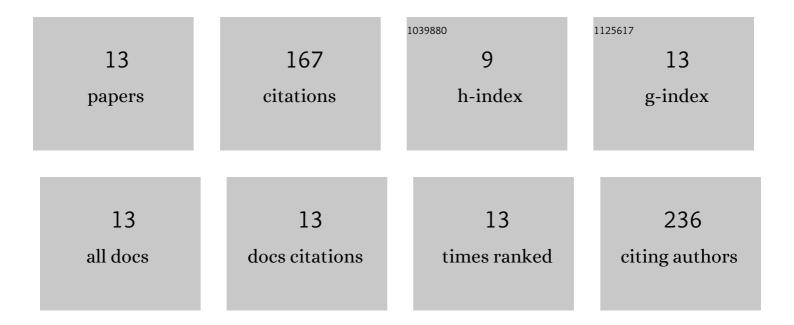
## Maksym Byshkin

List of Publications by Year in descending order

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Version: 2024-02-01



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