

Marcello Trovati

List of Publications by Year in descending order

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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	Deep learning-based effective fine-grained weather forecasting model. Pattern Analysis and Applications, 2021, 24, 343-366.	4.6	104
2	Information Extraction From Social Media for Epidemic Models. Advances in Data Mining and Database Management Book Series, 2021, , 125-139.	0.5	0
3	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
4	Statistical exploratory analysis of mask-fill reproduction operators of Genetic Algorithms. Applied Soft Computing Journal, 2021, 102, 107087.	7.2	3
5	Evaluating Different Selection Criteria for Phase Type Survival Tree Construction. Big Data Research, 2021, 25, 100250.	4.2	1
6	PERMS: An efficient rescue route planning system in disasters. Applied Soft Computing Journal, 2021, 111, 107667.	7.2	10
7	Deep Learning Approaches in Pandemic and Disaster Management. Advances in Data Mining and Database Management Book Series, 2021, , 108-124.	0.5	0
8	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
9	An Entropy-Based Approach to Real-Time Information Extraction for Industry 4.0. IEEE Transactions on Industrial Informatics, 2020, 16, 6033-6041.	11.3	14
10	DLCD-CCE: A Local Community Detection Algorithm for Complex IoT Networks. IEEE Internet of Things Journal, 2020, 7, 4607-4615.	8.7	6
11	Sentiment urgency emotion conversion over time for business intelligence. International Journal of Web Information Systems, 2020, 16, 519-528.	2.4	2
12	Temporal convolutional neural (TCN) network for an effective weather forecasting using time-series data from the local weather station. Soft Computing, 2020, 24, 16453-16482.	3.6	191
13	Long-Short Term Memory for an Effective Short-Term Weather Forecasting Model Using Surface Weather Data. IFIP Advances in Information and Communication Technology, 2019, , 382-390.	0.7	17
14	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
15	CS-PSO: chaotic particle swarm optimization algorithm for solving combinatorial optimization problems. Soft Computing, 2018, 22, 783-795.	3.6	67
16	Two phase heuristic algorithm for the multiple-travelling salesman problem. Soft Computing, 2018, 22, 6567-6581.	3.6	38
17	An investigation on human dynamics in enclosed spaces. Computers and Electrical Engineering, 2018, 67, 195-209.	4.8	4
18	The Rise of Big Data Science: A Survey of Techniques, Methods and Approaches in the Field of Natural Language Processing and Network Theory. Big Data and Cognitive Computing, 2018, 2, 22.	4.7	12

#	ARTICLE	IF	CITATIONS
19	A Preliminary Automated Approach to Assess Hospital Patient Feedback. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 585-593.	0.7	0
20	A hybrid spam detection method based on unstructured datasets. Soft Computing, 2017, 21, 233-243.	3.6	14
21	Automatic Diagnosis Metabolic Syndrome via a k -Nearest Neighbour Classifier. Lecture Notes in Computer Science, 2017, , 627-637.	1.3	3
22	Automated extraction of fragments of Bayesian networks from textual sources. Applied Soft Computing Journal, 2017, 60, 508-519.	7.2	17
23	Dependency networks extractions from textual sources " A case study in criminology. , 2017, , .		0
24	A Multinomial Logistic Regression Approach for Arrhythmia Detection. International Journal of Distributed Systems and Technologies, 2017, 8, 17-33.	0.7	6
25	Three Big Data Case Studies. Simulation Foundations, Methods and Applications, 2017, , 333-345.	0.1	0
26	Assessment of Security Threats via Network Topology Analysis: An Initial Investigation. Lecture Notes in Computer Science, 2017, , 416-425.	1.3	2
27	Model Building. Simulation Foundations, Methods and Applications, 2017, , 3-53.	0.1	0
28	Self-regulatory information sharing in participatory social sensing. EPJ Data Science, 2016, 5, .	2.8	20
29	Latency-Aware Empirical Analysis of the Workloads for Reducing Excess Energy Consumptions at Cloud Datacentres. , 2016, , .		7
30	Dependency Networks Extractions from Textual Sources in Criminology: An Initial Implementation. , 2016, , .		1
31	An influence assessment method based on co-occurrence for topologically reduced big data sets. Soft Computing, 2016, 20, 2021-2030.	3.6	25
32	Big data-based extraction of fuzzy partition rules for heart arrhythmia detection: a semi-automated approach. Concurrency Computation Practice and Experience, 2016, 28, 360-373.	2.2	15
33	A Kuramoto Model Based Approach to Extract and Assess Influence Relations. Communications in Computer and Information Science, 2016, , 464-473.	0.5	2
34	Call for papers special issue on services computing. Tsinghua Science and Technology, 2016, 21, 124-124.	6.1	0
35	Topology reduction and probabilistic information extraction for large data-sets: A disaster management case study. , 2015, , .		0
36	Reduced Topologically Real-World Networks. International Journal of Distributed Systems and Technologies, 2015, 6, 13-27.	0.7	13

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37	A Comprehensive Evaluation of a Novel Approach to Probabilistic Information Extraction from Large Unstructured Datasets. , 2015, , .		0
38	A Non-genuine Message Detection Method Based on Unstructured Datasets. , 2015, , .		2
39	Computational Objectivity in Depression Assessment for Unstructured Large Datasets. , 2015, , .		1
40	A Semi-automated Assessment of the Direction of Influence Relations from Semantic Networks: A Case Study in Maths Anxiety. , 2015, , .		1
41	Investigation of Energy Efficiency on Cloud Computing. , 2015, , .		1
42	An Overview of Some Theoretical Topological Aspects of Big Data. , 2015, , 53-64.		1
43	Context-Aware Service Discovery and Selection in Decentralized Environments. , 2015, , .		2
44	Extraction of Bayesian Networks from Large Unstructured Datasets. , 2015, , 97-109.		1
45	A Preliminary Investigation of a Semi-Automatic Criminology Intelligence Extraction Method: A Big Data Approach. , 2015, , .		0
46	Mining Social Media. , 2015, , 155-172.		3
47	Fuzzy Partition Rules for Heart Arrhythmia Detection. , 2015, , .		0
48	Two Case Studies Based on Large Unstructured Sets. , 2015, , 111-125.		0
49	An Analytical Tool to Map Big Data to Networks with Reduced Topologies. , 2014, , .		7
50	Influence Discovery in Semantic Networks: An Initial Approach. , 2014, , .		2
51	Towards an Automated Approach to Extract and Compare Fictional Networks: An Initial Evaluation. , 2014, , .		2
52	Extraction, Identification, and Ranking of Network Structures from Data Sets. , 2014, , .		13
53	Packings induced by piecewise isometries cannot contain the arbelos. Discrete and Continuous Dynamical Systems, 2008, 22, 791-806.	0.9	2
54	Tangency properties of a pentagonal tiling generated by a piecewise isometry. Chaos, 2007, 17, 043129.	2.5	6