Junzo Chihara

List of Publications by Year
in descending order

13	202	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	111
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of integral equations for correlations in liquid metallic hydrogen. Physical Review A, 1986, 33, 2575-2582.	2.5	47
2	Structure factor and pseudopotential of liquid metallic lithium determined from the nucleus-electron model. Physical Review A, 1989, 40, 4507-4516.	2.5	32
3	Derivation of Quantal Hyper-Netted Chain Equation from the Kohn-Sham Theory. Progress of Theoretical Physics, 1978, 59, 76-86.	2.0	31
4	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
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	Average atom model based on Quantum Hyper-Netted Chain method. High Energy Density Physics, 2016, 19, 38-47.	1.5	12
8	Dharma-wardanaâ€“Perrot theory and the quantal hypernetted-chain equation for strongly coupled plasmas. Physical Review A, 1991, 44, 1247-1256.	2.5	10
9	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
10	Ab InitioMolecular Dynamics for Simple Liquid Metals Based on the Hypernetted-Chain Approximation. Molecular Simulation, 1996, 16, 31-46.	2.0	6
11	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
12	Electron and Nuclear Pressures in Electron-Nucleus Mixtures. Progress of Theoretical Physics, 2007, 118, 1019-1042.	2.0	1
13	The average ion charge in the thermal ionization. High Energy Density Physics, 2017, 23, 228-231.	1.5	1