Philipp Sauerschnig

List of Publications by Year
in descending order

11	257	1307594 7	1281871 11
papers	citations	h-index	g-index

11	11	11	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Key properties of inorganic thermoelectric materialsâ€"tables (version 1). JPhys Energy, 2022, 4, 022002.	5.3	51
2	Cuâ€"S-based thermoelectric compounds with a sphalerite-derived disordered crystal structure. Journal of Solid State Chemistry, 2022, 309, 122960.	2.9	1
3	On the thermoelectric and magnetic properties, hardness, and crystal structure of the higher boride YbB66. Journal of Alloys and Compounds, 2020, 813, 152182.	5.5	8
4	Role of excess tellurium on the electrical and thermal properties in Te-doped paracostibite. Journal of Materials Chemistry C, 2020, 8, 1811-1818.	5.5	10
5	Thermoelectric properties of phase pure boron carbide prepared by a solution-based method. Advances in Applied Ceramics, 2020, 119, 97-106.	1.1	11
6	Tailoring the thermoelectric and structural properties of Cuâ€"Sn based thiospinel compounds [CuM_{1+x}Sn_{1â^'x}S₄ (M = Ti, V, Cr, Co)]. Journal of Materials Chemistry C, 2020, 8, 16368-16383.	5.5	21
7	Thermoelectric and magnetic properties of spark plasma sintered REB66 (REâ€¯=â€¯Y, Sm, Ho, Tm, Yb). Journal of the European Ceramic Society, 2020, 40, 3585-3591.	5.7	6
8	Rapid synthesis of thermoelectric YB₂₂C₂N via spark plasma sintering with gas/solid reaction technology. Journal of the Ceramic Society of Japan, 2020, 128, 181-185.	1.1	3
9	Influence of Slight Substitution (Mn/In) on Thermoelectric and Magnetic Properties in Chalcopyrite-Type CuInTe2. Journal of Electronic Materials, 2019, 48, 4524-4532.	2.2	7
10	On the constitution and thermodynamic modelling of the system Zr-Ni-Sn. Journal of Alloys and Compounds, 2018, 742, 1058-1082.	5.5	20
11	(V,Nb)-doped half Heusler alloys based on {Ti,Zr,Hf}NiSn with high ZT. Acta Materialia, 2017, 131, 336-348.	7.9	119