

Alex Vasilev

List of Publications by Year in descending order

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18
papers

67
citations

2258059

3
h-index

1588992

8
g-index

18
all docs

18
docs citations

18
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics Beyond Physics: Application of Physical Approaches in Quantitative Linguistics. Ukrainian Journal of Physics, 2020, 65, 143.	0.2	1
2	Modeling the nerve impulse transmission in a synaptic cleft. Journal of Physical Studies, 2019, 23, .	0.5	2
3	Peculiarities of Bacterial Chemotaxis in a Cylindrical Pore. Ukrainian Journal of Physics, 2019, 64, 137.	0.2	1
4	A Pool Model of the Mediator Exocytosis into the Synapse. Ukrainian Journal of Physics, 2019, 64, 829.	0.2	1
5	Analytical Approach for Calculating the Chemotaxis Sensitivity Function. Ukrainian Journal of Physics, 2018, 63, 255.	0.2	3
6	Nonlinear Model of Calcium Excitations in Biomembranes. Ukrainian Journal of Physics, 2018, 63, 327.	0.2	0
7	Model of Postsynaptic Membrane Deactivation. Ukrainian Journal of Physics, 2018, 63, 919.	0.2	1
8	About "exotic" problems of physics, Winnie the Pooh and Zipf's law. Journal of Physical Studies, 2013, 17, .	0.5	2
9	Modeling of postsynaptic membrane activation. Journal of Physical Studies, 2012, 16, .	0.5	3
10	Density distribution of a binary liquid in a cylindrical pore under the action of external field. High Temperature, 2011, 49, 63-67.	1.0	1
11	Influence of magnetic field on the director profile in nematic layer with curved surface. Crystallography Reports, 2010, 55, 300-304.	0.6	0
12	Double-pool kinetic model of synapse activation. Journal of Physical Studies, 2010, 14, .	0.5	2
13	Characteristic features of the critical behavior of a finite-size system of complex geometry. High Temperature, 2006, 44, 115-119.	1.0	0
14	Nematic director response in ferronematic cells. Europhysics Letters, 2006, 73, 408-414.	2.0	47
15	Peculiarities of critical light opalescence in a spatially limited multicomponent system. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2005, 98, 884-888.	0.6	1
16	Correlations in the director-orientation fluctuations in the presence of microscopic impurities in a nematic liquid crystal. JETP Letters, 2004, 80, 326-329.	1.4	0
17	A Multicomponent Fluid System in the Critical Region in the Presence of Spatial Confinement. High Temperature, 2004, 42, 652-655.	1.0	0
18	Critical phenomena in finite-size binary liquid mixtures with reduced geometry. Journal of Molecular Liquids, 2001, 93, 127-130.	4.9	2