Kunio Fujiwara

List of Publications by Year
in descending order

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17 papers	106 citations	1684188 5 h-index	1372567 10 g-index
17 all docs	17 docs citations	17 times ranked	58 citing authors

#	Article	IF	Citations
1	Thermal conductivity of nanofluids: A comparison of EMD and NEMD calculations. International Journal of Heat and Mass Transfer, 2019, 144, 118695.	4.8	24
2	NMR study of magnetism and superconductivity in high-Tc oxides. IBM Journal of Research and Development, 1989, 33, 277-285.	3.1	18
3	Linear polarization effects in anisotropic photoemission from GaAs/AlAs shortâ€period superlattices. Applied Physics Letters, 1987, 51, 1717-1719.	3.3	13
4	A Molecular Dynamics Study on Wetting Phenomena at a Solid Surface with a Nanometer-Scale Slit Pore. Nanoscale and Microscale Thermophysical Engineering, 2013, 17, 1-9.	2.6	11
5	Local pressure components and interfacial tension at a liquid-solid interface obtained by the perturbative method in the Lennard-Jones system. Journal of Chemical Physics, 2014, 141, 034707.	3.0	8
6	Detection of heat flux at single-atom scale in a liquid-solid interfacial region based on classical molecular dynamics. Applied Physics Letters, 2019, 114, 011601.	3.3	6
7	Local pressure components and interfacial tensions of a liquid film in the vicinity of a solid surface with a nanometer-scale slit pore obtained by the perturbative method. Journal of Chemical Physics, 2015, 142, 094702.	3.0	5
8	Molecular Dynamics Study of Interactions between the Water/ice Interface and a Nanoparticle in the Vicinity of a Solid Surface. Nanoscale and Microscale Thermophysical Engineering, 2020, 24, 53-65.	2.6	5
9	Local mass and energy transports in evaporation processes from a vapor-liquid interface in a slit pore based on molecular dynamics. AIP Advances, 2018, 8, .	1.3	4
10	Structure of the Water Molecule Layer between Ice and Amorphous/Crystalline Surfaces Based on Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2021, 125, 9601-9609.	2.6	4
11	Atomic-scale thermal manipulation with adsorbed atoms on a solid surface at a liquid-solid interface. Scientific Reports, 2019, 9, 13202.	3.3	2
12	Molecular dynamics simulation on effects of nanostructure on interfacial thermal resistance during condensation. Journal of Thermal Science and Technology, 2020, 15, JTST0010-JTST0010.	1.1	2
13	Thermal transport mechanism at a solid-liquid interface based on the heat flux detected at a subatomic spatial resolution. Physical Review E, 2022, 105, 034803.	2.1	2
14	A Molecular Dynamics Study on Wetting Phenomena at a Solid Surface with a Nanometer-Scale Slit Pore. Journal of Nanoscience and Nanotechnology, 2015, 15, 3143-3146.	0.9	1
15	Molecular dynamics study on effects of nanostructured surfaces on heterogeneous nucleation of liquid droplets. Transactions of the JSME (in Japanese), 2018, 84, 17-00409-17-00409.	0.2	1
16	Trivalent Ion Conduction in the Scandium Tungstate-Type Structure. Materials Research Society Symposia Proceedings, 1998, 548, 647.	0.1	0
17	MOLECULAR DYNAMICS STUDY ON EFFECT OF STRUCTURE ON NUCLEATION OF WATER DROPLETS. , 2018, , .		0