Pavel V Stishenko

List of Publications by Year
in descending order

22	178	1170033 9	1255698 13
papers	citations	h-index	g-index

25	25	25	164
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface hydrogenation of oxygen terminated MXenes M2CO2 (MÂ=ÂTi, V, Nb). Surface Science, 2022, 717, 121984.	0.8	1
2	Metal-organic coordination networks on a titanium carbide MXene: DFT based grand canonical Monte Carlo simulation. Applied Surface Science, 2022, 598, 153834.	3.1	6
3	Melting of Fe-terephthalate layers on Cu(1 0 0) surface with randomly distributed point defects. Applied Surface Science, 2021, 545, 148989.	3.1	11
4	Homologous Series of Flower Phases in Metalâ€“Organic Networks on Au(111) Surface. Journal of Physical Chemistry C, 2020, 124, 11506-11515.	1.5	18
5	SuSMoST: Surface Science Modeling and Simulation Toolkit. Journal of Computational Chemistry, 2020, 41, 2084-2097.	1.5	11
6	2â€Carboxyethylgermanium Sesquioxide as A Promising Anode Material for Liâ€Ion Batteries. ChemSusChem, 2020, 13, 3137-3146.	3.6	14
7	Tensor renormalization group study of hard-disk models on a triangular lattice. Physical Review E, 2019, 100, 022108.	0.8	13
8	Investigate of lateral interactions between ammonia molecules adsorbed on a V3C2 MXenes sheet of DFT study and statistical physics. AIP Conference Proceedings, 2019, , .	0.3	2
9	Model of Fe-Terephthalate Ordering on Cu(100). Journal of Physical Chemistry C, 2019, 123, 17265-17272.	1.5	15
10	Remnants of the devil's staircase of phase transitions in the model of dimer adsorption at nonzero temperature. Physical Review B, 2018, 97, .	1.1	5
11	Modeling of self-assembling monolayer of terephthalic acid and iron on the copper surface: Intermolecular interactions and the ground state. AIP Conference Proceedings, 2018, , .	0.3	1
12	Qualitative DFT study of lateral interactions between nitrogen molecules adsorbed on a V3C2 MXene sheet. AIP Conference Proceedings, 2018, , .	0.3	2
13	A systematic computational study of the structure crossover and coordination number distribution of metallic nanoparticles. Physical Chemistry Chemical Physics, 2017, 19, 17895-17903.	1.3	20
14	Computer simulation of formation and decomposition of Au13 nanoparticles. AIP Conference Proceedings, 2017, , .	0.3	0
15	Interaction of accelerated argon cluster ions with a silicon dioxide surface. AIP Conference Proceedings, 2017, , .	0.3	6
16	Distribution of Active Site Types on Au Nanoparticles with Different Structures: Study of Thermal Dependence. Procedia Engineering, 2016, 152, 67-72.	1.2	3
17	Generalized lattice-gas model for adsorption of functional organic molecules in terms of pair directional interactions. Physical Review E, 2016, 93, 062804.	0.8	11
18	Monte Carlo study of adsorption of additive gas mixture. Adsorption, 2016, 22, 673-680.	1.4	12

#	Article	IF	Citations
19	The Statistical Modeling of the Platinum Nanoparticles in the Transition Area from the Five-fold Symmetry Structure to the Crystal Lattice. Procedia Engineering, 2015, 113, 429-434.	1.2	3
20	Potential of lateral interactions of CO on Pt (111) fitted to recent STM images. Surface Science, 2015, 642, 51-57.	0.8	9
21	Relative stability of icosahedral and cuboctahedral metallic nanoparticles. Adsorption, 2013, 19, 795-801.	1.4	11
22	Monte Carlo model of CO adsorption on supported Pt nanoparticle. Applied Surface Science, 2010, 256, 5376-5380.	3.1	4