

Sylvie HÃ©bert

List of Publications by Year in descending order

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17
papers

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1307594

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17
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Perovskite manganites and layered cobaltites: potential materials for thermoelectric applications. <i>Crystal Engineering</i> , 2002, 5, 365-382.	0.7	96
2	ZrSe ₃ -Type Variant of TiS ₃ : Structure and Thermoelectric Properties. <i>Chemistry of Materials</i> , 2014, 26, 5585-5591.	6.7	44
3	Thermoelectric materials taking advantage of spin entropy: lessons from chalcogenides and oxides. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 583-596.	6.1	27
4	Magnetothermopower and giant magnetoresistance in the spin-glass CuCrTiS ₄ thiospinel. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	23
5	Anisotropic thermal transport in magnetic intercalates $\text{Fe}_{1-x}\text{Mn}_x\text{S}$. <i>Physical Review B</i> , 2019, 99, .		
6	Impact of short-range order on transport properties of the two-dimensional metal PdCrO_2 . <i>Physical Review B</i> , 2015, 92, .		
7	Stability and thermoelectric performance of doped higher manganese silicide materials solidified by RGS (ribbon growth on substrate) synthesis. <i>Journal of Alloys and Compounds</i> , 2020, 832, 154602.	5.5	11
8	Transport and Thermoelectric Coefficients of the Co ₉ S ₈ Metal: A Comparison with the Spin Polarized CoS ₂ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 5386-5391.	3.1	8
9	Linear, Hypervalent Se ₃ ⁴⁻ Units and Unprecedented Cu ₄ Se ₉ Building Blocks in the Copper(I) Selenide Ba ₄ Cu ₈ Se ₁₃ . <i>Inorganic Chemistry</i> , 2017, 56, 9209-9218.	4.0	7
10	Sr ₂ Fe _{1+x} Re _{1-x} O ₆ double perovskites: magnetoresistance and (magneto)thermopower. <i>Chemical Communications</i> , 2019, 55, 5878-5881.	4.1	7
11	Impact of the iron substitution on the thermoelectric properties of Co _{1-x} Fe _x S ₂ (0 ≤ x ≤ 0.30). <i>Philosophical Transactions Series A, Mathematical and Physical Sciences</i> , 2010, 375, 010301.	1.4	6
12	Thermoelectric properties, metal-insulator transition, and magnetism: Revisiting the N_{1-x}C_x system. <i>Physical Review B</i> , 2014, 89, 040401.	2.4	24
13	Two new magnetic hollandites A _{1.5} Ru _{6.1} Cr _{1.9} O ₁₆ (A = Tj, E, O, G, I). <i>Journal of Solid State Chemistry</i> , 2011, 187, 103-108.	5.9	3
14	Improvement of thermoelectric performance in $\text{Sb}_{2-x}\text{Te}_x$ composites. <i>Physical Review Materials</i> , 2022, 6, .	2.4	1
15	Interplay between magnetism and transport in the CuCr _{1-x} Ti _{1+x} S ₄ thiospinel: evidence for a strong asymmetry between p- and n-type transport. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2022, 648, .	1.2	2
16	Thermoelectric properties beyond the standard Boltzmann model in oxides: A focus on the ruthenates. , 2021, , 3-14.		0
17	Thermopower in the Ba _{1-x} M _{2+x} Ru _{4-x} O ₁₁ (M=Co, Mn, Fe) magnetic hexagonal ruthenates. <i>Physical Review B</i> , 2021, 103, .	3.2	0