

Hyun Woo Cho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10735218/publications.pdf>

Version: 2024-02-01

16
papers

209
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Random First Order Transition Theory for Glassy Dynamics in a Single Condensed Polymer. <i>Physical Review Letters</i> , 2021, 126, 137801.	7.8	5
2	Tracer Diffusion in Tightly-Meshed Homogeneous Polymer Networks: A Brownian Dynamics Simulation Study. <i>Polymers</i> , 2020, 12, 2067.	4.5	21
3	Fragile-to-strong crossover, growing length scales, and dynamic heterogeneity in Wigner glasses. <i>Physical Review E</i> , 2020, 101, 032605.	2.1	4
4	The breakdown of the local thermal equilibrium approximation for a polymer chain during packaging. <i>Journal of Chemical Physics</i> , 2019, 150, 204901.	3.0	6
5	Non-universality of the dynamic exponent in two-dimensional random media. <i>Scientific Reports</i> , 2019, 9, 251.	3.3	3
6	The glass transition and interfacial dynamics of single strand fibers of polymers. <i>Soft Matter</i> , 2017, 13, 1190-1199.	2.7	13
7	Fractional Viscosity Dependence of Reaction Kinetics in Glass-Forming Liquids. <i>Physical Review Letters</i> , 2017, 119, 087801.	7.8	10
8	The spatial arrangement of a single nanoparticle in a thin polymer film and its effect on the nanoparticle diffusion. <i>Soft Matter</i> , 2017, 13, 5897-5904.	2.7	8
9	Conductive network formation of carbon nanotubes in elastic polymer microfibers and its effect on the electrical conductance: Experiment and simulation. <i>Journal of Chemical Physics</i> , 2016, 144, 194903.	3.0	11
10	Effects of shape and flexibility of conductive fillers in nanocomposites on percolating network formation and electrical conductivity. <i>Physical Review E</i> , 2016, 93, 032501.	2.1	28
11	Translational and rotational diffusion of a single nanorod in unentangled polymer melts. <i>Physical Review E</i> , 2015, 92, 042601.	2.1	11
12	Effects of size and interparticle interaction of silica nanoparticles on dispersion and electrical conductivity of silver/epoxy nanocomposites. <i>Journal of Applied Physics</i> , 2014, 115, 154307.	2.5	21
13	Non-Gaussian rotational diffusion in heterogeneous media. <i>Physical Review E</i> , 2014, 90, 042105.	2.1	10
14	Monte Carlo Simulation Studies on the Effect of Entropic Attraction on the Electric Conductivity in Polymer Nano-Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 5103-5108.	0.9	2
15	Effect of Polydispersity on Diffusion in Random Obstacle Matrices. <i>Physical Review Letters</i> , 2012, 109, 155901.	7.8	21
16	Effects of silica particles on the electrical percolation threshold and thermomechanical properties of epoxy/silver nanocomposites. <i>Applied Physics Letters</i> , 2011, 99, 043104.	3.3	30