

Ivan Lyubimov

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

533
citations

1040056

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h-index

1372567

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10
all docs

10
docs citations

10
times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable molecular orientation and elevated thermal stability of vapor-deposited organic semiconductors. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4227-4232.	7.1	188
2	Model vapor-deposited glasses: Growth front and composition effects. Journal of Chemical Physics, 2013, 139, 144505.	3.0	79
3	Orientational anisotropy in simulated vapor-deposited molecular glasses. Journal of Chemical Physics, 2015, 143, 094502.	3.0	59
4	Molecular Dynamics Simulation and PRISM Theory Study of Assembly in Solutions of Amphiphilic Bottlebrush Block Copolymers. Macromolecules, 2018, 51, 7586-7599.	4.8	54
5	Age and structure of a model vapour-deposited glass. Nature Communications, 2016, 7, 13062.	12.8	39
6	Molecular modeling of vapor-deposited polymer glasses. Journal of Chemical Physics, 2014, 140, 204504.	3.0	32
7	Inherent structure energy is a good indicator of molecular mobility in glasses. Soft Matter, 2016, 12, 5898-5904.	2.7	28
8	PRISM Theory Study of Amphiphilic Block Copolymer Solutions with Varying Copolymer Sequence and Composition. Macromolecules, 2017, 50, 7419-7431.	4.8	25
9	Influence of Vapor Deposition on Structural and Charge Transport Properties of Ethylbenzene Films. ACS Central Science, 2017, 3, 415-424.	11.3	21
10	Molecular dynamics simulations and PRISM theory study of solutions of nanoparticles and triblock copolymers with solvophobic end blocks. Molecular Systems Design and Engineering, 2018, 3, 453-472.	3.4	8