

Kunio Fujiwara

List of Publications by Year in descending order

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Version: 2024-02-01

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