## Francisco Vasques

## 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.

161 16 28 1,263 h-index g-index citations papers 1,604 183 4.49 3.4 avg, IF L-index ext. citations ext. papers

#	Paper	IF	Citations
161	A Survey of Emergencies Management Systems in Smart Cities. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	2
160	Combining Network Coding and Retransmission Techniques to Improve the Communication Reliability of Wireless Sensor Network. <i>Information (Switzerland)</i> , <b>2021</b> , 12, 184	2.6	5
159	On the Use of Cameras for the Detection of Critical Events in Sensors-Based Emergency Alerting Systems. <i>Journal of Sensor and Actuator Networks</i> , <b>2020</b> , 9, 46	3.8	2
158	Modelling Coverage Failures Caused by Mobile Obstacles for the Selection of Faultless Visual Nodes in Wireless Sensor Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 41537-41550	3.5	5
157	Special issue with selected papers from 2018 Brazilian Symposium on Computer Engineering (SBESC 2018). <i>Design Automation for Embedded Systems</i> , <b>2020</b> , 24, 1-2	0.6	
156	Automatic Assignment of Emergency Vehicles in Response to Sensors-based Generated Alarms in Smart City Scenarios <b>2020</b> ,		1
155	FoV-Based Quality Assessment and Optimization for Area Coverage in Wireless Visual Sensor Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 109568-109580	3.5	2
154	A Comprehensive Dependability Model for QoM-Aware Industrial WSN When Performing Visual Area Coverage in Occluded Scenarios. <i>Sensors</i> , <b>2020</b> , 20,	3.8	2
153	Dynamic Reconfiguration of Cluster-Tree Wireless Sensor Networks to Handle Communication Overloads in Disaster-Related Situations. <i>Sensors</i> , <b>2020</b> , 20,	3.8	4
152	Handling real-time communication in infrastructured IEEE 802.11 wireless networks: The RT-WiFi approach. <i>Journal of Communications and Networks</i> , <b>2019</b> , 21, 319-334	4.1	13
151	Real-Time Analysis of Time-Critical Messages in IEC 61850 Electrical Substation Communication Systems. <i>Energies</i> , <b>2019</b> , 12, 2272	3.1	4
150	RT-WiFi Approach to Handle Real-Time Communication: An Experimental Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 290-303	0.9	O
149	Multi-criteria Analysis to Select Relay Nodes in the ORST Technique. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 167-182	0.9	O
148	A Distributed Multi-Tier Emergency Alerting System Exploiting Sensors-Based Event Detection to Support Smart City Applications. <i>Sensors</i> , <b>2019</b> , 20,	3.8	12
147	Experimental assessment of LNC-based cooperative communication schemes using commercial off-the-shelf wireless sensor network nodes. <i>International Journal of Communication Systems</i> , <b>2018</b> , 31, e3508	1.7	2
146	Automated Methodology for Dependability Evaluation of Wireless Visual Sensor Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	11
145	An Optimized Relay Selection Technique to Improve the Communication Reliability in Wireless Sensor Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	9

## (2015-2018)

144	An Advanced Battery Model for WSN Simulation in Environments With Temperature Variations. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 8179-8191	4	5
143	CT-SIM: A simulation model for wide-scale cluster-tree networks based on the IEEE 802.15.4 and ZigBee standards. <i>International Journal of Distributed Sensor Networks</i> , <b>2017</b> , 13, 155014771769847	1.7	5
142	Superframe Duration Allocation Schemes to Improve the Throughput of Cluster-Tree Wireless Sensor Networks. <i>Sensors</i> , <b>2017</b> , 17,	3.8	11
141	Alternative Path Communication in Wide-Scale Cluster-Tree Wireless Sensor Networks Using Inactive Periods. <i>Sensors</i> , <b>2017</b> , 17,	3.8	2
140	Recovery Effect in Low-Power Nodes of Wireless Sensor Networks. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 45-62	0.3	
139	Enhancing the availability of wireless visual sensor networks: Selecting redundant nodes in networks with occlusion. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 42, 223-243	4.5	16
138	Estimating the Lifetime of Wireless Sensor Network Nodes through the Use of Embedded Analytical Battery Models. <i>Journal of Sensor and Actuator Networks</i> , <b>2017</b> , 6, 8	3.8	25
137	A Temperature-Dependent Battery Model for Wireless Sensor Networks. Sensors, 2017, 17,	3.8	23
136	A review of scalability and topological stability issues in IEEE 802.11s wireless mesh networks deployments. <i>International Journal of Communication Systems</i> , <b>2016</b> , 29, 671-693	1.7	11
135	A reference model for the timing analysis of heterogeneous automotive networks. <i>Computer Standards and Interfaces</i> , <b>2016</b> , 45, 13-25	3.5	6
134	Reliability Evaluation of Broadcast Protocols for FlexRay. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 525-541	6.8	7
133	NetCoDer: A Retransmission Mechanism for WSNs Based on Cooperative Relays and Network Coding. <i>Sensors</i> , <b>2016</b> , 16,	3.8	14
132	Simulation models for IEC 61850 communication in electrical substations using GOOSE and SMV time-critical messages <b>2016</b> ,		9
131	Experimental validation of a battery model for low-power nodes in Wireless Sensor Networks 2016,		5
130	Outlier detection using k-means clustering and lightweight methods for Wireless Sensor Networks <b>2016</b> ,		9
129	Timing Analysis of hybrid FlexRay, CAN-FD and CAN vehicular networks <b>2016</b> ,		6
128	AdapTA: Adaptive timeslot allocation scheme for IEEE 802.15.4e LLDN mode <b>2016</b> ,		2
127	Research trends in wireless visual sensor networks when exploiting prioritization. <i>Sensors</i> , <b>2015</b> , 15, 17	- 6 <del>9.</del> <b>8</b> 4	22

126	A scheme for slot allocation of the FlexRay Static Segment based on response time analysis. <i>Computer Communications</i> , <b>2015</b> , 63, 65-76	5.1	7
125	A WSN data retransmission mechanism based on network coding and cooperative relayers <b>2015</b> ,		4
124	DCRP: a scalable path selection and forwarding scheme for IEEE 802.11s wireless mesh networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2015</b> , 2015,	3.2	2
123	A framework to support dependability evaluation of WSNs from AADL models 2015,		3
122	Limitations of the IEEE 802.11 DCF, PCF, EDCA and HCCA to handle real-time traffic <b>2015</b> ,		7
121	Optimal sensing redundancy for multiple perspectives of targets in wireless visual sensor networks <b>2015</b> ,		7
120	Supporting Real-Time Communication in Large-Scale Wireless Sensor Networks <b>2015</b> , 7371-7380		
119	Routing Protocols for IEEE 802.11-Based Mesh Networks <b>2015</b> , 6295-6306		
118	Real-Time Communication Support in IEEE 802.11-Based Wireless Mesh Networks <b>2015</b> , 7247-7259		
117	Exploiting DHT's Properties to Improve the Scalability of Mesh Networks 2015, 6177-6185		
116	Um Protocolo Genfico Eficiente de Energia para Aplicafis em Redes de Sensores sem Fio sem Restri <b>l</b> i de Tempo de Resposta. <i>Revista De Tecnologia Da Informa</i> lo E Comunicalo, <b>2015</b> , 5, 8-15		
115	Relevance-based balanced sink mobility in wireless visual sensor networks 2014,		4
114	An approach to implement data fusion techniques in wireless sensor networks using genetic machine learning algorithms. <i>Information Fusion</i> , <b>2014</b> , 15, 90-101	16.7	48
113	Relevance-based partial reliability in wireless sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2014</b> , 2014,	3.2	2
112	Availability assessment of wireless visual sensor networks for target coverage 2014,		7
111	Availability issues in wireless visual sensor networks. <i>Sensors</i> , <b>2014</b> , 14, 2795-821	3.8	39
110	Enhancing Redundancy in Wireless Visual Sensor Networks for Target Coverage 2014,		5
109	Evaluating the impact of uncontrolled traffic sources upon real-time communication in IEEE 802.11s mesh networks <b>2014</b> ,		2

108	An opportunistic approach to deal with real-time mesh communication in wireless sensor networks <b>2014</b> ,		1
107	Quality of service provision assessment for DDBP approach in IEEE 802.15.4 networks <b>2014</b> ,		1
106	Selecting redundant nodes when addressing availability in wireless visual sensor networks 2014,		14
105	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> , <b>2014</b> , 2014,	3.2	1
104	GLHOVE: A framework for uniform coverage monitoring using cluster-tree wireless sensor networks <b>2013</b> ,		3
103	(m,k)-firm pattern spinning to improve the GTS allocation of periodic messages in IEEE 802.15.4 networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2013</b> , 2013,	3.2	9
102	A new MAC scheme specifically suited for real-time industrial communication based on IEEE 802.11e. <i>Computers and Electrical Engineering</i> , <b>2013</b> , 39, 1684-1704	4.3	18
101	Adaptive Monitoring Relevance in Camera Networks for Critical Surveillance Applications. <i>International Journal of Distributed Sensor Networks</i> , <b>2013</b> , 9, 836721	1.7	21
100	Energy consumption and spatial diversity trade-off in autonomic Wireless Sensor Networks: The (m,k)-Gur Game approach <b>2013</b> ,		4
99	Partial energy-efficient hop-by-hop retransmission in wireless sensor networks 2013,		1
98	Energy-Efficient Packet Relaying in Wireless Image Sensor Networks Exploiting the Sensing Relevancies of Source Nodes and DWT Coding. <i>Journal of Sensor and Actuator Networks</i> , <b>2013</b> , 2, 424-4	4 <b>3</b> .8	8
97	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> , <b>2013</b> , 901-910	0.4	2
96	Modeling the reliability of a group membership protocol for dual-scheduled time division multiple access networks. <i>Computer Standards and Interfaces</i> , <b>2012</b> , 34, 281-291	3.5	4
95	Comparing RT-WiFi and HCCA approaches to handle real-time traffic in open communication environments <b>2012</b> ,		2
94	Guaranteed Time Slot allocation for periodic messages with (m, k)-firm constraints in IEEE 802.15.4 networks <b>2012</b> ,		1
93	Expansion of the available use classes in IEEE 802.15.4 networks for usage in the industrial environment <b>2012</b> ,		1
92	Experimental evaluation of multiple retransmission schemes in IEEE 802.15.4 wireless sensor networks <b>2012</b> ,		6
91	A routing mechanism based on the sensing relevancies of source nodes for time-critical applications in visual sensor networks <b>2012</b> ,		7

90	Assessment of the Interference caused by uncontrolled traffic sources upon real-time communication in IEEE 802.11-based mesh networks <b>2012</b> ,		4
89	Real-Time Industrial Communication over IEEE802.11e Wireless Local Area Networks. <i>IEEE Latin America Transactions</i> , <b>2012</b> , 10, 1844-1849	0.7	3
88	QoV: Assessing the monitoring quality in visual sensor networks <b>2012</b> ,		5
87	Reliability and availability evaluation of Wireless Sensor Networks for industrial applications. <i>Sensors</i> , <b>2012</b> , 12, 806-38	3.8	121
86	Effect of frame size on energy consumption in wireless image sensor networks 2012,		8
85	Guaranteeing real-time message deadlines in the FlexRay static segment using a on-line scheduling approach <b>2012</b> ,		5
84	A semi-reliable energy-efficient retransmission mechanism based on the sensing relevancies of source nodes for wireless image sensor networks <b>2012</b> ,		1
83	Enforcing the timing behavior of real-time stations in legacy bus-based industrial Ethernet networks. <i>Computer Standards and Interfaces</i> , <b>2011</b> , 33, 249-261	3.5	7
82	Preliminary results on the assessment of WirelessHART networks in transient fault scenarios 2011,		2
81	A coordination layer to handle real-time communication in Wi-Fi networks with uncontrolled traffic sources <b>2011</b> ,		7
80	WorldFip. The Electrical Engineering Handbook, <b>2011</b> , 1-18		
79	Survey of Real-Time Communication in CSMA-Based Networks. <i>Network Protocols and Algorithms</i> , <b>2010</b> , 2,	0.3	4
78	A TDMA-based mechanism for real-time communication in IEEE 802.11e networks <b>2010</b> ,		12
77	Implementing the wireless FTT protocol: A feasibility analysis 2010,		1
76	Assessment of the IEEE 802.11e EDCA Protocol Limitations when Dealing with Real-Time Communication. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2010</b> , 2010,	3.2	11
75	A new AODV-based routing protocol adequate for monitoring applications in oil & gas production environments <b>2010</b> ,		4
74	A forcing collision resolution approach able to prioritize traffic in CSMA-based networks. <i>Computer Communications</i> , <b>2010</b> , 33, 54-64	5.1	4
73	Using BDI-Agents with Coordination without Communication to Increase Lifetime, Preserving Autonomy and Flexibility in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 243-2	52 <sup>0.9</sup>	

72	DHT-based Cluster Routing Protocol for IEEE802.11s Mesh networks 2009,		4
71	A DHT-based approach for Path Selection and Message Forwarding in IEEE 802.11s industrial Wireless Mesh Networks <b>2009</b> ,		8
70	The impact of control delay upon the performance of a DC-motor control: Comparison of a centralized vs. a network-based approach <b>2009</b> ,		1
69	Reliable communication for DuST networks 2009,		1
68	Distributed DBP: A (m,k)-firm based distributed approach for QoS provision in IEEE 802.15.4 networks <b>2009</b> ,		7
67	A proposal of real-time publish-subscribe scheme compatible with 802.11e wireless networks <b>2009</b> ,		1
66	Technical and economical assessment of the use of wireless gateways in industrial networks 2009,		1
65	Genetic Machine Learning algorithms in the optimization of communication efficiency in Wireless Sensor Networks <b>2009</b> ,		8
64	Dynamic GTS Scheduling of Periodic Skippable Slots in IEEE 802.15.4 Wireless Sensor Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2009</b> , 42, 110-117		
63	Challenges in Health Smart Homes <b>2008</b> ,		9
63	Challenges in Health Smart Homes 2008,  Limitations of the IEEE 802.11e EDCA protocol when supporting real-time communication 2008,		9
62	Limitations of the IEEE 802.11e EDCA protocol when supporting real-time communication <b>2008</b> ,		8
62	Limitations of the IEEE 802.11e EDCA protocol when supporting real-time communication 2008,  A TDMA-based mechanism to enforce real-time behavior in WiFi networks 2008,		8
62 61 60	Limitations of the IEEE 802.11e EDCA protocol when supporting real-time communication 2008,  A TDMA-based mechanism to enforce real-time behavior in WiFi networks 2008,  On the timeliness of multi-hop non-beaconed ZigBee broadcast communications 2008,  Performance evaluation of a compression algorithm for wireless sensor networks in monitoring	11.9	8 7 1
62 61 60 59	Limitations of the IEEE 802.11e EDCA protocol when supporting real-time communication 2008,  A TDMA-based mechanism to enforce real-time behavior in WiFi networks 2008,  On the timeliness of multi-hop non-beaconed ZigBee broadcast communications 2008,  Performance evaluation of a compression algorithm for wireless sensor networks in monitoring applications 2008,  Guest Editorial Special Section on Communication in Automation Part I. IEEE Transactions on	11.9	8 7 1
62 61 60 59 58	Limitations of the IEEE 802.11e EDCA protocol when supporting real-time communication 2008,  A TDMA-based mechanism to enforce real-time behavior in WiFi networks 2008,  On the timeliness of multi-hop non-beaconed ZigBee broadcast communications 2008,  Performance evaluation of a compression algorithm for wireless sensor networks in monitoring applications 2008,  Guest Editorial Special Section on Communication in Automation Part I. IEEE Transactions on Industrial Informatics, 2008, 4, 2-5	11.9	8 7 1 14

54	GSC: A REAL-TIME COMMUNICATION SCHEME FOR IEEE 802.11E INDUSTRIAL SYSTEMS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2007</b> , 40, 111-118	
53	IMPLEMENTATION OF AN EVENT-TRIGGERED SMART SENSOR NETWORK ARCHITECTURE BASED ON THE IEEE 802.15.4 STANDARD. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2007</b> , 40, 279-284	
52	An Event-Triggered Smart Sensor Network Architecture. <i>Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on</i> , <b>2007</b> ,	1
51	Formal Verification of a Group Membership Protocol Using Model Checking 2007, 471-488	O
50	A Reliability Evaluation of a Group Membership Protocol. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 397-400	
49	Editorial Special Section on Communication in Automation. <i>IEEE Transactions on Industrial Informatics</i> , <b>2006</b> , 2, 73-77	10
48	A Stochastic Petri Net Model for the Simulation Analysis of the IEEE 802.11e EDCA Communication Protocol <b>2006</b> ,	9
47	Simulation Analysis of the IEEE 802.11e EDCA Protocol for an Industrially-Relevant Real-Time Communication Scenario <b>2006</b> ,	14
46	Real-Time Communication in 802.11 Networks: The Virtual Token Passing VTP-CSMA Approach. <i>Local Computer Networks (LCN), Proceedings of the IEEE Conference on</i> , <b>2006</b> ,	4
45	A group membership protocol for communication systems with both static and dynamic scheduling <b>2006</b> ,	4
44	A Model Based on a Stochastic Petri Net Approach for Dependability Evaluation of Controller Area Networks <b>2006</b> , 150-157	
43	Probabilistic Timing Analysis of the h-Beb Collision Resolution Algorithm <b>2006</b> , 107-114	1
42	PROBABILISTIC TIMING ANALYSIS OF THE h-BEB COLLISION RESOLUTION ALGORITHM. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2005</b> , 38, 107-114	2
41	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> , <b>2005</b> , 38, 150-157	2
40	Replication Management in Reliable Real-Time Systems. <i>Real-Time Systems</i> , <b>2004</b> , 26, 261-296 1.3	8
39	A Quality-of-Service (QoS) Based Approach for the Communication Support in Network-Based Control Systems: An On-Going Project. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2004</b> , 37, 641-646	
38	Reliable real-time communication in CAN networks. <i>IEEE Transactions on Computers</i> , <b>2003</b> , 52, 1594-16072.5	34
37	Communication Response Time in P-NET Networks: Worst-Case Analysis Considering the Actual Token Utilization. <i>Real-Time Systems</i> , <b>2002</b> , 22, 229-249	5

36	MULTI-MASTER PROFIBUS DP MODELLING AND WORST CASE ANALYSIS-BASED EVALUATION. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2002</b> , 35, 343-348		4
35	Schedulability analysis of real-time traffic in WorldFIP networks: an integrated approach. <i>IEEE Transactions on Industrial Electronics</i> , <b>2002</b> , 49, 1165-1174	8.9	29
34	Using Ravenscar to support fault-tolerant real-time applications. <i>ACM SIGAda Ada Letters</i> , <b>2002</b> , XXII, 47-52	0.4	2
33	Transparent Environment for Replicated Ravenscar Applications. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 297-308	0.9	
32	Distributed computing for the factory-floor: a real-time approach using WorldFIP networks. <i>Computers in Industry</i> , <b>2001</b> , 44, 11-31	11.6	16
31	An Architecture for Reliable Distributed Computer-Controlled Systems. <i>IFIP Advances in Information and Communication Technology</i> , <b>2001</b> , 43-52	0.5	
30	Reliable Communication in Distributed Computer-Controlled Systems. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 136-147	0.9	1
29	Programming atomic multicast in CAN. ACM SIGAda Ada Letters, 2001, XXI, 79-84	0.4	
28	Distributed Computer-Controlled Systems: The Dear-COTS Approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2000</b> , 33, 113-120		1
27	Designing Real-Time Systems Based on Mono-Master Profibus-DP Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2000</b> , 33, 19-26		2
26	Engineering Real-Time Applications with WorldFIP: Analysis and Tools. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2000</b> , 33, 245-250		1
25	Replica management in real-time Ada 95 applications <b>1999</b> ,		1
24	Replica management in real-time Ada 95 applications. ACM SIGAda Ada Letters, 1999, XIX, 21-27	0.4	
23	To Ada or not to Ada. <i>ACM SIGAda Ada Letters</i> , <b>1999</b> , XIX, 37-43	0.4	
22	Cycle time properties of the PROFIBUS timed-token protocol. <i>Computer Communications</i> , <b>1999</b> , 22, 120	06 <u>5</u> 1 <u>1</u> 21	6 41
21	Supporting real-time distributed computer-controlled systems with multi-hop P-NET networks. <i>Control Engineering Practice</i> , <b>1999</b> , 7, 1015-1025	3.9	13
20	. IEEE Transactions on Industrial Electronics, <b>1999</b> , 46, 1241-1251	8.9	115
19	From task scheduling in single processor environments to message scheduling in a PROFIBUS fieldbus network. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 339-352	0.9	4

18	Analysis of the Worst-Case Real Token Rotation Time in PROFIBUS Networks 1999, 359-366	3
17	Setting Target Rotation Time in Profibus Based Real-Time Distributed Applications. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1998</b> , 31, 1-6	
16	Multi-□ <i>ACM SIGAda Ada Letters</i> , <b>1998</b> , XVIII, 52-60 0.4	
15	1994,	6
14	Guaranteeing real-time message deadlines in PROFIBUS networks	16
13	Real-time communication in unconstrained shared Ethernet networks: the virtual token-passing approach	10
12	Real-time traffic separation in shared Ethernet networks: simulation analysis of the h-BEB collision resolution algorithm	3
11	A comparison of the communication impact in CAN and TTP/C networks when supporting steer-by-wire systems	2
10	Evaluation of the timing properties of two control networks: CAN and PROFIBUS	6
9	Schedulability analysis of messages in a CAN network applied to an unmanned airship	2
8	Real-time communications over hybrid wired/wireless PROFIBUS-based networks	19
7	Non pre-emptive scheduling of messages on SMTV token-passing networks	4
6	Integrating inaccessibility in response time analysis of CAN networks	18
5	Timing analysis of reliable real-time communication in CAN networks	10
4	Pre-run-time schedulability analysis of P-NET fieldbus networks	2
3		4
2		13
1	Wireless IEEE 802.11-Based Networking Approaches for Industrial Networked Systems286-305	