

Junzo Chihara

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The average ion charge in the thermal ionization. High Energy Density Physics, 2017, 23, 228-231.	1.5	1
2	Average atom model based on Quantum Hyper-Netted Chain method. High Energy Density Physics, 2016, 19, 38-47.	1.5	12
3	Electron and Nuclear Pressures in Electron-Nucleus Mixtures. Progress of Theoretical Physics, 2007, 118, 1019-1042.	2.0	1
4	Pressure formulae for liquid metals and plasmas based on the density-functional theory. Journal of Physics Condensed Matter, 2001, 13, 7183-7198.	1.8	7
5	Structure factor and electronic structure of compressed liquid rubidium. Physical Review B, 1998, 58, 5314-5321.	3.2	16
6	First-principles molecular dynamics of liquid alkali metals based on the quantal hypernetted chain theory. Physical Review E, 1996, 53, 6253-6263.	2.1	14
7	<i>Ab Initio</i> Molecular Dynamics for Simple Liquid Metals Based on the Hypernetted-Chain Approximation. Molecular Simulation, 1996, 16, 31-46.	2.0	6
8	Dharma-wardana's Perrot theory and the quantal hypernetted-chain equation for strongly coupled plasmas. Physical Review A, 1991, 44, 1247-1256.	2.5	10
9	Structure factor and pseudopotential of liquid metallic lithium determined from the nucleus-electron model. Physical Review A, 1989, 40, 4507-4516.	2.5	32
10	Comparison of integral equations for correlations in liquid metallic hydrogen. Physical Review A, 1986, 33, 2575-2582.	2.5	47
11	Derivation of Quantal Hyper-Netted Chain Equation from the Kohn-Sham Theory. Progress of Theoretical Physics, 1978, 59, 76-86.	2.0	31
12	Integral Equations for Neutral and Charged Quantum Fluids Including Extension of the Percus-Yevick Equation. Progress of Theoretical Physics, 1973, 50, 1156-1181.	2.0	24
13	Equivalence of Three Kinetic Methods for Calculating the Space-Time Correlation Function. Journal of the Physical Society of Japan, 1971, 31, 1323-1328.	1.6	1