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List of articles citing

Effect of dilution on the spin pairing transition in rhombohedral carbonates

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High Pressure Research, 2010, 30, 224-229.

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#	Paper	IF	Citations
24	Structure of siderite FeCO <sub>3</sub> to 56 GPa and hysteresis of its spin-pairing transition. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	59
23	Dolomite III: A new candidate lower mantle carbonate. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	32
22	Sound velocities of ferromagnesian carbonates and the seismic detection of carbonates in eclogites and the mantle. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	32
21	High pressure single-crystal micro X-ray diffraction analysis with GSE_ADA/RSV software. <i>High Pressure Research</i> , <b>2013</b> , 33, 466-484	1.6	111
20	Single-crystal diffraction at megabar conditions by synchrotron radiation. <i>High Pressure Research</i> , <b>2013</b> , 33, 511-522	1.6	63
19	EFFECTS OF THE ELECTRONIC SPIN TRANSITIONS OF IRON IN LOWER MANTLE MINERALS: IMPLICATIONS FOR DEEP MANTLE GEOPHYSICS AND GEOCHEMISTRY. <i>Reviews of Geophysics</i> , <b>2013</b> , 51, 244-275	23.1	156
18	Single-crystal diffraction at the Extreme Conditions beamline P02.2: procedure for collecting and analyzing high-pressure single-crystal data. <i>Journal of Synchrotron Radiation</i> , <b>2013</b> , 20, 711-20	2.4	52
17	Single-crystal elasticity of the deep-mantle magnesite at high pressure and temperature. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 392, 292-299	5.3	33
16	Pressure-induced phase transition in MnCO <sub>3</sub> and its implications on the deep carbon cycle. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2015</b> , 120, 4069-4079	3.6	14
15	Spin crossover and hyperfine interactions of iron in (Mg,Fe)CO <sub>3</sub> ferromagnesite. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	17
14	First-principles study of iron spin crossover in the new hexagonal aluminous phase. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	11
13	Pressure driven spin transition in siderite and magnesiosiderite single crystals. <i>Scientific Reports</i> , <b>2017</b> , 7, 16526	4.9	17
12	The high-pressure behavior of spherocobaltite (CoCO <sub>3</sub> ): a single crystal Raman spectroscopy and XRD study. <i>Physics and Chemistry of Minerals</i> , <b>2018</b> , 45, 59-68	1.6	6
11	Single crystal growth, crystalline structure investigation and high-pressure behavior of impurity-free siderite (FeCO <sub>3</sub> ). <i>Physics and Chemistry of Minerals</i> , <b>2018</b> , 45, 831-842	1.6	10
10	Thermal Conductivity Anomaly in (Fe <sub>0.78</sub> Mg <sub>0.22</sub> )CO <sub>3</sub> Siderite Across Spin Transition of Iron. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2019</b> , 124, 1388-1396	3.6	5
9	Spectroscopic and ab initio studies of the pressure-induced Fe <sup>2+</sup> high-spin-to-low-spin electronic transition in natural triphylite and thiophilite. <i>Physics and Chemistry of Minerals</i> , <b>2019</b> , 46, 245-258	1.6	
8	High-pressure, high-temperature phase stability of iron-poor dolomite and the structures of dolomite-IIIc and dolomite-V. <i>Physics of the Earth and Planetary Interiors</i> , <b>2020</b> , 299, 106403	2.3	12

7	Iron-rich carbonates stabilized by magnetic entropy at lower mantle conditions. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 531, 115959	5.3	6
6	Spin Transition of Iron in Deep-Mantle Ferromagnesite. <i>Geophysical Monograph Series</i> , <b>2020</b> , 115-125	1.1	0
5	Anomalous thermal properties and spin crossover of ferromagnesite (Mg,Fe)CO <sub>3</sub> . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
4	Structure, genesis and resources efficiency of dolomite: New insights and remaining enigmas. <i>Chemical Geology</i> , <b>2021</b> , 573, 120191	4.2	1
3	Role of Spin Crossover and Other Physicochemical Transformations in the Lower Mantle. <i>Springer Geology</i> , <b>2017</b> , 259-280	0.8	
2	The crystal structures of Fe-bearing MgCO <sub>3</sub> and -carbonates at 98 GPa from single-crystal X-ray diffraction using synchrotron radiation. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 715-719	0.7	3
1	In-Situ Single Crystal XRD and Raman Spectra Investigation of (Mg, Fe, Mn)CO <sub>3</sub> at Various Temperatures. <b>2023</b> , 13, 207		0