

Marcello Trovati

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/769225/publications.pdf>

Version: 2024-02-01

54
papers

651
citations

840776

11
h-index

610901

24
g-index

57
all docs

57
docs citations

57
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal convolutional neural (TCN) network for an effective weather forecasting using time-series data from the local weather station. <i>Soft Computing</i> , 2020, 24, 16453-16482.	3.6	191
2	Deep learning-based effective fine-grained weather forecasting model. <i>Pattern Analysis and Applications</i> , 2021, 24, 343-366.	4.6	104
3	CS-PSO: chaotic particle swarm optimization algorithm for solving combinatorial optimization problems. <i>Soft Computing</i> , 2018, 22, 783-795.	3.6	67
4	Two phase heuristic algorithm for the multiple-travelling salesman problem. <i>Soft Computing</i> , 2018, 22, 6567-6581.	3.6	38
5	An influence assessment method based on co-occurrence for topologically reduced big data sets. <i>Soft Computing</i> , 2016, 20, 2021-2030.	3.6	25
6	Self-regulatory information sharing in participatory social sensing. <i>EPJ Data Science</i> , 2016, 5, .	2.8	20
7	Automated extraction of fragments of Bayesian networks from textual sources. <i>Applied Soft Computing Journal</i> , 2017, 60, 508-519.	7.2	17
8	Long-Short Term Memory for an Effective Short-Term Weather Forecasting Model Using Surface Weather Data. <i>IFIP Advances in Information and Communication Technology</i> , 2019, , 382-390.	0.7	17
9	Big data-based extraction of fuzzy partition rules for heart arrhythmia detection: a semi-automated approach. <i>Concurrency Computation Practice and Experience</i> , 2016, 28, 360-373.	2.2	15
10	A hybrid spam detection method based on unstructured datasets. <i>Soft Computing</i> , 2017, 21, 233-243.	3.6	14
11	An Entropy-Based Approach to Real-Time Information Extraction for Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6033-6041.	11.3	14
12	Extraction, Identification, and Ranking of Network Structures from Data Sets. , 2014, , .		13
13	Reduced Topologically Real-World Networks. <i>International Journal of Distributed Systems and Technologies</i> , 2015, 6, 13-27.	0.7	13
14	The Rise of Big Data Science: A Survey of Techniques, Methods and Approaches in the Field of Natural Language Processing and Network Theory. <i>Big Data and Cognitive Computing</i> , 2018, 2, 22.	4.7	12
15	PERMS: An efficient rescue route planning system in disasters. <i>Applied Soft Computing Journal</i> , 2021, 111, 107667.	7.2	10
16	An Analytical Tool to Map Big Data to Networks with Reduced Topologies. , 2014, , .		7
17	Latency-Aware Empirical Analysis of the Workloads for Reducing Excess Energy Consumptions at Cloud Datacentres. , 2016, , .		7
18	Tangency properties of a pentagonal tiling generated by a piecewise isometry. <i>Chaos</i> , 2007, 17, 043129.	2.5	6

#	ARTICLE	IF	CITATIONS
19	A Multinomial Logistic Regression Approach for Arrhythmia Detection. International Journal of Distributed Systems and Technologies, 2017, 8, 17-33.	0.7	6
20	GORTS: genetic algorithm based on one-by-one revision of two sides for dynamic travelling salesman problems. Soft Computing, 2020, 24, 7197-7210.	3.6	6
21	DLCD-CCE: A Local Community Detection Algorithm for Complex IoT Networks. IEEE Internet of Things Journal, 2020, 7, 4607-4615.	8.7	6
22	An investigation on human dynamics in enclosed spaces. Computers and Electrical Engineering, 2018, 67, 195-209.	4.8	4
23	Mining Social Media. , 2015, , 155-172.		3
24	Automatic Diagnosis Metabolic Syndrome via a \$\$\$-\$\$\$ Nearest Neighbour Classifier. Lecture Notes in Computer Science, 2017, , 627-637.	1.3	3
25	Statistical exploratory analysis of mask-fill reproduction operators of Genetic Algorithms. Applied Soft Computing Journal, 2021, 102, 107087.	7.2	3
26	Influence Discovery in Semantic Networks: An Initial Approach. , 2014, , .		2
27	Towards an Automated Approach to Extract and Compare Fictional Networks: An Initial Evaluation. , 2014, , .		2
28	A Non-genuine Message Detection Method Based on Unstructured Datasets. , 2015, , .		2
29	Context-Aware Service Discovery and Selection in Decentralized Environments. , 2015, , .		2
30	A Kuramoto Model Based Approach to Extract and Assess Influence Relations. Communications in Computer and Information Science, 2016, , 464-473.	0.5	2
31	Sentiment urgency emotion conversion over time for business intelligence. International Journal of Web Information Systems, 2020, 16, 519-528.	2.4	2
32	Packings induced by piecewise isometries cannot contain the arbelos. Discrete and Continuous Dynamical Systems, 2008, 22, 791-806.	0.9	2
33	Assessment of Security Threats via Network Topology Analysis: An Initial Investigation. Lecture Notes in Computer Science, 2017, , 416-425.	1.3	2
34	Computational Objectivity in Depression Assessment for Unstructured Large Datasets. , 2015, , .		1
35	A Semi-automated Assessment of the Direction of Influence Relations from Semantic Networks: A Case Study in Maths Anxiety. , 2015, , .		1
36	Investigation of Energy Efficiency on Cloud Computing. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
37	An Overview of Some Theoretical Topological Aspects of Big Data. , 2015, , 53-64.		1
38	Extraction of Bayesian Networks from Large Unstructured Datasets. , 2015, , 97-109.		1
39	Dependency Networks Extractions from Textual Sources in Criminology: An Initial Implementation. , 2016, , .		1
40	On the Need for a Novel Intelligent Big Data Platform: A Proposed Solution. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 473-478.	0.7	1
41	Evaluating Different Selection Criteria for Phase Type Survival Tree Construction. Big Data Research, 2021, 25, 100250.	4.2	1
42	Topology reduction and probabilistic information extraction for large data-sets: A disaster management case study. , 2015, , .		0
43	A Comprehensive Evaluation of a Novel Approach to Probabilistic Information Extraction from Large Unstructured Datasets. , 2015, , .		0
44	A Preliminary Investigation of a Semi-Automatic Criminology Intelligence Extraction Method: A Big Data Approach. , 2015, , .		0
45	Fuzzy Partition Rules for Heart Arrhythmia Detection. , 2015, , .		0
46	Call for papers special issue on services computing. Tsinghua Science and Technology, 2016, 21, 124-124.	6.1	0
47	Dependency networks extractions from textual sources " A case study in criminology. , 2017, , .		0
48	Information Extraction From Social Media for Epidemic Models. Advances in Data Mining and Database Management Book Series, 2021, , 125-139.	0.5	0
49	Data Analytics Epidemic Modelling and Human Dynamics Approaches for Pandemic Outbreak. Advances in Data Mining and Database Management Book Series, 2021, , 44-60.	0.5	0
50	Deep Learning Approaches in Pandemic and Disaster Management. Advances in Data Mining and Database Management Book Series, 2021, , 108-124.	0.5	0
51	Two Case Studies Based on Large Unstructured Sets. , 2015, , 111-125.		0
52	Three Big Data Case Studies. Simulation Foundations, Methods and Applications, 2017, , 333-345.	0.1	0
53	Model Building. Simulation Foundations, Methods and Applications, 2017, , 3-53.	0.1	0
54	A Preliminary Automated Approach to Assess Hospital Patient Feedback. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 585-593.	0.7	0