

Evidence for a new phase of dense hydrogen above 325 g

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantum rotors in Pca21 lattice. Low Temperature Physics, 2016, 42, 513-517.	0.6	0
2	Perspective: Role of structure prediction in materials discovery and design. APL Materials, 2016, 4, 053210.	5.1	114
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6	Tunable Negative Thermal Expansion in Layered Perovskites from Quasi-Two-Dimensional Vibrations. Physical Review Letters, 2016, 117, 115901.	7.8	32
7	Hexagonal structure of phase III of solid hydrogen. Physical Review B, 2016, 94, .	3.2	44
8	Anharmonic enhancement of superconductivity in metallic molecular Cmc21 hydrogen at high pressure: a first-principles study. Journal of Physics Condensed Matter, 2016, 28, 494001.	1.8	26
9	Search for high- T_c superconductivity at megabar pressures in the lithium-sulfur system. Physical Review B, 2016, 94, .	4.0	10
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11	Stable structure of metallic hydrogen at a pressure of 500 GPa. JETP Letters, 2016, 104, 319-322.	1.4	12
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18	Observation of the Wigner-Huntington transition to metallic hydrogen. Science, 2017, 355, 715-718.	12.6	438

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24	van Hove singularities and tight-binding model in high-temperature superconductor H_3Se . Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2526-2530.	2.1	4
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37	Comment on "Observation of the Wigner-Huntington transition to metallic hydrogen". Science, 2017, 357, .	12.6	41

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39	Metallization of solid molecular hydrogen in two dimensions: Mott-Hubbard-type transition. <i>Physical Review B</i> , 2017, 96, .	3.2	3
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78	Metallic hydrogen. Journal of Physics Condensed Matter, 2018, 30, 254003.	1.8	21
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