

Vladimir V Zitserman

List of Publications by Year in descending order

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12
papers

421
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Drift of particles caused by fluctuations of their sizes. JETP Letters, 2017, 105, 335-340.	1.4	6
2	Biased diffusion in tubes of alternating diameter: Numerical study over a wide range of biasing force. Journal of Chemical Physics, 2015, 143, 174102.	3.0	1
3	Time-dependent diffusion in tubes with periodic partitions. Journal of Chemical Physics, 2009, 131, 104705.	3.0	41
4	Diffusion in quasi-one-dimensional structures with a periodic sharp narrowing of the cross section. Russian Journal of Physical Chemistry B, 2009, 3, 313-319.	1.3	9
5	Particle size effect on diffusion in tubes with dead ends: Nonmonotonic size dependence of effective diffusion constant. Journal of Chemical Physics, 2008, 129, 184706.	3.0	16
6	Transient diffusion in a tube with dead ends. Journal of Chemical Physics, 2007, 127, 224712.	3.0	41
7	The kinetics of overcoming the "entropy barrier". Russian Journal of Physical Chemistry A, 2006, 80, 77-83.	0.6	1
8	The trapping of diffusing particles by absorbing surface centers. Russian Journal of Physical Chemistry A, 2006, 80, 1129-1134.	0.6	1
9	Escape from a cavity through a small window: Turnover of the rate as a function of friction constant. Journal of Chemical Physics, 2006, 125, 194501.	3.0	6
10	Homogenization of boundary conditions on surfaces randomly covered by patches of different sizes and shapes. Journal of Chemical Physics, 2005, 122, 236102.	3.0	41
11	Boundary homogenization for trapping by patchy surfaces. Journal of Chemical Physics, 2004, 121, 11390.	3.0	109
12	Kinetics of escape through a small hole. Journal of Chemical Physics, 2002, 116, 9574-9577.	3.0	149