

# Dmitrii Anatol Evich Tikhonov

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

143  
citations

1307594

7  
h-index

1199594

12  
g-index

24  
all docs

24  
docs citations

24  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal pattern formation, fractals, and chaos in conceptual ecological models as applied to coupled plankton-fish dynamics. <i>Physics-Uspexhi</i> , 2002, 45, 27-57.	2.2	31
2	Chaos and fractals in fish school motion. <i>Chaos, Solitons and Fractals</i> , 2001, 12, 277-288.	5.1	24
3	Title is missing!. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 2000, 4, 135-152.	0.2	18
4	Chaos and fractals in fish school motion, II. <i>Chaos, Solitons and Fractals</i> , 2003, 16, 287-289.	5.1	14
5	Super Secondary Structures of Proteins with Post-Translational Modifications in Colon Cancer. <i>Molecules</i> , 2020, 25, 3144.	3.8	13
6	Hydration of a Bâ€“DNA fragment in the method of atomâ€“atom correlation functions with the reference interaction site model approximation. <i>Journal of Chemical Physics</i> , 1998, 109, 1528-1539.	3.0	8
7	Distinctive H-(RLDL)4-OH peptide complexes potentiate nanostructure self-assembling in water. <i>Doklady Biochemistry and Biophysics</i> , 2012, 443, 96-99.	0.9	7
8	Proteomic and molecular dynamic investigations of PTM-induced structural fluctuations in breast and ovarian cancer. <i>Scientific Reports</i> , 2021, 11, 19318.	3.3	7
9	Use of the Molecular Dynamics Method to Investigate the Stability of Î±-Î±-Corner Structural Motifs in Proteins. <i>Symmetry</i> , 2021, 13, 1193.	2.2	5
10	Estimating the Gibbs energy of hydration from molecular dynamics trajectories obtained by integral equations of the theory of liquids in the RISM approximation. <i>Russian Journal of Physical Chemistry A</i> , 2011, 85, 654-659.	0.6	4
11	Ultrasonic approach to obtaining partial thermodynamic characteristics of solutions. <i>Ultrasonics</i> , 1995, 33, 301-310.	3.9	3
12	Analysis of the areas and perimeters of polygons of the helices projections intersection in helical pairs of protein molecules. <i>Keldysh Institute Preprints</i> , 2018, , 1-24.	0.2	3
13	Online resource for theoretical study of hydration of biopolymers. <i>SAR and QSAR in Environmental Research</i> , 2008, 19, 303-315.	2.2	2
14	Changes in Protein Structural Motifs upon Post-Translational Modification in Kidney Cancer. <i>Diagnostics</i> , 2021, 11, 1836.	2.6	2
15	Emergence of Self-Organized Dynamical Domains in a Ring of Coupled Population Oscillators. <i>Mathematics</i> , 2021, 9, 601.	2.2	1
16	Biogels. On comparison of structure differences in anti-parallel and parallel complexes with syn-layers of the H-(RADA)&lt;sub&gt;4&lt;/sub&gt;-OH peptides.. <i>Keldysh Institute Preprints</i> , 2019, , 1-24.	0.2	1
17	Thermodynamic and structural properties of a fluid with a rectangular well potential. <i>Journal of Structural Chemistry</i> , 1993, 34, 252-258.	1.0	0
18	Methods of the theory of liquids as an efficient approach to the analysis of polar peptide complexes. <i>Doklady Physical Chemistry</i> , 2013, 450, 122-125.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Charge diffusion in homogeneous molecular chains based on the analysis of generalized frequency spectra in the framework of the Holstein model. Keldysh Institute Preprints, 2018, , 1-16.	0.2	0
20	The study of the torsion angles between helical axes in pairs of helices in protein molecules. Keldysh Institute Preprints, 2018, , 1-16.	0.2	0
21	Database of two-helical motifs of protein molecules and computer services for their analysis. Keldysh Institute Preprints, 2018, , 1-16.	0.2	0
22	The Study of Interhelical Angles in Pairs of Helices in Protein Molecules. Keldysh Institute Preprints, 2018, , 1-25.	0.2	0
23	The study of interhelical distances of helical pairs in protein molecules. Keldysh Institute Preprints, 2019, , 1-21.	0.2	0
24	On the correlation of time series in ecology of aquatic systems. Keldysh Institute Preprints, 2019, , 1-17.	0.2	0