

Maksym Byshkin

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

167
citations

1039880

9
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid particle-field molecular dynamics under constant pressure. <i>Journal of Chemical Physics</i> , 2020, 152, 184908.	1.2	15
2	Simulation of self-heating process on the nanoscale: a multiscale approach for molecular models of nanocomposite materials. <i>Nanoscale Advances</i> , 2020, 2, 3164-3180.	2.2	15
3	Patent citation network analysis: A perspective from descriptive statistics and ERGMs. <i>PLoS ONE</i> , 2020, 15, e0241797.	1.1	18
4	Fast Maximum Likelihood Estimation via Equilibrium Expectation for Large Network Data. <i>Scientific Reports</i> , 2018, 8, 11509.	1.6	14
5	Auxiliary Parameter MCMC for Exponential Random Graph Models. <i>Journal of Statistical Physics</i> , 2016, 165, 740-754.	0.5	16
6	Self-assembly of carbon nanotubes in polymer melts: simulation of structural and electrical behaviour by hybrid particle-field molecular dynamics. <i>Nanoscale</i> , 2016, 8, 15538-15552.	2.8	37
7	A unified bottom up multiscale strategy to model gas sensors based on conductive polymers. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 42-51.	4.0	12
8	A united event grand canonical Monte Carlo study of partially doped polyaniline. <i>Journal of Chemical Physics</i> , 2013, 139, 244906.	1.2	6
9	The effect of encapsulation in carbon nanotubes on properties of Fe-Ni nanoalloys with cubic and helical structures. <i>Journal of Materials Science</i> , 2013, 48, 866-875.	1.7	1
10	Phase transformations and segregation in Fe-Ni alloys and nanoalloys. <i>Journal of Materials Science</i> , 2012, 47, 5784-5793.	1.7	16
11	Bond-coordination lattice model for phase transformations in carbon. <i>Diamond and Related Materials</i> , 2011, 20, 1310-1314.	1.8	2
12	MD simulation of phase transformations in liquid carbon. <i>Diamond and Related Materials</i> , 2010, 19, 1058-1064.	1.8	2
13	A new method for the calculation of the conductivity of inhomogeneous systems. <i>Journal of Physics A</i> , 2005, 38, 5057-5067.	1.6	13