

Changho Kim

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

618
citations

759233

12
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Dynamics Studies of the Melting Kinetics of Superheated Crystals. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4199-4208.	3.1	2
2	Projection method for the fluctuating hydrodynamics equations. <i>Journal of Computational Physics</i> , 2022, 463, 111288.	3.8	1
3	External validation of multimodal termination of resuscitation rules for out-of-hospital cardiac arrest patients in the COVID-19 era. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021, 29, 19.	2.6	3
4	The impact of age and receipt antihypertensives to systolic blood pressure and shock index at injury scene and in the emergency department to predict massive transfusion in trauma patients. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021, 29, 26.	2.6	4
5	Dual Clarithromycin and Metronidazole Resistance Is the Main Cause of Failure in Ultimate <i>Helicobacter pylori&/i>&/b>; Eradication. <i>Digestive Diseases</i> , 2021, 39, 451-461.	1.9	9
6	Energy Component Analysis of Electric Field-Induced Shape Change in Water Nanodroplets. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6933-6944.	3.1	5
7	Nonuniqueness of fluctuating momentum in coarse-grained systems. <i>Physical Review E</i> , 2021, 104, 015304.	2.1	2
8	Preparedness of personal protective equipment and implementation of new CPR strategies for patients with out-of-hospital cardiac arrest in the COVID-19 era. <i>Resuscitation Plus</i> , 2020, 3, 100015.	1.7	22
9	Water Slippage on Graphitic and Metallic Surfaces: Impact of the Surface Packing Structure and Electron Density Tail. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11392-11400.	3.1	6
10	Appendectomy in patient with suspected COVID-19 with negative COVID-19 results: A case report. <i>World Journal of Clinical Cases</i> , 2020, 8, 1944-1949.	0.8	4
11	Revised Triage and Surveillance Protocols for Temporary Emergency Department Closures in Tertiary Hospitals as a Response to COVID-19 Crisis in Daegu Metropolitan City. <i>Journal of Korean Medical Science</i> , 2020, 35, e189.	2.5	45
12	Confirmation of COVID-19 in Out-of-Hospital Cardiac Arrest Patients and Postmortem Management in the Emergency Department during the COVID-19 Outbreak. <i>Infection and Chemotherapy</i> , 2020, 52, 562.	2.3	7
13	Spontaneous Intracerebral Hemorrhage in a Patient with Asymptomatic 2019 Novel Coronavirus		

#	ARTICLE	IF	CITATIONS
19	Fluctuating hydrodynamics of reactive liquid mixtures. Journal of Chemical Physics, 2018, 149, 084113.	3.0	11
20	Nature of intrinsic uncertainties in equilibrium molecular dynamics estimation of shear viscosity for simple and complex fluids. Journal of Chemical Physics, 2018, 149, 044510.	3.0	30
21	Stochastic simulation of reaction-diffusion systems: A fluctuating-hydrodynamics approach. Journal of Chemical Physics, 2017, 146, 124110.	3.0	35
22	Nature of self-diffusion in two-dimensional fluids. New Journal of Physics, 2017, 19, 123038.	2.9	7
23	111 years of Brownian motion. Soft Matter, 2016, 12, 6331-6346.	2.7	129
24	Brownian Motion of a Rayleigh Particle Confined in a Channel: A Generalized Langevin Equation Approach. Journal of Statistical Physics, 2015, 158, 1100-1125.	1.2	5
25	Quantification of sampling uncertainty for molecular dynamics simulation: Time-dependent diffusion coefficient in simple fluids. Journal of Computational Physics, 2015, 302, 485-508.	3.8	29
26	Dissipative Particle Dynamics, Overview. , 2015, , 1-8.		1
27	Time Correlation Functions of Brownian Motion and Evaluation of Friction Coefficient in the Near-Brownian-Limit Regime. Multiscale Modeling and Simulation, 2014, 12, 225-248.	1.6	2
28	Microscopic theory of Brownian motion revisited: The Rayleigh model. Physical Review E, 2013, 87, .	2.1	3
29	Thermodynamics of d -dimensional hard sphere fluids confined to micropores. Journal of Chemical Physics, 2011, 134, 114502.	3.0	9
30	Brownian motion from molecular dynamics. Chemical Physics, 2010, 375, 316-326.	1.9	69
31	Rate description of Fokker-Planck processes with time-periodic parameters. Chemical Physics, 2010, 370, 277-289.	1.9	18
32	Wall-mediated self-diffusion in slit and cylindrical pores. Physical Review E, 2008, 77, 031202.	2.1	9
33	Numerical method for solving stochastic differential equations with Poissonian white shot noise. Physical Review E, 2007, 76, 011109.	2.1	32
34	Numerical method for solving stochastic differential equations with dichotomous noise. Physical Review E, 2006, 73, 026101.	2.1	38
35	A general scheme for studying the stochastic dynamics of a parametric oscillator driven by coloured noise. Journal of Physics A, 2004, 37, 647-656.	1.6	3
36	Qubit Geometry and Conformal Mapping. Quantum Information Processing, 2002, 1, 129-134.	2.2	12