Giant Barocaloric Effect at the Spin Crossover Transitio

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Citation Report

#	Article	IF	Citations
1	Spin-crossover in iron(<scp>ii</scp>)-Schiff base complexes. Dalton Transactions, 2019, 48, 15321-15337.	3.3	59
2	Giant reversible barocaloric response of (MnNiSi)1â^'x(FeCoGe)x (x = 0.39, 0.40,) Tj ETQq1 1 0.784314 rgBT /Ov	5.1	27
3	The refrigerant capacity in spin-crossover materials: Application to [Fe(phen)2(NCS)2]. Journal of Magnetism and Magnetic Materials, 2019, 489, 165421.	2.3	10
4	Novel mechanocaloric materials for solid-state cooling applications. Applied Physics Reviews, 2019, 6, .	11.3	66
5	Giant room-temperature barocaloric effect at the electronic phase transition in Ni_{1â^'x}Fe_xS. Materials Horizons, 2020, 7, 2690-2695.	12.2	33
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9	Structure:function relationships for thermal and light-induced spin-crossover in isomorphous molecular materials. Journal of Materials Chemistry C, 2020, 8, 8420-8429.	5.5	11
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15	Elucidating the Structural Chemistry of a Hysteretic Iron(II) Spinâ€Crossover Compound From its Copper(II) and Zinc(II) Congeners. Chemistry - A European Journal, 2020, 26, 4833-4841.	3.3	8
16	Large Enhancement of Magnetocaloric and Barocaloric Effects by Hydrostatic Pressure in La(Fe_{0.92}Co_{0.08})_{11.9}Si_{1.1} with a NaZn₁₃-Type Structure. Chemistry of Materials, 2020, 32, 1807-1818.	6.7	23
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19	Advances and obstacles in pressure-driven solid-state cooling: A review of barocaloric materials. MRS Energy & Sustainability, 2021, 8, 3.	3.0	21
20	Giant and Reversible Barocaloric Effect in Trinuclear Spinâ€Crossover Complex Fe₃(bntrz)₆(tcnset)₆. Advanced Materials, 2021, 33, e2008076.	21.0	58
21	Fantastic barocalorics and where to find them. Applied Physics Letters, 2021, 118, .	3.3	34
23	Coupling and decoupling of spin crossover and ferroelastic distortion: Unsymmetric hysteresis loop, phase diagram, and sequence of phases. Physical Review Materials, 2021, 5, .	2.4	15
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