

Michael Karbach

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

130
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical response to tension and torque of molecular chains via statistically interacting particles associated with extension, contraction, twist, and supercoiling. <i>Physical Review E</i> , 2022, 105, .	2.1	0
2	Molecular chains under tension: Thermal and mechanical activation of statistically interacting extension and contraction particles. <i>Physical Review E</i> , 2020, 101, 022504.	2.1	5
3	Coil-helix transition of polypeptide at water-lipid interface. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P01034.	2.3	10
4	Disks in a narrow channel jammed by gravity and centrifuge: profiles of pressure, mass density and entropy density. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P04008.	2.3	9
5	Statistically interacting vacancy particles. <i>Physical Review E</i> , 2014, 89, 012137.	2.1	11
6	Jammed disks in a narrow channel: criticality and ordering tendencies. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P04018.	2.3	12
7	Generalized Pauli principle for particles with distinguishable traits. <i>Physical Review E</i> , 2012, 85, 011144.	2.1	17
8	Taxonomy of particles in Ising spin chains. <i>Physical Review E</i> , 2011, 84, 021136.	2.1	18
9	Statistically interacting quasiparticles in Ising chains. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 265003.	2.1	10
10	Thermodynamics of ideal quantum gas with fractional statistics in D dimensions. <i>Physical Review E</i> , 2007, 75, 061120.	2.1	22
11	Thermodynamics of a statistically interacting quantum gas in D dimensions. <i>Physical Review E</i> , 2007, 76, 061112.	2.1	16