

Joaquim Ferreira

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5970879/joaquim-ferreira-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68

papers

768

citations

14

h-index

26

g-index

88

ext. papers

1,026

ext. citations

2.8

avg, IF

4.22

L-index

#	Paper	IF	Citations
68	An overview of electromagnetic inductance tomography: description of three different systems. <i>Measurement Science and Technology</i> , 1996 , 7, 261-271	2	136
67	Orchestration of Microservices for IoT Using Docker and Edge Computing. <i>IEEE Communications Magazine</i> , 2018 , 56, 118-123	9.1	110
66	Introduction to Intelligent Transportation Systems. <i>Studies in Systems, Decision and Control</i> , 2016 , 1-17	0.8	55
65	Orchestration of containerized microservices for IIoT using Docker 2017 ,		36
64	Automatic accident detection with multi-modal alert system implementation for ITS. <i>Vehicular Communications</i> , 2016 , 3, 1-11	5.7	35
63	Survey on low power real-time wireless MAC protocols. <i>Journal of Network and Computer Applications</i> , 2016 , 75, 293-316	7.9	30
62	Combining operational flexibility and dependability in FTT-CAN. <i>IEEE Transactions on Industrial Informatics</i> , 2006 , 2, 95-102	11.9	29
61	Intelligent Transportation Systems. <i>Studies in Systems, Decision and Control</i> , 2016 ,	0.8	25
60	Real-Time Smart Parking Systems Integration in Distributed ITS for Smart Cities. <i>Journal of Advanced Transportation</i> , 2018 , 2018, 1-13	1.9	21
59	The FTT-CAN protocol for flexibility in safety-critical systems. <i>IEEE Micro</i> , 2002 , 22, 46-55	1.8	19
58	Implementation and analysis of traffic safety protocols based on ETSI Standard 2015 ,		16
57	Implementation and Analysis of IEEE and ETSI Security Standards for Vehicular Communications. <i>Mobile Networks and Applications</i> , 2018 , 23, 469-478	2.9	15
56	IOTA Feasibility and Perspectives for Enabling Vehicular Applications 2018 ,		15
55	. <i>IEEE Vehicular Technology Magazine</i> , 2017 , 12, 50-59	9.9	14
54	Self-Sovereign Identity: Use-cases, Technologies, and Challenges for Industrial IoT 2019 ,		13
53	Mobile Application for Automatic Accident Detection and Multimodal Alert 2015 ,		12
52	Achieving fault tolerance in FTT-CAN		12

51	Supporting Deterministic Wireless Communications in Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 4045-4054	11.9	11
50	Cooperative driver stress sensing integration with eCall system for improved road safety 2017 ,		10
49	Cooperative sensing for improved traffic efficiency: The highway field trial. <i>Computer Networks</i> , 2018 , 143, 82-97	5.4	8
48	Implementing a distributed sensing and actuation system: The CAMBADA robots case study		8
47	Integration of smart parking in distributed ITS architecture 2016 ,		8
46	Adapting SDN datacenters to support Cloud IIoT applications 2015 ,		7
45	Mitigating adjacent channel interference in vehicular communication systems. <i>Digital Communications and Networks</i> , 2016 , 2, 57-64	5.9	7
44	The Case for Wireless Vehicular Communications Supported by Roadside Infrastructure 2015 , 57-82		6
43	Enforcing flexibility in real-time wireless communications: A bandjacking enabled protocol 2009 ,		6
42	Development of an ITS-G5 Station, from the Physical to the MAC Layer 2016 , 1-36		6
41	A Survey on Fault Tolerance Techniques for Wireless Vehicular Networks. <i>Electronics (Switzerland)</i> , 2019 , 8, 1358	2.6	6
40	2016 ,		5
39	Blockchain Enabled Vehicular Communications: Fad or Future? 2018 ,		5
38	STDMA-based Scheduling Algorithm for Infrastructured Vehicular Networks. <i>Studies in Systems, Decision and Control</i> , 2016 , 81-105	0.8	4
37	Towards Reliable Wireless Vehicular Communications 2015 ,		4
36	Dependable Automotive CAN Networks. <i>Industrial Information Technology Series</i> , 2008 , 130-181		4
35	A Modular Control Architecture for a Small Electric Vehicle 2006 ,		4
34	Putaminal petechial haemorrhage as the cause of non-ketotic hyperglycaemic chorea: a neuropathological case correlated with MRI findings. <i>BMJ Case Reports</i> , 2009 , 2009,	0.9	4

33	Deterministic Vehicular Communications Supported by the Roadside Infrastructure: A Case Study. <i>Studies in Systems, Decision and Control</i> , 2016 , 49-80	0.8	4
32	Corrigendum to Real-Time Smart Parking Systems Integration in Distributed ITS for Smart Cities□ <i>Journal of Advanced Transportation</i> , 2018 , 2018, 1-1	1.9	4
31	Implementation and analysis of Wireless Flexible Time-Triggered protocol. <i>Ad Hoc Networks</i> , 2017 , 58, 36-53	4.8	3
30	Monitoring V2X applications using DevOps and docker 2017 ,		3
29	PASMO: An open living lab for cooperative ITS and smart regions 2017 ,		3
28	Fault Tolerant Architecture for Infrastructure based Vehicular Networks. <i>Studies in Systems, Decision and Control</i> , 2016 , 169-194	0.8	3
27	Software defined P2P architecture for reliable vehicular communications. <i>Pervasive and Mobile Computing</i> , 2017 , 42, 411-425	3.5	3
26	IOTApas: Enabling Public Transport Payments with IOTA 2020 ,		3
25	TRUST: Transportation and Road Monitoring System for Ubiquitous Real-Time Information Services 2020 ,		3
24	Pay as You Go: A Generic Crypto Tolling Architecture. <i>IEEE Access</i> , 2020 , 8, 196212-196222	3.5	3
23	An RSU Replication Scheme for Dependable Wireless Vehicular Networks 2016 ,		3
22	Towards Personal Virtual Traffic Lights. <i>Information (Switzerland)</i> , 2019 , 10, 32	2.6	2
21	Energy issues of bike sharing systems: From energy harvesting to contactless battery charging 2015 ,		2
20	Performance Assessment of Collective Perception Service Supported by the Roadside Infrastructure. <i>Electronics (Switzerland)</i> , 2022 , 11, 347	2.6	2
19	HDy Copilot: A Mobile Application for Automatic Accident Detection and Multimodal Alert Dissemination. <i>Studies in Systems, Decision and Control</i> , 2016 , 241-270	0.8	2
18	Secure Multi-access Edge Computing Assisted Maneuver Control for Autonomous Vehicles 2021 ,		2
17	Securing Seaport Logistic Vehicles Using a Distributed Ledger-Based Credential Management System. <i>IEEE Open Journal of Vehicular Technology</i> , 2021 , 2, 162-179	5.3	2
16	Enabling Green Building□ Comfort Using Information and Communication Technologies: A Systematic Review of the Literature. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 197-208	0.4	1

15	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 965-976	6.1	1
14	Acoustic smart sensors based integrated system for smart homes 2017 ,		1
13	Fail silence mechanism for dependable vehicular communications. <i>International Journal of High Performance Computing and Networking</i> , 2017 , 10, 534	1	1
12	Supporting Deterministic Medium Access Control in Wireless Vehicular Communications 2015 ,		1
11	Reliable Delivery of Safety Messages in Infrastructure Based Vehicular Networks 2015 ,		1
10	Components to Enforce Fail-Silent Behavior in Dynamic Master-Slave Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003 , 36, 143-150		1
9	Enforcing Replica Determinism in the Road Side Units of Fault-Tolerant Vehicular Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 3-12	0.2	1
8	A Proposal for an Improved Distributed MAC Protocol for Vehicular Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 24-33	0.2	0
7	Non-IP Multi-protocol Stack for Vehicular Communications. <i>Mobile Networks and Applications</i> , 2018 , 23, 1179-1193	2.9	0
6	Implementation of Security Services for Vehicular Communications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 79-90	0.2	
5	A Deterministic MAC Protocol for Infrastructure to Vehicle Communications in Motorways. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 13-23	0.2	
4	Performance Evaluation of SIMO Techniques in IEEE 802.11p. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 91-100	0.2	
3	A Novel MAC Scheme for Reliable Safety Messages Dissemination in Vehicular Networks. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 521-529	0.4	
2	Enabling Buildings Comfort Using Context-Aware Technologies: A Systematic Review of the Literature. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 599-608	0.4	
1	A Systematic Review of Context-Aware Technologies Applied to Buildings Comfort. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 323-332	0.4	