

Roberto Saia

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

599
citations

840119

11
h-index

713013

21
g-index

43
all docs

43
docs citations

43
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting Ponzi schemes on Ethereum: Identification, analysis, and impact. Future Generation Computer Systems, 2020, 102, 259-277.	4.9	169
2	Fraud detection for E-commerce transactions by employing a prudential Multiple Consensus model. Journal of Information Security and Applications, 2019, 46, 13-22.	1.8	46
3	Forecasting E-Commerce Products Prices by Combining an Autoregressive Integrated Moving Average (ARIMA) Model and Google Trends Data. Future Internet, 2019, 11, 5.	2.4	39
4	Semantics-aware content-based recommender systems: Design and architecture guidelines. Neurocomputing, 2017, 254, 79-85.	3.5	33
5	Evaluating the benefits of using proactive transformed-domain-based techniques in fraud detection tasks. Future Generation Computer Systems, 2019, 93, 18-32.	4.9	26
6	A Local Feature Engineering Strategy to Improve Network Anomaly Detection. Future Internet, 2020, 12, 177.	2.4	23
7	Using neural word embeddings to model user behavior and detect user segments. Knowledge-Based Systems, 2016, 108, 5-14.	4.0	22
8	A combined entropy-based approach for a proactive credit scoring. Engineering Applications of Artificial Intelligence, 2020, 87, 103292.	4.3	22
9	Analysis of a Consensus Protocol for Extending Consistent Subchains on the Bitcoin Blockchain. Computation, 2020, 8, 67.	1.0	21
10	A Supervised Multi-class Multi-label Word Embeddings Approach for Toxic Comment Classification. , 2019, , .		20
11	A semantic approach to remove incoherent items from a user profile and improve the accuracy of a recommender system. Journal of Intelligent Information Systems, 2016, 47, 111-134.	2.8	19
12	Popularity Prediction of Instagram Posts. Information (Switzerland), 2020, 11, 453.	1.7	17
13	Evaluating Credit Card Transactions in the Frequency Domain for a Proactive Fraud Detection Approach. , 2017, , .		15
14	Internet of Entities (IoE): A Blockchain-based Distributed Paradigm for Data Exchange between Wireless-based Devices. , 2019, , .		13
15	A Holistic Auto-Configurable Ensemble Machine Learning Strategy for Financial Trading. Computation, 2019, 7, 67.	1.0	11
16	Semantic Coherence-based User Profile Modeling in the Recommender Systems Context. , 2014, , .		11
17	A Frequency-domain-based Pattern Mining for Credit Card Fraud Detection. , 2017, , .		11
18	A Discrete Wavelet Transform Approach to Fraud Detection. Lecture Notes in Computer Science, 2017, , 464-474.	1.0	10

#	ARTICLE	IF	CITATIONS
19	A Wavelet-based Data Analysis to Credit Scoring. , 2018, , .		10
20	Binary sieves: Toward a semantic approach to user segmentation for behavioral targeting. Future Generation Computer Systems, 2016, 64, 186-197.	4.9	9
21	An Entropy Based Algorithm for Credit Scoring. Lecture Notes in Business Information Processing, 2016, , 263-276.	0.8	8
22	A Latent Semantic Pattern Recognition Strategy for an Untrivial Targeted Advertising. , 2015, , .		7
23	A Probabilistic-driven Ensemble Approach to Perform Event Classification in Intrusion Detection System. , 2018, , .		7
24	Credit scoring by leveraging an ensemble stochastic criterion in a transformed feature space. Progress in Artificial Intelligence, 2021, 10, 417-432.	1.5	6
25	A fourier spectral pattern analysis to design credit scoring models. , 2017, , .		5
26	A Discretized Extended Feature Space (DEFS) Model to Improve the Anomaly Detection Performance in Network Intrusion Detection Systems. , 2019, , .		4
27	A General Approach for Risk Controlled Trading Based on Machine Learning and Statistical Arbitrage. Lecture Notes in Computer Science, 2020, , 489-503.	1.0	3
28	A new perspective on recommender systems: A class path information model. , 2015, , .		2
29	Introducing a Vector Space Model to Perform a Proactive Credit Scoring. Communications in Computer and Information Science, 2019, , 125-148.	0.4	2
30	A Blockchain-Based Distributed Paradigm to Secure Localization Services. Sensors, 2021, 21, 6814.	2.1	2
31	A Class-Based Strategy to User Behavior Modeling in Recommender Systems. Studies in Computational Intelligence, 2016, , 241-260.	0.7	1
32	A Two-Step Feature Space Transforming Method to Improve Credit Scoring Performance. Communications in Computer and Information Science, 2020, , 134-157.	0.4	1
33	Decomposing Training Data to Improve Network Intrusion Detection Performance. , 2021, , .		1
34	A Feature Space Transformation to Intrusion Detection Systems. , 2020, , .		1
35	Brain Waves and Evoked Potentials as Biometric User Identification Strategy: An Affordable Low-cost Approach. , 2022, , .		1
36	Exploiting a Determinant-Based Metric to Evaluate a Word-Embeddings Matrix of Items. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	Exploiting the Evaluation Frequency of the Items to Enhance the Recommendation Accuracy. , 2016, , .		0
38	Wireless Internet, Multimedia, and Artificial Intelligence: New Applications and Infrastructures. Future Internet, 2021, 13, 240.	2.4	0
39	Popularity Does Not Always Mean Triviality: Introduction of Popularity Criteria to Improve the Accuracy of a Recommender System. Journal of Computers, 2017, , 1-9.	0.4	0
40	A Feature Space Transformation to Intrusion Detection Systems. , 2020, , .		0
41	From Payment Services Directive 2 (PSD2) to Credit Scoring: A Case Study on an Italian Banking Institution. , 2021, , .		0
42	A Region-based Training Data Segmentation Strategy to Credit Scoring. , 2022, , .		0