

Bo-Kai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

74
citations

1684188

5
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of polymer diffusion in polymer-nanoparticle mixtures: effect of nanoparticle concentration and polymer length. <i>Soft Matter</i> , 2021, 17, 4632-4642.	2.7	3
2	Glassy dynamics of model colloidal polymers: Effect of controlled chain stiffness*. <i>Chinese Physics B</i> , 2021, 30, 036104.	1.4	0
3	An effective and efficient model of the near-field hydrodynamic interactions for active suspensions of bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	7
4	Extracting multi-way chromatin contacts from Hi-C data. <i>PLoS Computational Biology</i> , 2021, 17, e1009669.	3.2	17
5	Effect of chain length on structure and dynamics in a melt of semiflexible rings. <i>Europhysics Letters</i> , 2020, 130, 56001.	2.0	5
6	Metabasin dynamics of supercooled polymer melt. <i>Chinese Physics B</i> , 2019, 28, 126101.	1.4	2
7	A New Self-Consistent Field Model of Polymer/Nanoparticle Mixture. <i>Scientific Reports</i> , 2016, 6, 20355.	3.3	10
8	The unique role of bond length in the glassy dynamics of colloidal polymers. <i>Soft Matter</i> , 2016, 12, 8104-8111.	2.7	6
9	Transport coefficients and mechanical response in hard-disk colloidal suspensions. <i>Chinese Physics B</i> , 2016, 25, 116101.	1.4	1
10	Glassy dynamics of model colloidal polymers: The effect of monomer-size. <i>Journal of Chemical Physics</i> , 2016, 144, 204509.	3.0	2
11	Brush in the bath of active particles: Anomalous stretching of chains and distribution of particles. <i>Journal of Chemical Physics</i> , 2015, 143, 224903.	3.0	19
12	Theory of activated dynamics and glass transition of hard colloids in two dimensions. <i>Journal of Chemical Physics</i> , 2014, 140, 094506.	3.0	2