

# Structural transitions of 4:1 methanol-ethanol mixture under pressure

Matter and Radiation at Extremes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High pressure induced the polymorphism phase transition in the Fe <sub>40</sub> Mn <sub>40</sub> Co <sub>10</sub> Cr <sub>10</sub> multi-principal element alloy. <i>Intermetallics</i> , 2021, 136, 107268.	3.9	3
2	Pressure-Induced Structural Phase Transition and Metallization of CrCl <sub>3</sub> under Different Hydrostatic Environments up to 50.0 GPa. <i>Inorganic Chemistry</i> , 2022, 61, 4852-4864.	4.0	14
3	Structural properties of single-walled carbon nanotubes under extreme dynamic pressures. <i>Acta Materialia</i> , 2022, 228, 117776.	7.9	3
4	Future Study of Dense Superconducting Hydrides at High Pressure. <i>Materials</i> , 2021, 14, 7563.	2.9	18
5	Control of deviatoric stress in the diamond anvil cell through thermal expansion mismatch stress in thin films. <i>Physics and Chemistry of Minerals</i> , 2022, 49, 1.	0.8	1
6	Pressure-Enhanced Photocurrent in One-Dimensional SbSI via Lone-Pair Electron Reconfiguration. <i>Materials</i> , 2022, 15, 3845.	2.9	6
7	Pressure-induced local structural crossover in a high-entropy metallic glass. <i>Physical Review B</i> , 2022, 105, .	3.2	2
8	Mechanical properties of hexagonal silicon. <i>Scripta Materialia</i> , 2022, 220, 114936.	5.2	6
9	Nested order-disorder framework containing a crystalline matrix with self-filled amorphous-like innards. <i>Nature Communications</i> , 2022, 13, .	12.8	29
10	Effect of hexagonality on the pressure-dependent lattice dynamics of 4H-SiC. <i>New Journal of Physics</i> , 2022, 24, 113015.	2.9	4
11	Hydrogen and related matter in the pressure dimension. <i>Matter and Radiation at Extremes</i> , 2022, 7, .	3.9	7
12	Lattice dynamics of NiTiO <sub>3</sub> under high pressure: Raman evidence under two pressure-transmitting mediums. <i>Results in Physics</i> , 2022, 43, 106114.	4.1	5
13	Pressure-induced phase transition and band-gap decrease in semiconducting Na <sub>3</sub> Bi(IO <sub>3</sub> ) <sub>6</sub> . <i>Results in Physics</i> , 2023, 44, 106156.	4.1	4
14	Enhanced Second-Harmonic Generation of van der Waals CuInP <sub>2</sub> S <sub>6</sub> via Pressure-Regulated Cationic Displacement. <i>Chemistry of Materials</i> , 2023, 35, 242-250.	6.7	10
15	Molecular insights into the compression response of nitrogen/tetrafluoromethane liquid mixture from ab initio molecular dynamics. <i>Journal of Molecular Liquids</i> , 2023, 376, 121359.	4.9	0
16	<i>In situ</i> high-pressure wide-angle hard x-ray photon correlation spectroscopy: A versatile tool probing atomic dynamics of extreme condition matter. <i>Matter and Radiation at Extremes</i> , 2023, 8, 028101.	3.9	2
17	High-Pressure Coupling Reactions to Produce a Spherical Bulk Re <sub>x</sub> N/Fe <sub>3</sub> N Composite. <i>Inorganic Chemistry</i> , 2023, 62, 6263-6273.	4.0	1
18	Pressure-induced nonmonotonic cross-over of steady relaxation dynamics in a metallic glass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	1

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19	Exploring the structural dynamics of proteins by pressure perturbation using macromolecular crystallography. <i>Methods in Enzymology</i> , 2023, , .	1.0	0
20	Solubility Properties of Methanol in Organic Solvents. , 2023, , .		0
21	Pressure-Induced Modulation of Tin Selenide Properties: A Review. <i>Molecules</i> , 2023, 28, 7971.	3.8	0
22	In-situ observation of single-phase compositionally-complex oxide formation during high-pressure and high-temperature synthesis. <i>Scripta Materialia</i> , 2024, 242, 115920.	5.2	0
23	Tunable luminescence in pyrochlore Lu <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> :Eu <sup>3+</sup> nanoparticles at elevated pressure. , 2024, 5, 100046.		0
24	Hydrogen-bond transformations of confined water and abnormal mechanical responses of hydrated AlPO <sub>4</sub> -11 framework under in situ high pressure. <i>Journal of Molecular Liquids</i> , 2024, 399, 124344.	4.9	0