Hideki Kobayashi

List of Publications by Year
in descending order

14	292	1163117 8	1058476 14
papers	citations	h-index	g-index

14	14	14	326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparing equilibration schemes of high-molecular-weight polymer melts with topological indicators. Journal of Physics Condensed Matter, 2021, 33, 204003.	1.8	7
2	Efficient Bayesian inference of fully stochastic epidemiological models with applications to COVID-19. Royal Society Open Science, 2021, 8, 211065.	2.4	3
3	Critical point for demixing of binary hard spheres. Physical Review E, 2021, 104, 044603.	2.1	3
4	Correction of coarse-graining errors by a two-level method: Application to the Asakura-Oosawa model. Journal of Chemical Physics, 2019, 151, 144108.	3.0	8
5	ESPResSo++ 2.0: Advanced methods for multiscale molecular simulation. Computer Physics Communications, 2019, 238, 66-76.	7.5	30
6	Polymer Conformations in Ionic Microgels in the Presence of Salt: Theoretical and Mesoscale Simulation Results. Polymers, 2017, 9, 15.	4.5	38
7	Internal dynamics of microgels: A mesoscale hydrodynamic simulation study. Journal of Chemical Physics, 2016, 145, 244902.	3.0	24
8	Universal conformational properties of polymers in ionic nanogels. Scientific Reports, 2016, 6, 19836.	3.3	42
9	Rheological evaluation of colloidal dispersions using the smoothed profile method: formulation and applications. Journal of Fluid Mechanics, 2016, 792, 590-619.	3.4	20
10	Structure of Microgels with Debyeâ€“HÃ¼ckel Interactions. Polymers, 2014, 6, 1602-1617.	4.5	59
11	Development of the Simulator for the Phase Separated Structure of Spherical Filler and Binary Polymer Blended System. Nippon Gomu Kyokaishi, 2013, 86, 222-226.	0.0	2
12	Reentrant transition in the shear viscosity of dilute rigid-rod dispersions. Physical Review E, 2011, 84, 051404.	2.1	7
13	Implementation of Leesâ€“Edwards periodic boundary conditions for direct numerical simulations of particle dispersions under shear flow. Journal of Chemical Physics, 2011, 134, 064110.	3.0	25
14	Tumbling motion of a single chain in shear flow: A crossover from Brownian to non-Brownian behavior. Physical Review E, 2010, 81, 041807.	2.1	24