Yaroslav Vyklyuk

List of Publications by Year
in descending order

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	Modeling and analysis of different scenarios for the spread of COVID-19 by using the modified multi-agent systems â€" Evidence from the selected countries. Results in Physics, 2021, 20, 103662.	4.1	27
2	Neural network forecasting in prediction Sharpe ratio: Evidence from EU debt market. Physica A: Statistical Mechanics and Its Applications, 2020, 542, 123331.	2.6	24
3	Cryptocurrencies chaotic coâ€movement forecasting with neural networks. Internet Technology Letters, 2020, 3, e157.	1.9	22
4	Hurricane genesis modelling based on the relationship between solar activity and hurricanes. Natural Hazards, 2017, 85, 1043-1062.	3.4	14
5	The effects of solar activity: Electrons in the terrestrial lower ionosphere. Journal of the Geographical Institute Jovan Cvijic SASA, 2017, 67, 221-233.	1.0	14
6	Forest fires in Portugal - case study, 18 june 2017. Thermal Science, 2019, 23, 73-86.	1.1	12
7	Application of adaptive neuro-fuzzy interference system models for prediction of forest fires in the usa on the basis of solar activity. Thermal Science, 2015, 19, 1649-1661.	1.1	11
8	Hurricane genesis modelling based on the relationship between solar activity and hurricanes II. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 180, 159-164.	1.6	9
9	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
10	BRICS Capital Markets Co-Movement Analysis and Forecasting. Risks, 2022, 10, 88.	2.4	7
11	Longâ€term erythemal ultraviolet radiation in Novi Sad (Serbia) reconstructed by neural network modelling. International Journal of Climatology, 2018, 38, 3264-3272.	3.5	6
12	Connection of Solar Activities and Forest Fires in 2018: Events in the USA (California), Portugal and Greece. Sustainability, 2020, 12, 10261.	3.2	4
13	Prediction of tropospheric ozone concentration using artificial neural networks at traffic and background urban locations in Novi Sad, Serbia. Environmental Monitoring and Assessment, 2021, 193, 84.	2.7	4
14	Space weather and hurricanes Irma, Jose and Katia. Astrophysics and Space Science, 2019, 364, 1.	1.4	3
15	The Conditionality of Outdoor Sports Events on Weather-Induced Impacts and Possible Solution. Journal of Hospitality and Tourism Research, 2021, 45, 1303-1323.	2.9	3
16	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. Thermal Science, 2015, 19, 437-444.	1.1	2
17	Optical properties of bulk and epitaxial unordered GaxIn1âˆ'x P semiconductor alloys. Semiconductors, 2002, 36, 863-868.	0.5	0
18	Hurricane Forecasting Using by Parallel Calculations & Machine Learning. , 2018, , .		0

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19	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
20	Information system of forecasting infrastructure development in tourism. Journal of the Geographical Institute Jovan Cvijic SASA, 2013, 63, 279-285.	1.0	0
21	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
22	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
23	Forecasting of Forest Fires in Portugal Using Parallel Calculations and Machine Learning. Advances in Intelligent Systems and Computing, 2019, , 39-49.	0.6	0
24	Methods for calculation the spatial distribution of the territory membership to the urbanized based on the hybrid neural network. Journal of the Geographical Institute Jovan Cvijic SASA, 2020, 70, 115-128.	1.0	0