

Pressure-induced amorphization and polyamorphism: 1

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Determination of the finite-temperature anisotropic elastic and thermal properties of Ge <sub>3</sub> N <sub>4</sub> : A first-principles study. Computational Condensed Matter, 2014, 1, 1-7.	0.9	9
2	Raman and <i>ab initio</i> investigation of negative thermal expansion material TaVO <sub>5</sub> : Insights into phase stability and anharmonicity. Journal of Applied Physics, 2015, 117, .	1.1	28
3	Mechanisms for pressure-induced crystal-crystal transition, amorphization, and devitrification of SnI <sub>4</sub> . Journal of Chemical Physics, 2015, 143, 164508.	1.2	13
4	Polyamorphism in tetrahedral substances: Similarities between silicon and ice. Journal of Chemical Physics, 2015, 143, 034501.	1.2	1
5	High-pressure phase transition in Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . Journal of Physics Condensed Matter, 2015, 27, 405401.	0.7	7
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7	Size-dependent pressure-induced amorphization: a thermodynamic panorama. Physical Chemistry Chemical Physics, 2015, 17, 903-910.	1.3	18
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11	Structural transformation between long and short-chain form of liquid sulfur from <i>ab initio</i> molecular dynamics. Journal of Chemical Physics, 2015, 142, 154502.	1.2	18
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16	Elasticity of single-crystal quartz to 10 GPa. Physics and Chemistry of Minerals, 2015, 42, 203-212.	0.3	57
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20	Ice Ih anomalies: Thermal contraction, anomalous volume isotope effect, and pressure-induced amorphization. <i>Journal of Chemical Physics</i> , 2016, 144, 204503.	1.2	24
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25	Structural evolution mechanisms of amorphous and liquid As <sub>2</sub> S <sub>3</sub> at high pressures. <i>Physical Review B</i> , 2016, 93, .	1.2	12
26	Structural evolution mechanisms of amorphous and liquid Bi <sub>2</sub> O <sub>3</sub> at high pressures. <i>Physical Review B</i> , 2016, 93, .	1.1	16
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29	Structure and dynamics in network-forming materials. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 503001.	0.7	8
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40	Generating gradient germanium nanostructures by shock-induced amorphization and crystallization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9791-9796.	3.3	48
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51	Metastable States in Pressurized Bulk and Mesoporous Germanium. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10929-10938.	1.5	6
52	Pressure-induced phase transition from calcite to aragonite detected by fluorescence spectroscopy. <i>European Journal of Mineralogy</i> , 2018, 30, 711-720.	0.4	4
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