Firuz Kamalov

List of Publications by Year
in descending order

53 papers	**1,046** citations	759190 **12** h-index	501174 **28** g-index
53 all docs	**53** docs citations	**53** times ranked	**623** citing authors

#	Article	IF	Citations
1	Data imbalance in classification: Experimental evaluation. Information Sciences, 2020, 513, 429-441.	6.9	363
2	A new computational intelligence approach to detect autistic features for autism screening. International Journal of Medical Informatics, 2018, 117, 112-124.	3.3	118
3	Kernel density estimation based sampling for imbalanced class distribution. Information Sciences, 2020, 512, 1192-1201.	6.9	80
4	Forecasting significant stock price changes using neural networks. Neural Computing and Applications, 2020, 32, 17655-17667.	5.6	54
5	Least Loss: A simplified filter method for feature selection. Information Sciences, 2020, 534, 1-15.	6.9	41
6	A Feature Selection Method Based on Ranked Vector Scores of Features for Classification. Annals of Data Science, 2017, 4, 483-502.	3.2	37
7	Machine learning based approach to exam cheating detection. PLoS ONE, 2021, 16, e0254340.	2.5	37
8	Gamma distribution-based sampling for imbalanced data. Knowledge-Based Systems, 2020, 207, 106368.	7.1	34
9	Outlier Detection in High Dimensional Data. Journal of Information and Knowledge Management, 2020, 19, 2040013.	1.1	21
10	Financial Forecasting with Machine Learning: Price Vs Return. Journal of Computer Science, 2021, 17, 251-264.	0.6	19
11	Numerical study of axisymmetric magneto-gyrotactic bioconvection in non-Fourier tangent hyperbolic nano-functional reactive coating flow of a cylindrical body in porous media. European Physical Journal Plus, 2021, 136, 1.	2.6	19
12	Predicting bitcoin price movements using sentiment analysis: a machine learning approach. Studies in Economics and Finance, 2022, 39, 347-364.	2.1	16
13	Feature selection for intrusion detection systems. , 2020, , .		14
14	The implementation of an adjusted relative strength index model in foreign currency and energy markets of emerging and developed economies. Macroeconomics and Finance in Emerging Market Economies, 2019, 12, 105-123.	1.0	13
15	Orthogonal variance decomposition based feature selection. Expert Systems With Applications, 2021, 182, 115191.	7.6	13
16	Forecasting COVID-19: Vector Autoregression-Based Model. Arabian Journal for Science and Engineering, 2022, , 1-10.	3.0	13
17	Phishing Detection: A Case Analysis on Classifiers with Rules Using Machine Learning. Journal of Information and Knowledge Management, 2017, 16, 1750034.	1.1	12
18	Feature Selection in Imbalanced Data. Annals of Data Science, 2023, 10, 1527-1541.	3.2	12

#	Article	IF	Citations
19	Stock price forecast with deep learning. , 2020, , .		11
20	Comparative heat transfer analysis of <i>Î³</i> -Al2O3â˜’C2H6O2 and <i>Î³</i> -Al2O3â˜’H2O electroconductive nanofluids in a saturated porous square cavity with Joule dissipation and heat source/sink effects. Physics of Fluids, 2022, 34, .	4.0	11
21	Sensitivity Analysis for Feature Selection. , 2018, , .		10
22	COVID-19, Short-selling Ban and Energy Stock Prices. Energy RESEARCH LETTERS, 0, , .	2.9	9
23	Machine learning applications to Covid-19: a state-of-the-art survey. , 2022, , .		9
24	THE EFFECT OF ENERGY CRYPTOS ON EFFICIENT PORTFOLIOS OF KEY ENERGY LISTED COMPANIES IN THE S&P COMPOSITE 1500 ENERGY INDEX. International Journal of Energy Economics and Policy, 2020, 10, 179-193.	1.2	8
25	Forecasting with Deep Learning: S&P 500 index. , 2020, , .		7
26	CAN THE LEADING US ENERGY STOCK PRICES BE PREDICTED USING THE ICHIMOKU CLOUD?. International Journal of Energy Economics and Policy, 2020, 11, 41-51.	1.2	6
27	Deep learning regularization in imbalanced data. , 2020, , .		6
28	Finite Sample Based Mutual Information. IEEE Access, 2021, 9, 118871-118879.	4.2	5
29	Monotonicity of the $$chi ^2$$-statistic and Feature Selection. Annals of Data Science, 2022, 9, 1223-1241.	3.2	4
30	Forecasting Covid-19: SARMA-ARCH approach. Health and Technology, 2021, 11, 1139-1148.	3.6	4
31	Autoencoder-based Intrusion Detection System. , 2021, , .		4
32	Comparative analysis of activation functions in neural networks. , 2021, , .		4
33	Evaluation of Arabic-Based Contextualized Word Embedding Models. , 2021, , .		4
34	Property T and Amenable Transformation Group C*-algebras. Canadian Mathematical Bulletin, 2015, 58, 110-114.	0.5	3
35	Diagnosing COVID-19 on Limited Data: A Comparative Study of Machine Learning Methods. Lecture Notes in Computer Science, 2021, , 616-627.	1.3	3
36	Orthogonal variance-based feature selection for intrusion detection systems. , 2021, , .		3

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37	Time series signal recovery methods: comparative study. , 2021, , .		3
38	Generalized feature similarity measure. Annals of Mathematics and Artificial Intelligence, 2020, 88, 987-1002.	1.3	2
39	Autoregressive and neural network models: a comparative study with linearly lagged series. , 2021, , .		2
40	Kernel density estimation-based sampling for neural network classification. , 2021, , .		2
41	Bitcoin Price Forecasting: Linear Discriminant Analysis with Sentiment Evaluation. , 2021, , .		2
42	Numerical computing in engineering mathematics. , 2022, , .		2
43	THE DUAL STRUCTURE OF CROSSED PRODUCT -ALGEBRAS WITH FINITE GROUPS. Bulletin of the Australian Mathematical Society, 2013, 88, 243-249.	0.5	1
44	Ensemble Learning with Resampling for Imbalanced Data. Lecture Notes in Computer Science, 2021, , 564-578.	1.3	1
45	High Frequency Return and Risk Patterns in U.S. Sector ETFs during COVID-19. SSRN Electronic Journal, 0, , .	0.4	1
46	Covariant representations of C*-dynamical systems with compact groups. Journal of Operator Theory, 0, 70, 259-272.	0.4	1
47	Autocorrelation for time series with linear trend. , 2021, , .		1
48	Neural Networks Architecture for COVID-19 Early Detection. , 2021, , .		1
49	ROC curve model under Pareto distribution. Applied Mathematical Sciences, 2016, 10, 461-466.	0.1	0
50	A note on property T for C*-algebras. International Journal of Mathematical Analysis, 0, 8, 2697-2701.	0.3	0
51	ON THE TOPOLOGY OF THE DUAL SPACE OF CROSSED PRODUCT C*-ALGEBRAS WITH FINITE GROUPS. Bulletin of the Korean Mathematical Society, 2017, 54, 391-397.	0.3	0
52	Machine learning based forecasting of significant daily returns in foreign exchange markets. International Journal of Business Intelligence and Data Mining, 2022, 1, 1.	0.2	0
53	RF LNA with Active Inductor Linearizer for Wireless Communication. , 2021, , .		0