Emilio C G Wille

List of Publications by Year
in descending order

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40	190	1040056 9	1125743 13
papers	citations	h-index	g-index

40	40	40	163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Filamentous Fungi Growth as Metaphor for Mobile Communication Networks Routing. Advances in Electrical and Computer Engineering, 2021, 21, 59-66.	0.9	1
2	Improving the Accuracy of Multi-Core Systems Simulations using Behavioral Modeling. Przeglad Elektrotechniczny, 2021, 1, 141-147.	0.2	0
3	Bio-inspired routing algorithm for MANETs based on fungi networks. Ad Hoc Networks, 2020, 107, 102248.	5.5	15
4	APPROXIMATING PROBABILITY DISTRIBUTION FUNCTIONS WITH FEW MOMENTS. Latin American Applied Research, 2020, 50, 21-25.	0.4	0
5	Latency-Rate Downlink Packet Scheduler for LTE Networks. Advances in Electrical and Computer Engineering, 2020, 20, 53-60.	0.9	1
6	Exploiting the Inherent Connectivity of Urban Mobile Backbones Using the P-DSDV Routing Protocol. Advances in Electrical and Computer Engineering, 2020, 20, 83-90.	0.9	1
7	Early Window Tailoring: A New Approach to Increase the Number of TCP Connections Served. Journal of Computer Networks and Communications, 2019, 2019, 1-12.	1.6	1
8	Routing in Vehicular Ad Hoc Networks: Main Characteristics and Tendencies. Journal of Computer Networks and Communications, 2018, 2018, 1-10.	1.6	27
9	FB-APSP: A new efficient algorithm for computing all-pairs shortest-paths. Journal of Network and Computer Applications, 2018, 121, 33-43.	9.1	5
10	Notification Oriented Paradigm Applied to Ambient Assisted Living Tool. IEEE Latin America Transactions, 2018, 16, 647-653.	1.6	10
11	Early congestion control: A new approach to improve the performance of TCP in ad hoc networks. , 2016, , .		0
12	P-AOMDV: An improved routing protocol for V2V communication based on public transport backbones. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1653-1663.	3.9	11
13	Improving VANETs Connectivity with a Totally Ad Hoc Living Mobile Backbone. Journal of Computer Networks and Communications, 2015, 2015, 1-14.	1.6	8
14	Increasing Connectivity in VANETs Using Public Transport Backbones. IEEE Latin America Transactions, 2015, 13, 3421-3431.	1.6	4
15	GENIUS â€“ A genetic scheduling algorithm for high-performance switches. AEU - International Journal of Electronics and Communications, 2015, 69, 629-635.	2.9	2
16	Performance of routing protocols for VANETs. , 2015, , .		5
17	Considering Packet Loss Probability in Fault-Tolerant OSPF Routing. IEEE Latin America Transactions, 2014, 12, 248-255.	1.6	3
18	The Square Root Multipliers Algorithm for Discrete Capacity and Buffer Assignment problems in Elastic Traffic Networks. AEU - International Journal of Electronics and Communications, 2014, 68, 465-470.	2.9	0

#	Article	IF	Citations
19	Solving the base station placement problem by means of swarm intelligence. , 2013, , .		4
20	Available Network Bandwidth Schema to Improve Performance in TCP Protocols. International Journal of Computer Networks and Communications, 2013, 5, 45-57.	0.3	3
21	Fast Emergency Paths Schema to Overcome Transient Link Failures in OSPF Routing. International Journal of Computer Networks and Communications, 2012, 4, 17-34.	0.3	12
22	Metaheuristic Methods for Solving the Capacity and Flow Assignment Problem in TCP/IP Networks. IEEE Latin America Transactions, 2011, 9, 851-859.	1.6	2
23	Applying genetic algorithms to the information sets search problem. , 2011, , .		1
24	Discrete Capacity Assignment in IP networks using Particle Swarm Optimization. Applied Mathematics and Computation, 2011, 217, 5338-5346.	2.2	13
25	Adaptive Decoding of Binary Linear Block Codes Using Information Sets and Erasures. , 2010, , .		1
26	E-CER: Recovery Paths to Deviate Packets During a Failure in IP Backbones with OSPF. IEEE Latin America Transactions, 2009, 7, 694-702.	1.6	0
27	A Lagrangean relaxation approach for QoS networks CFA problems. AEU - International Journal of Electronics and Communications, 2009, 63, 743-753.	2.9	5
28	Fast recovery paths schema to improve reliability in IP networks. , 2008, , .		0
29	A Fast Rerouting Approach to Reduce Packet Loss during IP Routing Protocols Convergence. , 2008, , .		2
30	Fast Recovery Paths: Reducing Packet Loss Rates during IP Routing Convergence. , 2008, , .		3
31	A Simple Acceptance Criterion for Binary Block Codes Soft-Decision Algorithms. , 2006, , .		3
32	Algorithms for IP network design with end-to-end QoS constraints. Computer Networks, 2006, 50, 1086-1103.	5.1	16
33	Design of IP Virtual Private Networks under End-To-End QoS Constraints. , 2005, , 35-61.		0
34	Topological Design of Survivable IP Networks Using Metaheuristic Approaches. Lecture Notes in Computer Science, 2005, , 191-206.	1.3	14
35	Multilevel coding modulation system with binary block codes. Computer Communications, 2001, 24, 292-295.	5.1	1
36	Proposal of sub-optimum decoding algorithm with a bound of Voronoi region V(C0). Computer Communications, 1998, 21, 736-740.	5.1	5

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37	A new approach to the information set decoding algorithm. Computer Communications, 1997, 20, 302-308.	5.1	11
38	Multilevel coding modulation system with binary block codes. , 0, , .		0
39	Analysis of a bound of Voronoi region V(C/sub 0/) and proposal of sub-optimum decoding algorithm. , 0, , .		0
40	AnÃ¡lise do Tempo de DuraÃ§Ã£o de Rotas em Redes Veiculares Considerando Fatores Influentes. , 0, , .		0