

# Yaroslav Vyklyuk

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

170  
citations

1163117

8  
h-index

1125743

13  
g-index

24  
all docs

24  
docs citations

24  
times ranked

116  
citing authors

#	ARTICLE	IF	CITATIONS
1	BRICS Capital Markets Co-Movement Analysis and Forecasting. <i>Risks</i> , 2022, 10, 88.	2.4	7
2	The Conditionality of Outdoor Sports Events on Weather-Induced Impacts and Possible Solution. <i>Journal of Hospitality and Tourism Research</i> , 2021, 45, 1303-1323.	2.9	3
3	Modeling and analysis of different scenarios for the spread of COVID-19 by using the modified multi-agent systems – Evidence from the selected countries. <i>Results in Physics</i> , 2021, 20, 103662.	4.1	27
4	Prediction of tropospheric ozone concentration using artificial neural networks at traffic and background urban locations in Novi Sad, Serbia. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 84.	2.7	4
5	Neural network forecasting in prediction Sharpe ratio: Evidence from EU debt market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 542, 123331.	2.6	24
6	Connection of Solar Activities and Forest Fires in 2018: Events in the USA (California), Portugal and Greece. <i>Sustainability</i> , 2020, 12, 10261.	3.2	4
7	Cryptocurrencies chaotic movement forecasting with neural networks. <i>Internet Technology Letters</i> , 2020, 3, e157.	1.9	22
8	Methods for calculation the spatial distribution of the territory membership to the urbanized based on the hybrid neural network. <i>Journal of the Geographical Institute Jovan Cvijic SASA</i> , 2020, 70, 115-128.	1.0	0
9	Space weather and hurricanes Irma, Jose and Katia. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	1.4	3
10	Forest fires in Portugal - case study, 18 June 2017. <i>Thermal Science</i> , 2019, 23, 73-86.	1.1	12
11	Forecasting of Forest Fires in Portugal Using Parallel Calculations and Machine Learning. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 39-49.	0.6	0
12	Hurricane genesis modelling based on the relationship between solar activity and hurricanes II. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 180, 159-164.	1.6	9
13	Hurricane Forecasting Using by Parallel Calculations & Machine Learning., 2018, , .		0
14	Long-term erythemal ultraviolet radiation in Novi Sad (Serbia) reconstructed by neural network modelling. <i>International Journal of Climatology</i> , 2018, 38, 3264-3272.	3.5	6
15	Hurricane genesis modelling based on the relationship between solar activity and hurricanes. <i>Natural Hazards</i> , 2017, 85, 1043-1062.	3.4	14
16	The effects of solar activity: Electrons in the terrestrial lower ionosphere. <i>Journal of the Geographical Institute Jovan Cvijic SASA</i> , 2017, 67, 221-233.	1.0	14
17	Modelling of forest fires time evolution in the USA on the basis of long term variations and dynamics of the temperature of the solar wind protons. <i>Thermal Science</i> , 2015, 19, 437-444.	1.1	2
18	Application of adaptive neuro-fuzzy interference system models for prediction of forest fires in the usa on the basis of solar activity. <i>Thermal Science</i> , 2015, 19, 1649-1661.	1.1	11

#	ARTICLE	IF	CITATIONS
19	Information system of forecasting infrastructure development in tourism. Journal of the Geographical Institute Jovan Cvijic SASA, 2013, 63, 279-285.	1.0	0
20	Simulation of spatial form of urban systems by diffusion methods: Part 2. Journal of the Geographical Institute Jovan Cvijic SASA, 2013, 63, 67-77.	1.0	0
21	Simulation of spatial form of urban systems by diffusion methods: Part 1. Journal of the Geographical Institute Jovan Cvijic SASA, 2013, 63, 89-100.	1.0	0
22	Examination of the correlations between forest fires and solar activity using Hurst index. Journal of the Geographical Institute Jovan Cvijic SASA, 2013, 63, 23-31.	1.0	8
23	Mathematical Modeling of Complex Social Economic Objects Based on Analogies with Physical Fractals. Journal of Automation and Information Sciences, 2010, 42, 53-67.	0.7	0
24	Optical properties of bulk and epitaxial unordered $GaxIn_{1-x}$ P semiconductor alloys. Semiconductors, 2002, 36, 863-868.	0.5	0