

Vasilii F Fefelov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2668331/publications.pdf>

Version: 2024-02-01

11
papers

98
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

46
citing authors

#	ARTICLE	IF	CITATIONS
1	SuSMoST: Surface Science Modeling and Simulation Toolkit. Journal of Computational Chemistry, 2020, 41, 2084-2097.	3.3	11
2	Complete analysis of phase diversity of the simplest adsorption model of a binary gas mixture for all sets of undirected interactions between nearest neighbors. Adsorption, 2019, 25, 545-554.	3.0	6
3	Phase diversity in an adsorption model of an additive binary gas mixture for all sets of lateral interactions. Physical Chemistry Chemical Physics, 2018, 20, 10359-10368.	2.8	11
4	Remnants of the devil's staircase of phase transitions in the model of dimer adsorption at nonzero temperature. Physical Review B, 2018, 97, .	3.2	5
5	Complex investigation of influence of lateral interaction energies, activation energy and temperature on surface chemical reactions. AIP Conference Proceedings, 2017, , .	0.4	0
6	Monte Carlo study of adsorption of additive gas mixture. Adsorption, 2016, 22, 673-680.	3.0	12
7	Effect of nonmonotonic changing of surface coverage in multisite adsorption models with possibility of different orientations of molecules with respect to solid surface. Protection of Metals and Physical Chemistry of Surfaces, 2013, 49, 379-385.	1.1	5
8	Devil's staircase behavior of a dimer adsorption model. Adsorption, 2013, 19, 495-499.	3.0	9
9	Adsorption of triangular-shaped molecules with directional nearest-neighbor interactions on a triangular lattice. Adsorption, 2013, 19, 571-580.	3.0	15
10	Model of homonuclear dimer adsorption in terms of two possible molecule orientations with respect to surface: Square lattice. Physical Review E, 2010, 82, 041602.	2.1	7
11	The simplest self-assembled monolayer model with different orientations of complex organic molecules. Monte Carlo and transfer-matrix techniques. Chemical Engineering Journal, 2009, 154, 107-114.	12.7	17