

# Francisco Vasques

## List of Publications by Year in descending order

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181  
papers

1,902  
citations

430442

18  
h-index

414034

32  
g-index

183  
all docs

183  
docs citations

183  
times ranked

1192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time fieldbus communications using Profibus networks. IEEE Transactions on Industrial Electronics, 1999, 46, 1241-1251.	5.2	165
2	Reliability and Availability Evaluation of Wireless Sensor Networks for Industrial Applications. Sensors, 2012, 12, 806-838.	2.1	159
3	Cycle time properties of the PROFIBUS timed-token protocol. Computer Communications, 1999, 22, 1206-1216.	3.1	56
4	An approach to implement data fusion techniques in wireless sensor networks using genetic machine learning algorithms. Information Fusion, 2014, 15, 90-101.	11.7	56
5	VTP-CSMA: A Virtual Token Passing Approach for Real-Time Communication in IEEE 802.11 Wireless Networks. IEEE Transactions on Industrial Informatics, 2007, 3, 215-224.	7.2	52
6	Reliable real-time communication in can networks. IEEE Transactions on Computers, 2003, 52, 1594-1607.	2.4	48
7	Availability Issues in Wireless Visual Sensor Networks. Sensors, 2014, 14, 2795-2821.	2.1	47
8	Schedulability analysis of real-time traffic in WorldFIP networks: an integrated approach. IEEE Transactions on Industrial Electronics, 2002, 49, 1165-1174.	5.2	38
9	A Temperature-Dependent Battery Model for Wireless Sensor Networks. Sensors, 2017, 17, 422.	2.1	37
10	Estimating the Lifetime of Wireless Sensor Network Nodes through the Use of Embedded Analytical Battery Models. Journal of Sensor and Actuator Networks, 2017, 6, 8.	2.3	35
11	A Distributed Multi-Tier Emergency Alerting System Exploiting Sensors-Based Event Detection to Support Smart City Applications. Sensors, 2020, 20, 170.	2.1	33
12	A Survey of Emergencies Management Systems in Smart Cities. IEEE Access, 2022, 10, 61843-61872.	2.6	33
13	Real-time communications over hybrid wired/wireless PROFIBUS-based networks. , 0, , .		31
14	Research Trends in Wireless Visual Sensor Networks When Exploiting Prioritization. Sensors, 2015, 15, 1760-1784.	2.1	29
15	Guaranteeing real-time message deadlines in PROFIBUS networks. , 0, , .		26
16	Enhancing the availability of wireless visual sensor networks: Selecting redundant nodes in networks with occlusion. Applied Mathematical Modelling, 2017, 42, 223-243.	2.2	26
17	Integrating inaccessibility in response time analysis of CAN networks. , 0, , .		25
18	Adaptive Monitoring Relevance in Camera Networks for Critical Surveillance Applications. International Journal of Distributed Sensor Networks, 2013, 9, 836721.	1.3	25

#	ARTICLE	IF	CITATIONS
19	Supporting real-time distributed computer-controlled systems with multi-hop P-NET networks. <i>Control Engineering Practice</i> , 1999, 7, 1015-1025.	3.2	22
20	Simulation Analysis of the IEEE 802.11e EDCA Protocol for an Industrially-Relevant Real-Time Communication Scenario. , 2006, , .		22
21	Pre-run-time schedulability analysis in Fieldbus networks. , 0, , .		21
22	Distributed computing for the factory-floor: a real-time approach using WorldFIP networks. <i>Computers in Industry</i> , 2001, 44, 11-31.	5.7	21
23	A new MAC scheme specifically suited for real-time industrial communication based on IEEE 802.11e. <i>Computers and Electrical Engineering</i> , 2013, 39, 1684-1704.	3.0	21
24	Real-Time Communication in Unconstrained Shared Ethernet Networks: The Virtual Token-Passing Approach. , 0, , .		20
25	Selecting redundant nodes when addressing availability in wireless visual sensor networks. , 2014, , .		20
26	Performance evaluation of a compression algorithm for wireless sensor networks in monitoring applications. , 2008, , .		19
27	NetCoDer: A Retransmission Mechanism for WSNs Based on Cooperative Relays and Network Coding. <i>Sensors</i> , 2016, 16, 799.	2.1	19
28	Simulation models for IEC 61850 communication in electrical substations using GOOSE and SMV time-critical messages. , 2016, , .		19
29	Superframe Duration Allocation Schemes to Improve the Throughput of Cluster-Tree Wireless Sensor Networks. <i>Sensors</i> , 2017, 17, 249.	2.1	19
30	Automated Methodology for Dependability Evaluation of Wireless Visual Sensor Networks. <i>Sensors</i> , 2018, 18, 2629.	2.1	19
31	Handling real-time communication in infrastructured IEEE 802.11 wireless networks: The RT-WiFi approach. <i>Journal of Communications and Networks</i> , 2019, 21, 319-334.	1.8	18
32	Timing analysis of reliable real-time communication in CAN networks. , 0, , .		17
33	A TDMA-based mechanism for real-time communication in IEEE 802.11e networks. , 2010, , .		17
34	Outlier detection using k-means clustering and lightweight methods for Wireless Sensor Networks. , 2016, , .		16
35	Real-Time Analysis of Time-Critical Messages in IEC 61850 Electrical Substation Communication Systems. <i>Energies</i> , 2019, 12, 2272.	1.6	16
36	A Stochastic Petri Net Model for the Simulation Analysis of the IEEE 802.11e EDCA Communication Protocol. , 2006, , .		14

#	ARTICLE	IF	CITATIONS
37	Limitations of the IEEE 802.11e EDCA protocol when supporting real-time communication. , 2008, , .		14
38	Assessment of the IEEE 802.11e EDCA Protocol Limitations when Dealing with Real-Time Communication. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	1.5	14
39	A review of scalability and topological stability issues in IEEE 802.11s wireless mesh networks deployments. International Journal of Communication Systems, 2016, 29, 671-693.	1.6	13
40	An Optimized Relay Selection Technique to Improve the Communication Reliability in Wireless Sensor Networks. Sensors, 2018, 18, 3263.	2.1	13
41	Editorial Special Section on Communication in Automation. IEEE Transactions on Industrial Informatics, 2006, 2, 73-77.	7.2	12
42	Challenges in Health Smart Homes. , 2008, , .		12
43	Effect of frame size on energy consumption in wireless image sensor networks. , 2012, , .		12
44	Limitations of the IEEE 802.11 DCF, PCF, EDCA and HCCA to handle real-time traffic. , 2015, , .		12
45	CT-SIM: A simulation model for wide-scale cluster-tree networks based on the IEEE 802.15.4 and ZigBee standards. International Journal of Distributed Sensor Networks, 2017, 13, 155014771769847.	1.3	12
46	Replication Management in Reliable Real-Time Systems. Real-Time Systems, 2004, 26, 261-296.	1.1	11
47	(m,k)-firm pattern spinning to improve the GTS allocation of periodic messages in IEEE 802.15.4 networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	11
48	Availability assessment of wireless visual sensor networks for target coverage. , 2014, , .		11
49	Modelling Coverage Failures Caused by Mobile Obstacles for the Selection of Faultless Visual Nodes in Wireless Sensor Networks. IEEE Access, 2020, 8, 41537-41550.	2.6	11
50	Combining Network Coding and Retransmission Techniques to Improve the Communication Reliability of Wireless Sensor Network. Information (Switzerland), 2021, 12, 184.	1.7	11
51	Title is missing!. Real-Time Systems, 2002, 22, 229-249.	1.1	10
52	An Advanced Battery Model for WSN Simulation in Environments With Temperature Variations. IEEE Sensors Journal, 2018, 18, 8179-8191.	2.4	10
53	A group membership protocol for communication systems with both static and dynamic scheduling. , 2006, , .		9
54	A TDMA-based mechanism to enforce real-time behavior in WiFi networks. , 2008, , .		9

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55	A DHT-based approach for Path Selection and Message Forwarding in IEEE 802.11s industrial Wireless Mesh Networks. , 2009, , .		9
56	Enforcing the timing behavior of real-time stations in legacy bus-based industrial Ethernet networks. Computer Standards and Interfaces, 2011, 33, 249-261.	3.8	9
57	A coordination layer to handle real-time communication in Wi-Fi networks with uncontrolled traffic sources. , 2011, , .		9
58	A routing mechanism based on the sensing relevancies of source nodes for time-critical applications in visual sensor networks. , 2012, , .		9
59	Energy-Efficient Packet Relaying in Wireless Image Sensor Networks Exploiting the Sensing Relevancies of Source Nodes and DWT Coding. Journal of Sensor and Actuator Networks, 2013, 2, 424-448.	2.3	9
60	Enhancing Redundancy in Wireless Visual Sensor Networks for Target Coverage. , 2014, , .		9
61	A scheme for slot allocation of the FlexRay Static Segment based on response time analysis. Computer Communications, 2015, 63, 65-76.	3.1	9
62	Dynamic Reconfiguration of Cluster-Tree Wireless Sensor Networks to Handle Communication Overloads in Disaster-Related Situations. Sensors, 2020, 20, 4707.	2.1	9
63	Non pre-emptive scheduling of messages on SMTV token-passing networks. , 0, , .		8
64	Evaluation of the timing properties of two control networks: CAN and PROFIBUS. , 0, , .		8
65	Genetic Machine Learning algorithms in the optimization of communication efficiency in Wireless Sensor Networks. , 2009, , .		8
66	Guaranteeing real-time message deadlines in the FlexRay static segment using a on-line scheduling approach. , 2012, , .		8
67	Timing Analysis of hybrid FlexRay, CAN-FD and CAN vehicular networks. , 2016, , .		8
68	Reliability Evaluation of Broadcast Protocols for FlexRay. IEEE Transactions on Vehicular Technology, 2016, 65, 525-541.	3.9	8
69	Real-time communication services in a DQDB network. , 1994, , .		7
70	From task scheduling in single processor environments to message scheduling in a PROFIBUS fieldbus network. Lecture Notes in Computer Science, 1999, , 339-352.	1.0	7
71	Distributed DBP: A (m,k)-firm based distributed approach for QoS provision in IEEE 802.15.4 networks. , 2009, , .		7
72	GLHOVE: A framework for uniform coverage monitoring using cluster-tree wireless sensor networks. , 2013, , .		7

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73	Optimal sensing redundancy for multiple perspectives of targets in wireless visual sensor networks. , 2015, , .		7
74	A reference model for the timing analysis of heterogeneous automotive networks. Computer Standards and Interfaces, 2016, 45, 13-25.	3.8	7
75	On the Use of Cameras for the Detection of Critical Events in Sensors-Based Emergency Alerting Systems. Journal of Sensor and Actuator Networks, 2020, 9, 46.	2.3	7
76	Designing Real-Time Systems Based on Mono-Master Profibus-DP Networks 1. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 19-26.	0.4	6
77	MULTI-MASTER PROFIBUS DP MODELLING AND WORST CASE ANALYSIS-BASED EVALUATION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 343-348.	0.4	6
78	Real-Time Traffic Separation in Shared Ethernet Networks: Simulation Analysis of the h-BEB Collision Resolution Algorithm. , 0, , .		6
79	Real-Time Communication in 802.11 Networks: The Virtual Token Passing VTP-CSMA Approach. Local Computer Networks (LCN), Proceedings of the IEEE Conference on, 2006, , .	0.0	6
80	Real-Time Communication for Smart Sensor Networks: A CAN Based Solution. Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on, 2007, , .	0.0	6
81	Survey of Real-Time Communication in CSMA-Based Networks. Network Protocols and Algorithms, 2010, 2, .	1.0	6
82	Experimental evaluation of multiple retransmission schemes in IEEE 802.15.4 wireless sensor networks. , 2012, , .		6
83	QoV: Assessing the monitoring quality in visual sensor networks. , 2012, , .		6
84	Modeling the reliability of a group membership protocol for dual-scheduled time division multiple access networks. Computer Standards and Interfaces, 2012, 34, 281-291.	3.8	6
85	A WSN data retransmission mechanism based on network coding and cooperative relayers. , 2015, , .		6
86	Experimental validation of a battery model for low-power nodes in Wireless Sensor Networks. , 2016, , .		6
87	A Comprehensive Dependability Model for QoM-Aware Industrial WSN When Performing Visual Area Coverage in Occluded Scenarios. Sensors, 2020, 20, 6542.	2.1	6
88	Setting Target Rotation Time in Profibus Based Real-Time Distributed Applications. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 1-6.	0.4	5
89	Schedulability analysis of messages in a CAN network applied to an unmanned airship. , 0, , .		5
90	An Event-Triggered Smart Sensor Network Architecture. Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on, 2007, , .	0.0	5

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91	DHT-based Cluster Routing Protocol for IEEE802.11s Mesh networks. , 2009, , .		5
92	A forcing collision resolution approach able to prioritize traffic in CSMA-based networks. Computer Communications, 2010, 33, 54-64.	3.1	5
93	Dependability evaluation of WirelessHART best practices. , 2012, , .		5
94	Energy consumption and spatial diversity trade-off in autonomic Wireless Sensor Networks: The (m,r)-Gur Game approach. , 2013, , .		5
95	FoV-Based Quality Assessment and Optimization for Area Coverage in Wireless Visual Sensor Networks. IEEE Access, 2020, 8, 109568-109580.	2.6	5
96	Automatic Assignment of Emergency Vehicles in Response to Sensors-based Generated Alarms in Smart City Scenarios. , 2020, , .		5
97	Multi- $\hat{1}/4$ . , 1998, , .		4
98	Pre-run-time schedulability analysis of P-NET fieldbus networks. , 0, , .		4
99	Adding local priority-based dispatching mechanisms to P-NET networks: a fixed priority approach. , 0, , .		4
100	Distributed Computer-Controlled Systems: The Dear-COTS Approach 1. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 113-120.	0.4	4
101	Engineering Real-Time Applications with WorldFIP: Analysis and Tools. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 245-250.	0.4	4
102	A Comparison of the Communication Impact in CAN and TTP/C networks when supporting Steer-by-Wire Systems. , 0, , .		4
103	PROBABILISTIC TIMING ANALYSIS OF THE h-BEB COLLISION RESOLUTION ALGORITHM. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 107-114.	0.4	4
104	Dynamic GTS Scheduling of Periodic Skippable Slots in IEEE 802.15.4 Wireless Sensor Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 110-117.	0.4	4
105	Implementing the wireless FTT protocol: A feasibility analysis. , 2010, , .		4
106	A new AODV-based routing protocol adequate for monitoring applications in oil & gas production environments. , 2010, , .		4
107	Assessment of the Interference caused by uncontrolled traffic sources upon real-time communication in IEEE 802.11-based mesh networks. , 2012, , .		4
108	Relevance-based balanced sink mobility in wireless visual sensor networks. , 2014, , .		4

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109	Alternative Path Communication in Wide-Scale Cluster-Tree Wireless Sensor Networks Using Inactive Periods. <i>Sensors</i> , 2017, 17, 1049.	2.1	4
110	Experimental assessment of LNCá€based cooperative communication schemes using commercial off-the-shelf wireless sensor network nodes. <i>International Journal of Communication Systems</i> , 2018, 31, e3508.	1.6	4
111	Programming atomic multicast in CAN. <i>ACM SIGAda Ada Letters</i> , 2001, XXI, 79-84.	0.1	4
112	A MODEL BASED ON A STOCHASTIC PETRI NET APPROACH FOR DEPENDABILITY EVALUATION OF CONTROLLER AREA NETWORKS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005, 38, 150-157.	0.4	3
113	GSC: A REAL-TIME COMMUNICATION SCHEME FOR IEEE 802.11E INDUSTRIAL SYSTEMS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007, 40, 111-118.	0.4	3
114	Technical and economical assessment of the use of wireless gateways in industrial networks. , 2009, , .		3
115	Comparing RT-WiFi and HCCA approaches to handle real-time traffic in open communication environments. , 2012, , .		3
116	Real-Time Industrial Communication over IEEE802.11e Wireless Local Area Networks. <i>IEEE Latin America Transactions</i> , 2012, 10, 1844-1849.	1.2	3
117	Evaluating the impact of uncontrolled traffic sources upon real-time communication in IEEE 802.11s mesh networks. , 2014, , .		3
118	Real-time communication in IEEE 802.11s mesh networks: simulation assessment considering the interference of non-real-time traffic sources. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2014, 2014, .	1.5	3
119	DCRP: a scalable path selection and forwarding scheme for IEEE 802.11s wireless mesh networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015, 2015, .	1.5	3
120	A framework to support dependability evaluation of WSNs from AADL models. , 2015, , .		3
121	Polynomial Approximation of the Battery Discharge Function in IEEE 802.15.4 Nodes: Case Study of MicaZ. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 901-910.	0.5	3
122	On the timeliness of multi-hop non-beaconed ZigBee broadcast communications. , 2008, , .		2
123	A 2-tier architecture to support real-time communication in CSMA-based networks. , 2008, , .		2
124	Guest Editorial: Special Section on Communication in Automationâ€”Part II. <i>IEEE Transactions on Industrial Informatics</i> , 2008, 4, 69-70.	7.2	2
125	The impact of control delay upon the performance of a DC-motor control: Comparison of a centralized vs. a network-based approach. , 2009, , .		2
126	Preliminary results on the assessment of WirelessHART networks in transient fault scenarios. , 2011, , .		2



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127	A semi-reliable energy-efficient retransmission mechanism based on the sensing relevancies of source nodes for wireless image sensor networks. , 2012, , .		2
128	Relevance-based partial reliability in wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	2
129	AdapTA: Adaptive timeslot allocation scheme for IEEE 802.15.4e LLDN mode. , 2016, , .		2
130	REPO: A Microservices Elastic Management System for Cost Reduction in the Cloud. , 2018, , .		2
131	Using Ravenscar to support fault-tolerant real-time applications. ACM SIGAda Ada Letters, 2002, XXII, 47-52.	0.1	2
132	Reliable Communication in Distributed Computer-Controlled Systems. Lecture Notes in Computer Science, 2001, , 136-147.	1.0	2
133	Programming atomic multicast in CAN. , 2001, , .		2
134	Formal Verification of a Group Membership Protocol Using Model Checking. , 2007, , 471-488.		2
135	Replica management in real-time Ada 95 applications. , 1999, , .		1
136	Guaranteeing DCCS timing requirements using P-NET fieldbus networks. , 0, , .		1
137	AvaliaÃ§Ã£o das propriedades temporais de duas redes de controle: CAN e PROFIBUS. Acta Scientiarum - Technology, 2003, 25, 193.	0.4	1
138	Genetic machine learning approach for data fusion applications in dense Wireless Sensor Networks. , 2008, , .		1
139	Guest Editorial Special Section on Communication in Automationâ€™Part I. IEEE Transactions on Industrial Informatics, 2008, 4, 2-5.	7.2	1
140	Reliable communication for DuST networks. , 2009, , .		1
141	A proposal of real-time publish-subscribe scheme compatible with 802.11e wireless networks. , 2009, , .		1
142	Guaranteed Time Slot allocation for periodic messages with (m, k)-firm constraints in IEEE 802.15.4 networks. , 2012, , .		1
143	Expansion of the available use classes in IEEE 802.15.4 networks for usage in the industrial environment. , 2012, , .		1
144	Energy-efficient packet relaying based on the sensing relevancies of source nodes in visual sensor networks. , 2012, , .		1

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145	Schedulability Analysis of Sporadic Messages in the FlexRay Dynamic Segment. , 2012, , .		1
146	Delay-aware DWT-based image transmission in wireless visual sensor networks. , 2013, , .		1
147	Partial energy-efficient hop-by-hop retransmission in wireless sensor networks. , 2013, , .		1
148	An opportunistic approach to deal with real-time mesh communication in wireless sensor networks. , 2014, , .		1
149	Quality of service provision assessment for DDBP approach in IEEE 802.15.4 networks. , 2014, , .		1
150	A geometrical approach to compute source prioritization based on target viewing in wireless visual sensor networks. , 2016, , .		1
151	An allocation scheme for IEEE 802.15.4-ZigBee cluster-tree networks. , 2016, , .		1
152	A New Association Scheme for Handling Node Mobility in Cluster-Tree Wireless Sensor Networks. Sensors, 2020, 20, 5694.	2.1	1
153	A Mathematical Model to Evaluate Visual Sensing Coverage of Emergency Signs on Moving Vehicles. , 2021, , .		1
154	A Model Based on a Stochastic Petri Net Approach for Dependability Evaluation of Controller Area Networks. , 2006, , 150-157.		1
155	Probabilistic Timing Analysis of the h-Beb Collision Resolution Algorithm <sup>11</sup> This work has been partially supported by IDMEC and by FCT (project ADVANSYS and BD 13203/2003).. , 2006, , 107-114.		1
156	Using BDI-Agents with Coordination without Communication to Increase Lifetime, Preserving Autonomy and Flexibility in Wireless Sensor Networks. Lecture Notes in Computer Science, 2010, , 243-252.	1.0	1
157	Routing Protocols for IEEE 802.11-Based Mesh Networks. , 2015, , 6295-6306.		1
158	Exploiting DHT's Properties to Improve the Scalability of Mesh Networks. , 2015, , 6177-6185.		1
159	RT-WiFi Approach to Handle Real-Time Communication: An Experimental Evaluation. Lecture Notes in Computer Science, 2019, , 290-303.	1.0	1
160	Multi-criteria Analysis to Select Relay Nodes in the ORST Technique. Lecture Notes in Computer Science, 2019, , 167-182.	1.0	1
161	The network transparency concept in Fieldbus based distributed systems. , 0, , .		0
162	Multi- $\hat{1}$ / $\hat{4}$ . ACM SIGAda Ada Letters, 1998, XVIII, 52-60.	0.1	0

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163	Replica management in real-time Ada 95 applications. ACM SIGAda Ada Letters, 1999, XIX, 21-27.	0.1	0
164	To Ada or not to Ada. ACM SIGAda Ada Letters, 1999, XIX, 37-43.	0.1	0
165	A Quality-of-Service (QoS) Based Approach for the Communication Support in Network-Based Control Systems: An On-Going Project. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 641-646.	0.4	0
166	IMPLEMENTATION OF AN EVENT-TRIGGERED SMART SENSOR NETWORK ARCHITECTURE BASED ON THE IEEE 802.15.4 STANDARD. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 279-284.	0.4	0
167	Welcome messages. , 2008, , .		0
168	An admission control mechanism to handle real-time traffic in IEEE 802.11 networks in open communication environments. , 2012, , .		0
169	A framework for dependability evaluation of industrial processes. , 2013, , .		0
170	Recovery Effect in Low-Power Nodes of Wireless Sensor Networks. Communications in Computer and Information Science, 2017, , 45-62.	0.4	0
171	Visual Sensor Networks and Related Applications. Sensors, 2019, 19, 4960.	2.1	0
172	Assessment of Different Algorithms to Solve the Set-Covering Problem in a Relay Selection Technique. , 2020, , .		0
173	Special issue with selected papers from 2018 Brazilian Symposium on Computer Engineering (SBESC) Tj ETQq1 1 0,784314 rgBT / Overl	0.7	0
174	An Architecture for Reliable Distributed Computer-Controlled Systems. IFIP Advances in Information and Communication Technology, 2001, , 43-52.	0.5	0
175	Using Ravenscar to support fault-tolerant real-time applications. ACM SIGAda Ada Letters, 2002, , .	0.1	0
176	Transparent Environment for Replicated Ravenscar Applications. Lecture Notes in Computer Science, 2002, , 297-308.	1.0	0
177	A Reliability Evaluation of a Group Membership Protocol. Lecture Notes in Computer Science, 2007, , 397-410.	1.0	0
178	Supporting Real-Time Communication in Large-Scale Wireless Sensor Networks. , 2015, , 7371-7380.		0
179	Real-Time Communication Support in IEEE 802.11-Based Wireless Mesh Networks. , 2015, , 7247-7259.		0
180	Um Protocolo Genérico Eficiente de Energia para Aplicações em Redes de Sensores sem Fio sem Restrição de Tempo de Resposta. Revista De Tecnologia Da Informação E Comunicação, 2015, 5, 8-15.	0.1	0

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181	Wireless IEEE 802.11-Based Networking Approaches for Industrial Networked Systems. , 0, , 286-305.		0