Hacene Fouchal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76 papers	358 citations	10 h-index	14 g-index
108 ext. papers	453 ext. citations	1.6 avg, IF	3.81 L-index

#	Paper	IF	Citations
76	A realistic relay selection scheme for cooperative MIMO networks. *Ad Hoc Networks*, **2022**, 124, 102706	4.8	2
75	Intermediate Pseudonym Certificate Generation for C-ITS. *Communications in Computer and Information Science*, **2021**, 76-83	0.3	1
74	Sharing pseudonyms between Intelligent Transport System stations. *Journal of Computational Science*, **2020**, 47, 101236	3.4	2
73	Pseudonym Limitation for Privacy in Cooperative Transport Systems. *IEEE Network*, **2020**, 34, 73-77	11.4	0
72	A Learning Approach for Road Traffic Optimization in Urban Environments. *Lecture Notes in Computer Science*, **2020**, 355-366	0.9	
71	C-ITS Communications based on BLE Messages **2020**,		3
70	Anomaly Detection on Roads Using C-ITS Messages. *Lecture Notes in Computer Science*, **2020**, 25-38	0.9	2
69	Performance Evaluation of Scheduling Approaches for Wireless Sensor Networks. *Wireless Personal Communications*, **2020**, 110, 1089-1108	1.9	4
68	Towards Analysing Cooperative Intelligent Transport System Security Data. *Lecture Notes in Computer Science*, **2019**, 23-32	0.9	
67	Partial backwards routing protocol for VANETs. *Vehicular Communications*, **2019**, 18, 100162	5.7	3
66	Alternative Connectivity Metric for Routing in VANETs. *Lecture Notes in Computer Science*, **2019**, 117-122	0.9	
65	Congestion Control in a Location Service for VANETs. *Lecture Notes in Computer Science*, **2019**, 289-293	0.9	
64	An urban location service for vehicular area networks. *Concurrency Computation Practice and Experience*, **2019**, 31, e4693	1.4	5
63	A Distributed Predictive Road Traffic Management System in Urban VANETs **2019**,		2
62	Intelligent Transport System Based on Bluetooth. *Lecture Notes in Computer Science*, **2019**, 50-59	0.9	3
61	Unsupervised Driving Profile Detection Using Cooperative Vehicles Data. *Lecture Notes in Computer Science*, **2019**, 27-37	0.9	0
60	Efficient Event Dissemination Using Bluetooth Protocol. *Communications in Computer and Information Science*, **2019**, 25-36	0.3	

59	Secured Communications on Vehicular Networks over Cellular Networks. *Lecture Notes in Computer Science*, **2019**, 31-41	0.9	1
58	Reliability, failure detection and prevention in cyber-physical systems (CPSs) with agents. *Concurrency Computation Practice and Experience*, **2019**, 31, e4481	1.4	3
57	Efficient queuing scheme through cross-layer approach for multimedia transmission over WSNs. *Computer Networks*, **2018**, 134, 272-282	5.4	6
56	A C-ITS Central Station as a Communication Manager. *Communications in Computer and Information Science*, **2018**, 33-43	0.3	3
55	New Method for Selecting Exemplars Application to Roadway Experimentation. *Communications in Computer and Information Science*, **2018**, 75-84	0.3	2
54	Enhancing Coverage for Secure Communications over VANET **2018**,		3
53	A validation tool for cooperative intelligent transport systems. *Journal of Computational Science*, **2017**, 22, 283-288	3.4	13
52	Scheduling approaches in beacon-enabled mode for wireless sensor networks. *Concurrency Computation Practice and Experience*, **2017**, 29, e4284	1.4	2
51	Energy and activity monitoring over wireless sensor networks. *Concurrency Computation Practice and Experience*, **2017**, 29, e4260	1.4	2
50	A cooperative location service for VANETs **2017**,		6
49	Multi-agent architecture for reliable Cyber-Physical Systems (CPS) **2017**,		10
48	A cross-layer scheme for multimedia transfer over AdHoc networks **2017**,		1
47	A Realistic Location Service for VANETs. *Communications in Computer and Information Science*, **2017** , 191-196	0.3	4
46	An Extended Tester for Cooperative Intelligent Transport Systems. *Communications in Computer and Information Science*, **2017**, 47-55	0.3	
45	An experimentation of VANETs for traffic management **2016**,		2
44	Routing over VANET in Urban Environments. *Communications in Computer and Information Science*, **2016**, 143-152	0.3	
43	Carrier sense aware multipath geographic routing protocol. *Wireless Communications and Mobile Computing*, **2016**, 16, 1109-1123	1.9	17
42	Towards efficient deployment of wireless sensor networks. *Security and Communication Networks*, **2016**, 9, 3927-3943	1.9	10

41	A Framework for Validation of Cooperative Intelligent Transport Systems **2016**,		3
40	A Security Scheme for Wireless Sensor Networks **2016**,		8
39	A testing framework for Intelligent Transport Systems **2016**,		5
38	Centralized energy monitoring over wireless sensor networks **2015**,		2
37	Drip Irrigation System using Wireless Sensor Networks **2015**,		10
36	Scheduling approaches for wireless sensor networks **2015**,		3
35	Joint routing and location-based service in VANETs. *Journal of Parallel and Distributed Computing*, **2014**, 74, 2077-2087	4.4	28
34	A battery recovery aware routing protocol for Wireless Sensor Networks **2014**,		1
33	A decision-support tool for Wireless Sensor Networks **2014**,		3
32	Semi-Dynamic Tree Scheduling Process for Wireless Sensor Networks **2014**,		2
31	A dynamic slot scheduling for wireless sensors networks **2014**,		1
30	Carrier sense range effect on performances of multipath routing in Wireless Sensor Networks **2014** ,		1
29	A slot assignment for Wireless Body Area Networks **2014**,		4
28	A mobile wireless body area network platform. *Journal of Computational Science*, **2014**, 5, 664-674	3.4	19
27	Distributed backtracking algorithm based on tree decomposition over wireless sensor networks. *Concurrency Computation Practice and Experience*, **2013**, 25, 728-742	1.4	7
26	PHRHLS: A movement-prediction-based joint routing and Hierarchical Location Service for VANETs **2013**,		15
25	Wireless body area network platforms evaluation **2013**,		3
24	Classification of usual protocols over Wireless Sensor Networks **2012**,		10

23	Impact of transmission range in 802.15.4 with usual routing protocols **2012**,		1
22	A Comparison of Reactive, Grid and Hierarchical Location-Based Services for VANETs **2012**,		14
21	HHLS: A hybrid routing technique for VANETs **2012**,		19
20	A low energy consumption MAC protocol for WSN **2012**,		13
19	Slot scheduling for wireless sensor networks. *Journal of Computational Methods in Sciences and Engineering*, **2012**, 12, S1-S12	0.3	12
18	Communication Interoperability Model for Embedded Devices **2011**,		1
17	Slot Assignment over Wireless Sensor Networks **2011**,		2
16	Robustness testing of composed real-time systems. *Journal of Computational Methods in Sciences and Engineering*, **2010**, 10, S135-S148	0.3	
15	Efficient Communications over Wireless Sensor Networks **2010**,		8
14	A pragmatic testing approach for wireless sensor networks **2010**,		2
13	Anomaly Detection with Wireless Sensor Networks **2010**,		3
12	Distributed diagnosis over wireless sensors networks. *Concurrency Computation Practice and Experience*, **2010**, 22, 1240-1251	1.4	11
11	A distributed power management optimisation in wireless sensors networks **2009**,		5
10	Testing Timed Finite State Machines with Guaranteed Fault Coverage. *Lecture Notes in Computer Science*, **2009**, 66-80	0.9	9
9	A Simple Approach for Testing Web Service Based Applications. *Lecture Notes in Computer Science*, **2006**, 134-146	0.9	9
8	Robustness of Composed Timed Systems. *Lecture Notes in Computer Science*, **2005**, 157-166	0.9	2
7	Conformance Testing of Real-Time Component Based Systems. *Lecture Notes in Computer Science*, **2005**, 167-181	0.9	
6	Integrated Tool for Testing Timed Systems. *Lecture Notes in Computer Science*, **2005**, 153-166	0.9	0

5	A Simple Testing Technique for Embedded Systems. *Lecture Notes in Computer Science*, **2004**, 159-170	0.9	3
4	Testing Protocol Robustness. *Lecture Notes in Computer Science*, **2003**, 201-215	0.9	
3	Conformance Testing Techniques for Timed Systems. *Lecture Notes in Computer Science*, **2002**, 1-19	0.9	
2	From Timed Automata to Testable Untimed Automata. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1999**, 32, 189-194		4
1	Fibonacci tiles strategy for optimal coverage in IoT networks. *Annales Des Telecommunications/Annals of Telecommunications*,1	2	