

# Andrey Dmitriev

## List of Publications by Year in descending order

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26  
papers

57  
citations

1684188

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h-index

1720034

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28  
all docs

28  
docs citations

28  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical transformations of basic yttrium nitrates during ultrasonic-hydrothermal treatment. Russian Journal of Inorganic Chemistry, 2006, 51, 1689-1695.	1.3	13
2	Identification of Self-Organized Critical State on Twitter Based on the Retweetsâ€™ Time Series Analysis. Complexity, 2021, 2021, 1-12.	1.6	9
3	Self-Organized Criticality on Twitter: Phenomenological Theory and Empirical Investigation Based on Data Analysis Results. Complexity, 2019, 2019, 1-16.	1.6	8
4	Modeling of Microblogging Social Networks: Dynamical System vs. Random Dynamical System. Procedia Computer Science, 2017, 122, 812-819.	2.0	7
5	Complexity of a Microblogging Social Network in the Framework of Modern Nonlinear Science. Complexity, 2018, 2018, 1-11.	1.6	5
6	The Application of Stochastic Bifurcation Theory to the Early Detection of Economic Bubbles. Procedia Computer Science, 2017, 122, 354-361.	2.0	4
7	Investigation into the Regular and Chaotic States of Microblogging Networks as Applied to Social Media Monitoring. , 2016, , .		2
8	A Nonlinear Dynamical Approach to the Interpretation of Microblogging Network Complexity. Studies in Computational Intelligence, 2018, , 390-400.	0.9	2
9	Early Warning Signals for Critical Transitions in Sandpile Cellular Automata. Frontiers in Physics, 2022, 10, .	2.1	2
10	Energy distribution and ion selectivity of the bacterial potassium channel. Biophysics (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.7	1
11	Active media as a physical model of spatiotemporal self-organization in the stock market. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 114-120.	0.6	1
12	A Simple Econophysics Model of the Stock Market as a Nonequilibrium Open System. Lecture Notes in Electrical Engineering, 2019, , 237-243.	0.4	1
13	Application of the Nonlinear Oscillations Theory to the Study of Non-equilibrium Financial Market. Financial Assets and Investing, 2016, 7, 5-19.	0.3	1
14	Three-Parameter Kinetics of Self-organized Criticality on Twitter. Studies in Computational Intelligence, 2020, , 556-565.	0.9	1
15	Effect of the Basis on the Accuracy of Dipole Moment Estimation for Acetanilide. Journal of Structural Chemistry, 2001, 42, 1025-1027.	1.0	0
16	About using the approximate fields to calculate the electrostatic potential distribution of membrane channels. Journal of Structural Chemistry, 2005, 46, 603-607.	1.0	0
17	Separation of long-and short-range interactions in calculations of energy distribution of ions in membrane channels. Journal of Structural Chemistry, 2006, 47, 241-246.	1.0	0
18	Effect of isomerization of amino acid residues on the structure of aquaporin. Journal of Structural Chemistry, 2006, 47, 567-569.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Structure and ion selectivity of the open potential-dependent potassium channel. Journal of Structural Chemistry, 2007, 48, 170-172.	1.0	0
20	Modeling of ligands for native and chiral modified NMDA receptor NR1-binding core. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2008, 2, 343-345.	0.4	0
21	Double Layer Interval Graph Model: The Universal Tool for Data Driven Market Analysis and Forecasting. Procedia Computer Science, 2015, 55, 1165-1173.	2.0	0
22	Network Evolution Modeling under Conditions of Change in the Data Exchange Rate. , 2016, , .		0
23	Nonlinear random dynamical model for the stock market. Journal of Physics: Conference Series, 2019, 1298, 012009.	0.4	0
24	Optimization of pathology diagnosis by applying chaos theory and fractal analysis to EEG-signal processing. Journal of Physics: Conference Series, 2019, 1298, 012015.	0.4	0
25	The Nonlinear Differential Dynamics of Interdependent Branches of Industry. , 2015, , .		0
26	Investigation into the Regular and Chaotic States of Twitter. Discontinuity, Nonlinearity, and Complexity, 2018, 7, 403-411.	0.2	0