

Jin Suk Myung

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

154
citations

1478505

6
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Dramatic influence of patchy attractions on short-time protein diffusion under crowded conditions. <i>Science Advances</i> , 2016, 2, e1601432.	10.3	55
2	Self-Organized Structures of Attractive End-Functionalized Semiflexible Polymer Suspensions. <i>Macromolecules</i> , 2014, 47, 4118-4125.	4.8	23
3	A review on particle dynamics simulation techniques for colloidal dispersions: Methods and applications. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 3069-3078.	2.7	18
4	Weak Shape Anisotropy Leads to a Nonmonotonic Contribution to Crowding, Impacting Protein Dynamics under Physiologically Relevant Conditions. <i>Journal of Physical Chemistry B</i> , 2018, 122, 12396-12402.	2.6	15
5	Self-organization in suspensions of end-functionalized semiflexible polymers under shear flow. <i>Journal of Chemical Physics</i> , 2015, 143, 243117.	3.0	12
6	Surface plasmonic resonance tunable nanocomposite thin films applicable to color filters, heat mirrors, semi-transparent electrodes, and electromagnetic-shields. <i>Nanoscale</i> , 2021, 13, 12260-12270.	5.6	9
7	Dynamics of model-stabilized colloidal suspensions in confined Couette flow. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2013, 199, 29-36.	2.4	7
8	DNA Self-Assembly Mediated by Programmable Soft-Patchy Interactions. <i>ACS Nano</i> , 2020, 14, 13524-13535.	14.6	6
9	Brownian dynamics simulation on orthogonal superposition rheology: Time- $\dot{\gamma}$ shear rate superposition of colloidal gel. <i>Journal of Rheology</i> , 2021, 65, 337-354.	2.6	6
10	Self-consistent particle simulation of model-stabilized colloidal suspensions. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2011, 166, 1183-1189.	2.4	3