citations

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175
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser additive manufacturing of powdered bismuth telluride. Journal of Materials Research, 2018, 33, 4031-4039.	2.6	23
2	Electronic structure properties of CuZn ₂ InTe ₄ and AgZn ₂ InTe ₄ quaternary chalcogenides. Journal of Applied Physics, 2019, 125, 155101.	2.5	17
3	Synthesis, Structure, Te Alloying, and Physical Properties of CuSb ₂ . Inorganic Chemistry, 2017, 56, 14040-14044.	4.0	16
4	Synthesis, transport properties and electronic structure of p-type Cu _{1+x} Mn ₂ xInTe ₄ (x = 0, 0.2, 0.3). Dalton Transactions, 2020, 49, 2273-2279.	3.3	12
5	Enhanced thermoelectric performance of heavy-fermion compounds Yb ₂ Zn ₂₀ (TM = Co, Rh, Ir) at low temperatures. Science Advances, 2019, 5, eaaw6183.	10.3	11
6	Wittichenite Cu ₃ BiS ₃ : Synthesis and Physical Properties. Journal of Electronic Materials, 2018, 47, 2374-2377.	2.2	10
7	Nano- and Micro-Structures Formed during Laser Processing of Selenium Doped Bismuth Telluride. Advanced Materials Interfaces, 2021, 8, 2100185.	3.7	9
8	Structural, Chemical, Electrical, and Thermal Properties of n-Type NbFeSb. Inorganic Chemistry, 2019, 58, 1826-1833.	4.0	8
9	Synthesis, Structure, and Electrical Properties of the Single Crystal Ba ₈ Cu ₁₆ As ₃₀ . Inorganic Chemistry, 2018, 57, 9327-9334.	4.0	7
10	High Temperature Transport Properties of Yb and In Double-Filled p-Type Skutterudites. Crystals, 2017, 7, 256.	2.2	6
11	Structural, Electronic, and Thermal Properties of CdSnAs ₂ . Inorganic Chemistry, 2020, 59, 3079-3084.	4.0	5
12	Thermal Properties of the Very Low Thermal Conductivity Ternary Chalcogenide Cu ₄ Bi ₄ M ₉ (M = S, Se). Tj $\frac{E_{TQ} Q_0}{0.04} \frac{g_{BT}}{Over}$	2.4	4
13	Transport properties of topologically non-trivial bismuth tellurobromides Bi _n TeBr. Journal of Applied Physics, 2019, 126, 105105.	2.5	2
14	Transport Properties of GdTe _{1.8} xAs _x (x = 0, 0.04). European Journal of Inorganic Chemistry, 2020, 2020, 2424-2427.	2.0	1
15	Atypical transport for GdTe _{1.8} upon substitution with Se: Strong electron-phonon coupling in polaronic conduction. Scripta Materialia, 2021, 194, 113691.	5.2	0