

Morteza Analoui

List of Publications by Year in descending order

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97
papers

508
citations

933264

10
h-index

887953

17
g-index

100
all docs

100
docs citations

100
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	MOWS: Multi-objective workflow scheduling in cloud computing based on heuristic algorithm. Simulation Modelling Practice and Theory, 2019, 93, 119-132.	2.2	64
2	An approach to grid resource selection and fault management based on ECA rules. Future Generation Computer Systems, 2008, 24, 296-316.	4.9	24
3	Effect of anti-malware software on infectious nodes in cloud environment. Computers and Security, 2016, 58, 139-148.	4.0	24
4	An economic replica placement mechanism for streaming content distribution in Hybrid CDN-P2P networks. Computer Communications, 2014, 52, 60-70.	3.1	19
5	Collaborative filtering using non-negative matrix factorisation. Journal of Information Science, 2017, 43, 567-579.	2.0	19
6	An economic mechanism for request routing and resource allocation in hybrid CDN-P2P networks. International Journal of Network Management, 2015, 25, 375-393.	1.4	18
7	A Scalable Method for Improving the Performance of Classifiers in Multiclass Applications by Pairwise Classifiers and GA. , 2008, , .		16
8	Stabilizing fixed points of time-delay systems close to the Hopf bifurcation using a dynamic delayed feedback control method. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 395102.	0.7	16
9	Performance modeling and analysis of virtualized multi-tier applications under dynamic workloads. Journal of Network and Computer Applications, 2015, 56, 166-187.	5.8	16
10	A New Efficient Approach in Clustering Ensembles. , 2007, , 395-405.		13
11	CCHR: Combination of Classifiers Using Heuristic Retraining. , 2008, , .		13
12	Hopf bifurcation analysis on an Internet congestion control system of arbitrary dimension with communication delay. Nonlinear Analysis: Real World Applications, 2010, 11, 3842-3857.	0.9	13
13	Microeconomics-based resource allocation in overlay networks by using non-strategic behavior modeling. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 493-508.	1.7	13
14	Business model innovation driven by the internet of things technology, in internet service providers's™ business context. Information Systems and E-Business Management, 2021, 19, 1175-1243.	2.2	12
15	Resource Scheduling in Desktop Grid by Grid-JQA. , 2008, , .		11
16	An imperialist competitive algorithm for virtual machine placement in cloud computing. Journal of Experimental and Theoretical Artificial Intelligence, 2017, 29, 575-596.	1.8	11
17	Evolving Ensemble of Classifiers In Low-Dimensional Spaces Using Multi-Objective Evolutionary Approach. , 2007, , .		10
18	Clustering Ensembles Using Genetic Algorithm. , 2006, , .		9

#	ARTICLE	IF	CITATIONS
19	Application of nonnegative matrix factorization in recommender systems. , 2012, , .		9
20	Modelling trust networks using resistive circuits for trust-aware recommender systems. Journal of Information Science, 2017, 43, 135-144.	2.0	8
21	TCP fairness enhancement through a mathematical parametric model. , 2005, , .		7
22	A conceptual framework for bio-inspired congestion control in communication networks. , 2006, , .		7
23	Congestion Control in the Internet: Inspiration from Balanced Food Chains in the Nature. Journal of Network and Systems Management, 2008, 16, 1-10.	3.3	7
24	History-aware, resource-based dynamic scheduling for heterogeneous multi-core processors. IET Computers and Digital Techniques, 2011, 5, 254.	0.9	7
25	Performance evaluation of Web server workloads in Xen-based virtualized computer system: analytical modeling and experimental validation. Concurrency Computation Practice and Experience, 2015, 27, 4741-4762.	1.4	7
26	FastMove: Fast IP switching Moving Target Defense to mitigate DDOS Attacks. , 2021, , .		7
27	An Economic Case for End System Multicast. Lecture Notes in Computer Science, 2010, , 40-48.	1.0	7
28	Hierarchical Classifier Combination and Its Application in Networks Intrusion Detection. , 2007, , .		6
29	Strategic behavior modeling of multi-service overlay multicast networks based on auction mechanism design. Journal of Parallel and Distributed Computing, 2011, 71, 1125-1141.	2.7	6
30	Improving inter-node communications in multi-core clusters using a contention-free process mapping algorithm. Journal of Supercomputing, 2013, 66, 488-513.	2.4	6
31	Envy-Free Resource Allocation and Request Routing in Hybrid CDN-P2P Networks. Journal of Network and Systems Management, 2016, 24, 884-915.	3.3	6
32	QR Decomposition-Based Algorithm for Background Subtraction. , 2007, , .		5
33	Active Grid Information Server for grid computing. Journal of Supercomputing, 2009, 50, 19-35.	2.4	5
34	PID Gain Tuning Using Genetic Algorithms and Fuzzy Logic for Robot Manipulator Control. , 2009, , .		5
35	Replica Placement Algorithms in hybrid CDN-P2P architectures. , 2012, , .		5
36	Exploring the effects of virtual machine placement on the transmission of infections in cloud. , 2014, , .		5

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37	Numerical analysis of antenna by a surface patch modeling. IEEE Transactions on Magnetics, 1990, 26, 905-908.	1.2	4
38	Electromagnetic scattering from conductor-coated material bodies. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 1991, 4, 287-299.	1.2	4
39	Epilepsy detection using Detrended Fluctuation Analysis. , 2009, , .		4
40	Adaptive PID Gain Tuning Using Fuzzy Logic and Additional External Performance Index Reference for Controlling Robot Manipulator. , 2009, , .		4
41	Bio-Inspired Congestion Control: Conceptual Framework, Algorithm and Discussion. Studies in Computational Intelligence, 2007, , 63-80.	0.7	4
42	Spam Fighting in Social Tagging Systems. Lecture Notes in Computer Science, 2012, , 448-461.	1.0	4
43	Probabilistic Proximity-aware Resource Location in Peer-to-Peer Networks Using Resource Replication. International Journal of Computers, Communications and Control, 2014, 5, 418.	1.2	4
44	Speech recognition with a competitive Probabilistic Radial Basis Neural Network. , 2008, , .		3
45	A Framework for Resource Allocation in Multi-Service Multi-Rate Overlay Networks Based on Microeconomic Theory. Journal of Network and Systems Management, 2011, 19, 178-208.	3.3	3
46	Nature-Inspired Congestion Control: Using a Realistic Predator-Prey Model. Lecture Notes in Computer Science, 2007, , 416-426.	1.0	3
47	Equation-Based Congestion Control in the Internet Biologic Environment. Transactions on Computational Systems Biology, 2007, , 42-62.	0.8	3
48	Reduction of vector unknowns using geometric symmetry in a triangular-patch moment method for electromagnetic scattering and radiation analysis. IEEE Transactions on Magnetics, 1992, 28, 1720-1723.	1.2	2
49	Hierarchical two-tier ensemble learning. , 2007, , .		2
50	Performance Evaluation of Decision Tree for Intrusion Detection Using Reduced Feature Spaces. Lecture Notes in Electrical Engineering, 2008, , 273-284.	0.3	2
51	Resource discovery using rough set in grid environment. , 2009, , .		2
52	An information economy for single-service application layer multicast networks. , 2010, , .		2
53	Globally stable and high-performance Internet congestion control through a computational inspiration from nature. Science China Information Sciences, 2011, 54, 1251-1263.	2.7	2
54	Towards Microeconomic Resources Allocation in Overlay Networks. Lecture Notes in Computer Science, 2010, , 220-231.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Performance enhancement of logical link control using channel quality in GPRS. , 0, , .		1
56	A Conceptual Framework for Bio-Inspired Congestion Control In Communication Networks. , 2006, , .		1
57	SARED: Stabilized ARED. , 2006, , .		1
58	The condition of Hopf bifurcation occurrence for congestion control system in computer networks with communication delay. , 2008, , .		1
59	A New Robust Voice Activity Detection method based on Genetic Algorithm. , 2008, , .		1
60	Load balancing effects in DCUR QoS routing algorithm. , 2009, , .		1
61	Adaptive robot manipulator control based on plant-controller model reference using soft computing and performance index analyzer. , 2009, , .		1
62	Nature-Inspired Approach for Stable Congestion Control in the Internet. , 2009, , .		1
63	Program phase detection in heterogeneous multi-core processors. , 2009, , .		1
64	Global stability analysis of computer networks with arbitrary topology and time-varying delays. Journal of Zhejiang University: Science C, 2010, 11, 214-226.	0.7	1
65	Tecno-Streams approach for content-based image retrieval. , 2010, , .		1
66	Toward microeconomic allocation of resources in multi-service overlay networks. Journal of Computer and Systems Sciences International, 2011, 50, 741-755.	0.2	1
67	Hybrid CDN-P2P architecture: Replica content Placement Algorithms. , 2013, , .		1
68	Trust prediction in multiplex networks. , 2015, , .		1
69	Performance analysis of Web application in Xen-based virtualized environment. , 2015, , .		1
70	TCP-ArtaVegas: Improving the fairness of TCP-Vegas. , 2015, , .		1
71	A New Clustering Algorithm for Noisy Image Retrieval. Lecture Notes in Electrical Engineering, 2012, , 289-301.	0.3	1
72	A New Process Placement Algorithm in Multi-core Clusters Aimed to Reducing Network Interface Contention. Advances in Intelligent Systems and Computing, 2012, , 1041-1050.	0.5	1

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73	Symbolic approach to inverse problems in method of moments. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 1994, 7, 399-405.	1.2	0
74	Combined Coiflet Wavelet and Recursive Least Squares Predictor for MPEG Traffic Prediction. , 0, , .		0
75	Haar Wavelet prediction-based Fair Queuing. , 0, , .		0
76	A New Adaptive Transport Protocol for Web. , 2006, , .		0
77	Target differentiation using sonar data for robot applications; neural network approach. , 2007, , .		0
78	Internet congestion control using nature population control tactics. Ecological Informatics, 2007, 2, 337-352.	2.3	0
79	Dependency Analysis of Message Packet Queues in Interconnection Networks with Faults. , 2008, , .		0
80	Robot Manipulator Identification based on a Customized Neural Network & Close Form Differential Equation. , 2008, , .		0
81	Training set generation using fuzzy logic and dynamic chromosome based Genetic Algorithms for plant identifiers. , 2009, , .		0
82	Training Set Ranking and Selection Using Fuzzy Logic for Dynamic Plant Identifiers. , 2009, , .		0
83	Predator-prey system: an optimiser that solves a linear programming. International Journal of Bio-Inspired Computation, 2010, 2, 333.	0.6	0
84	Towards Microeconomic Resource Sharing in End System Multicast Networks Based on Walrasian General Equilibrium. , 2010, , .		0
85	Towards strategic bandwidth sharing in overlay multicast networks based on mechanism design theory. Procedia Computer Science, 2011, 3, 1348-1352.	1.2	0
86	A Case for Multi-service Overlay Multicast Networks Based on Auction Mechanism. , 2011, , .		0
87	Towards strategic resource allocation in overlay networks based on monopoly auction mechanism. , 2011, , .		0
88	A new ensemble classifier creation method by creating new training set for each base classifier. , 2013, , .		0
89	Analiysis of self-similarity in recommender systems. , 2014, , .		0
90	Workload-Aware Placement of Multi-Tier Applications in Virtualized Datacenters. Computer Journal, 0, , .	1.5	0

#	ARTICLE	IF	CITATIONS
91	Combination of score level fusion methods in receiver operating characteristic space. , 2017, , .		0
92	Performance profiling of database systems in Xen. , 2017, , .		0
93	Evolutionary Design of a Fuzzy Rule Base for Solving the Goal-Shooting Problem in the RoboCup 3D Soccer Simulation League. Lecture Notes in Computer Science, 2008, , 320-328.	1.0	0
94	A Non-strategic Microeconomic Model for Single-Service Multi-rate Application Layer Multicast. Lecture Notes in Computer Science, 2010, , 1-8.	1.0	0
95	Rate Allocation in Overlay Networks Based on Theory of Firm Consumer. Lecture Notes in Computer Science, 2010, , 337-343.	1.0	0
96	An Economic Auction Mechanism for Multirate Single-Service Overlay Networks Using Optimum Hops. , 2012, , 101-108.		0
97	A New Approach for Explicit Distributional Semantic Vector Representation Based on Dependency Distance and Bias Elimination. International Journal on Artificial Intelligence Tools, 2022, 31, .	0.7	0