

Kenichi Kinugawa

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum polyamorphism in compressed distinguishable helium-4. Journal of Chemical Physics, 2021, 154, 224503.	1.2	2
2	Quantumness and state boundaries hidden in supercritical helium-4: A path integral centroid molecular dynamics study. Journal of Chemical Physics, 2018, 149, 204504.	1.2	5
3	Transport coefficients of normal liquid helium-4 calculated by path integral centroid molecular dynamics simulation. Chemical Physics Letters, 2017, 671, 174-181.	1.2	5
4	Path integral centroid molecular dynamics simulation of para-hydrogen sandwiched by graphene sheets. Chemical Physics Letters, 2016, 664, 114-119.	1.2	1
5	Effective potential analytic continuation approach for real time quantum correlation functions involving nonlinear operators. Journal of Chemical Physics, 2005, 122, 174104.	1.2	35
6	Effective potential analytic continuation calculations of real time quantum correlation functions: Asymmetric systems. Journal of Chemical Physics, 2004, 121, 2891-2898.	1.2	3
7	Quantum effect on the internal proton transfer and structural fluctuation in the H ₅ ⁺ cluster. Journal of Chemical Physics, 2004, 121, 10991.	1.2	24
8	Ab initio centroid path integral molecular dynamics: Application to vibrational dynamics of diatomic molecular systems. Journal of Chemical Physics, 2004, 120, 312-320.	1.2	21
9	Centroid molecular dynamics approach to the transport properties of liquid para-hydrogen over the wide temperature range. Journal of Chemical Physics, 2004, 120, 10624-10633.	1.2	40
10	Unified quantum molecular dynamics method based on centroid molecular dynamics and semiempirical molecular orbital theory. International Journal of Quantum Chemistry, 2003, 95, 372-379.	1.0	7
11	Molecular collective dynamics in solid para-hydrogen and ortho-deuterium: The Parrinello-Rahman-type path integral centroid molecular dynamics approach. Journal of Chemical Physics, 2003, 119, 953-963.	1.2	45
12	Quantum dynamical correlations: Effective potential analytic continuation approach. Journal of Chemical Physics, 2003, 119, 4629-4640.	1.2	16
13	Transport properties of liquid para-hydrogen: The path integral centroid molecular dynamics approach. Journal of Chemical Physics, 2003, 119, 9651-9660.	1.2	54
14	A path integral centroid molecular dynamics method for Bose and Fermi statistics. Journal of Molecular Liquids, 2001, 90, 11-20.	2.3	5
15	A semiclassical approach to the dynamics of many-body Bose/Fermi systems by the path integral centroid molecular dynamics. Journal of Chemical Physics, 2001, 114, 1454-1466.	1.2	22
16	Path Integral Centroid Molecular Dynamics Simulation Extended to Bose and Fermi Statistics. Progress of Theoretical Physics Supplement, 2000, 138, 531-532.	0.2	3
17	Quantum Spin Dynamics by Path Integral Centroid Molecular Dynamics Method. Progress of Theoretical Physics Supplement, 2000, 138, 533-534.	0.2	1
18	Path integral centroid molecular dynamics method for Bose and Fermi statistics: formalism and simulation. Chemical Physics Letters, 1999, 307, 187-197.	1.2	18

#	ARTICLE	IF	CITATIONS
19	A path integral centroid molecular dynamics study of nonsuperfluid liquid helium-4. Journal of Chemical Physics, 1999, 110, 4523-4532.	1.2	55
20	Path integral centroid molecular dynamics study of the dynamic structure factors of liquid para-hydrogen. Chemical Physics Letters, 1998, 292, 454-460.	1.2	78
21	Centroid path integral molecular-dynamics studies of a para-hydrogen slab containing a lithium impurity. Journal of Chemical Physics, 1998, 109, 610-617.	1.2	38
22	Centroid path integral molecular dynamics simulation of lithium para-hydrogen clusters. Journal of Chemical Physics, 1997, 106, 1154-1169.	1.2	69
23	Ionic Dynamics of Alkali Chloride Systems in the Supercooled and Glassy States: Analyses of Inherent Structures. Molecular Simulation, 1996, 16, 275-289.	0.9	0
24	Pulsed neutron diffraction study on the structures of glassy $7\text{LiX}\text{CsBaX}_2$ (X=Cl, Br, and I). Journal of Chemical Physics, 1993, 99, 5345-5351.	1.2	6
25	Structures of disordered alkali chlorides in normal and compressed states: An isothermal-isobaric molecular-dynamics study. Physical Review B, 1993, 48, 10097-10109.	1.1	3
26	EXAFS Studies of Zinc Halide Glasses—Mixed Halide Systems. Japanese Journal of Applied Physics, 1993, 32, 661.	0.8	1
27	Collective dynamics of alkali chloride glasses: Molecular dynamics analyses of the dynamic structure factors. Journal of Chemical Physics, 1992, 97, 8581-8595.	1.2	10
28	Glass Formation in Systems Based on $\text{Ag}_x\text{X}_{1-x}$ (X=Cl, Br or I). Journal of the Ceramic Society of Japan, 1992, 100, 233-235.	1.3	4
29	Dynamical properties of an alkali chloride mixture in the glassy and liquid states. Journal of Non-Crystalline Solids, 1992, 150, 281-286.	1.5	4
30	New halide glasses based on systems of CuX (X=Cl, Br, I). Journal of Materials Science Letters, 1991, 10, 21-22.	0.5	1
31	MOLECULAR DYNAMICS SIMULATION OF MIXED ALKALI HALIDE GLASS. , 1991, , 385-388.		0
32	Preparation and vibrational spectroscopy of ZnI_2 -based glasses. Journal of Non-Crystalline Solids, 1990, 116, 33-38.	1.5	9
33	Novel halide glasses based on systems of LiX (X = Cl, Br, I). Journal of Non-Crystalline Solids, 1990, 122, 214-215.	1.5	11
34	Raman spectroscopic study on the structure of ZnCl_2 - ZnX_2 and ZnCl_2 - KX (X = Br, I) glasses. Journal of Non-Crystalline Solids, 1989, 110, 265-272.	1.5	18
35	Molecular dynamics simulations on the hydration of fluoroalcohols. Journal of Chemical Physics, 1988, 89, 5834-5842.	1.2	24