

Sylvie HÃ©bert

List of Publications by Year in descending order

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533
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of thermoelectric performance in $\text{Sb}_{2-x}\text{Te}_{1+x}$ composites. <i>Physical Review Materials</i> , 2022, 6, .		
2	Interplay between magnetism and transport in the $\text{CuCr}_{1-x}\text{Ti}_{1+x}\text{S}_4$ thiospinel: evidence for a strong asymmetry between σ and κ type transport. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2022, 648, .	1.2	2
3	Thermoelectric properties beyond the standard Boltzmann model in oxides: A focus on the ruthenates. , 2021, , 3-14.		0
4	Transport and Thermoelectric Coefficients of the $\text{Co}_{1-x}\text{S}_2$ Metal: A Comparison with the Spin Polarized CoS_2 . <i>Journal of Physical Chemistry C</i> , 2021, 125, 5386-5391.	3.1	8
5	Thermopower in the $\text{Ba}_{1-x}\text{M}_{2+x}\text{Ru}_4\text{O}_{11}$ ($M=\text{Co}, \text{Mn}, \text{Fe}$) magnetic hexagonal ruthenates. <i>Physical Review B</i> , 2021, 103, .	3.2	0
6	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
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	Impact of the iron substitution on the thermoelectric properties of $\text{Co}_{1-x}\text{Fe}_x\text{S}_2$ ($x=0.30$). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180337.	4.4	6
9	Two new magnetic hollandites $\text{A}_{1.5}\text{Ru}_{6.1}\text{Cr}_{1.9}\text{O}_{16}$ ($A = \text{Tj}, \text{Er}, \text{Gd}$) $1.0784314 \text{ g cm}^{-3}$	5.9	3
10	$\text{Sr}_{2-x}\text{Fe}_{1+x}\text{Re}_x\text{O}_6$ double perovskites: magnetoresistance and (magneto)thermopower. <i>Chemical Communications</i> , 2019, 55, 5878-5881.	4.1	7
11	Anisotropic thermal transport in magnetic intercalates $\text{Fe}_x\text{M}_x\text{N}_x$	3.2	18
12	Thermoelectric properties, metal-insulator transition, and magnetism: Revisiting the $\text{N}_i\text{M}_{1-x}\text{C}_x$	2.4	1
13	Magnetothermopower and giant magnetoresistance in the spin-glass CuCrTiS_4 thiospinel. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	23
14	Linear, Hypervalent Se_3Se_4 Units and Unprecedented Cu_4Se_9 Building Blocks in the Copper(I) Selenide $\text{Ba}_4\text{Cu}_8\text{Se}_{13}$. <i>Inorganic Chemistry</i> , 2017, 56, 9209-9218.	4.0	7
15	Impact of short-range order on transport properties of the two-dimensional metal PdCrO_2	2.3	18
16	ZrSe_3 -Type Variant of TiS_3 : Structure and Thermoelectric Properties. <i>Chemistry of Materials</i> , 2014, 26, 5585-5591.	6.7	44
17	Perovskite manganites and layered cobaltites: potential materials for thermoelectric applications. <i>Crystal Engineering</i> , 2002, 5, 365-382.	0.7	96