

# Vladislav P Evstigneev

## List of Publications by Year in descending order

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32  
papers

270  
citations

933410

10  
h-index

940516

16  
g-index

35  
all docs

35  
docs citations

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times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	AGENT-BASED MODELLING OF SOCIETAL CONSOLIDATION DYNAMICS USING INTERNET CONTENT CYBER-METRICS ALGORITHMS. , 2021, , 25-30.	0.1	1
2	Seasonal blooms of the dinoflagellate algae Noctiluca scintillans: Regional and global scale aspects. Regional Studies in Marine Science, 2021, 44, 101771.	0.7	7
3	Parametric Optimization of Combined Wind-Solar Energy Power Plants for Sustainable Smart City Development. Applied Sciences (Switzerland), 2021, 11, 10351.	2.5	4
4	Intense Cyclones in the Black Sea Region: Change, Variability, Predictability and Manifestations in the Storm Activity. Sustainability, 2020, 12, 4468.	3.2	9
5	Spatial variability of fouling macroflora of hydraulic structures in various regions of the crimean Black Sea coast. Water and Ecology, 2020, 26, 67-78.	0.3	2
6	The theory of interceptor-protector action of DNA binding drugs. Progress in Biophysics and Molecular Biology, 2019, 149, 131-146.	2.9	4
7	Hetero-association models of non-covalent molecular complexation. Physical Chemistry Chemical Physics, 2019, 21, 7717-7731.	2.8	10
8	General up-scaled model of ligand binding with C60 fullerene clusters in aqueous solution. Chemical Physics Letters, 2019, 721, 22-26.	2.6	10
9	STRUCTURAL AND FUNCTIONAL CHARACTERISTICS OF THE BLACK SEA MACROPHYTOBENTHOS IN REGIONS WITH DIFFERENT WIND-WAVE CONDITIONS. Water and Ecology, 2019, 2, 82-91.	0.3	0
10	Calculation of Precipitation Layer as a Water Balance Component of the Sea of Azov. Russian Meteorology and Hydrology, 2018, 43, 520-529.	1.3	1
11	Comparison of spatial distribution and seasonal variation of the bioluminescence and chlorophyll-a concentration fields in the northern part of the Black Sea. , 2018, , .		2
12	SEASONAL, INTERANNUAL AND SPATIAL VARIABILITY OF BIOLUMINESCENCE FIELD IN THE NORTHERN BLACK SEA REGION. , 2018, , .		0
13	Bioluminescence field of the Black Sea as indicator of Dinophyta aggregation, its seasonal and interannual dynamics. , 2017, , .		1
14	Physiographic factors of seasonal distribution of linear trends in air temperature on the Azov-Black sea coast. Russian Meteorology and Hydrology, 2016, 41, 19-27.	1.3	3
15	Optimal experiment design: Link between the concentration and the accuracy of estimation of aggregation parameters. Chemical Physics Letters, 2016, 664, 133-137.	2.6	0
16	Interrelation of Entropic Contributors to $\pi$ - $\pi$ -Stacking in Solution. International Journal of Thermophysics, 2016, 37, 1.	2.1	1
17	Low-frequency variability of storms in the northern Black Sea and associated processes in the ocean-atmosphere system. Regional Environmental Change, 2014, 14, 1861-1871.	2.9	14
18	Theoretical Description of Metabolism Using Queueing Theory. Bulletin of Mathematical Biology, 2014, 76, 2238-2248.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Indistinguishability of the models of molecular self-assembly. <i>Supramolecular Chemistry</i> , 2013, 25, 199-203.	1.2	15
20	On the reliability of quantitation of biological effect in drug–“interceptor”–DNA systems. <i>European Biophysics Journal</i> , 2013, 42, 315-319.	2.2	4
21	General statistical-thermodynamical treatment of one-dimensional multicomponent molecular hetero-assembly in solution. <i>Chemical Physics</i> , 2013, 421, 77-83.	1.9	11
22	Random versus sequential pathway of molecular self-assembly. <i>Physical Review E</i> , 2012, 85, 061405.	2.1	13
23	Quantification of the interceptor action of caffeine on the <i>in vitro</i> biological effect of the anti-tumour agent topotecan. <i>European Biophysics Journal</i> , 2011, 40, 969-980.	2.2	15
24	Complete solution of the problem of one-dimensional non-covalent non-cooperative self-assembly in two-component systems. <i>Journal of Chemical Physics</i> , 2011, 134, 194902.	3.0	19
25	Quantitation of the molecular mechanisms of biological synergism in a mixture of DNA-acting aromatic drugs. <i>Biophysical Chemistry</i> , 2008, 132, 148-158.	2.8	21
26	A method for analysis of multicomponent systems of interacting aromatic molecules in solution. <i>Journal of Chemical Physics</i> , 2007, 127, 154511.	3.0	14
27	Interaction between aromatic antibiotics and vitamins: <sup>1</sup> H NMR study of heteroassociation of nicotinamide and anthracycline antitumor antibiotics. <i>Biophysics (Russian Federation)</i> , 2006, 51, 176-185.	0.7	3
28	NMR investigation of the effect of caffeine on the hetero-association of an anticancer drug with a vitamin. <i>Chemical Physics Letters</i> , 2006, 432, 248-251.	2.6	22
29	<sup>1</sup> H NMR determination of the self-association of an acridine homodimer and its complexation with ethidium bromide in aqueous solution. <i>Journal of Molecular Structure</i> , 2006, 784, 162-168.	3.6	4
30	Effect of a mixture of caffeine and nicotinamide on the solubility of vitamin (B2) in aqueous solution. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 28, 59-66.	4.0	51
31	Independent components of spatial-temporal structure of chlorophyll a patterns in the upper layer of the north-western shelf of the Black Sea. <i>One Ecosystem</i> , 0, 6, .	0.0	0
32	Bioluminescence of the tropical Indian Ocean: a multiple-scale variation. <i>Luminescence</i> , 0, , .	2.9	2