

# Azzedine Boukerche

## List of Publications by Year in descending order

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193  
papers

6,650  
citations

100601

38  
h-index

90395

73  
g-index

197  
all docs

197  
docs citations

197  
times ranked

5480  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a Sustainable Highway Road-Based Driving Protocol for Connected and Self-Driving Vehicles. IEEE Transactions on Sustainable Computing, 2022, 7, 235-247.	2.2	3
2	Vision-based Autonomous Vehicle Recognition. ACM Computing Surveys, 2022, 54, 1-37.	16.1	12
3	FECO: An Efficient Deep Reinforcement Learning-Based Fuel-Economic Traffic Signal Control Scheme. IEEE Transactions on Sustainable Computing, 2022, 7, 144-156.	2.2	5
4	TempoCode-IoT: temporal codebook-based encoding of flow features for intrusion detection in Internet of Things. Cluster Computing, 2021, 24, 17-35.	3.5	22
5	Design of Algorithms and Protocols for Underwater Acoustic Wireless Sensor Networks. ACM Computing Surveys, 2021, 53, 1-34.	16.1	19
6	A Novel Lightweight Defense Method Against Adversarial Patches-Based Attacks on Automated Vehicle Make and Model Recognition Systems. Journal of Network and Systems Management, 2021, 29, 1.	3.3	3
7	Context Prediction of Highways Based on The Vehicular Traffic Distribution. , 2021, , .		0
8	Co-Design of Consensus-Based Approach and Reliable Communication Protocol for Vehicular Platoon Control. IEEE Transactions on Vehicular Technology, 2021, 70, 9510-9524.	3.9	10
9	OMUS: Efficient Opportunistic Routing in Multi-Modal Underwater Sensor Networks. IEEE Transactions on Wireless Communications, 2021, 20, 5642-5655.	6.1	24
10	Computation Offloading and Retrieval for Vehicular Edge Computing. ACM Computing Surveys, 2021, 53, 1-35.	16.1	33
11	Traffic Efficiency Applications over Downtown Roads. ACM Computing Surveys, 2021, 53, 1-30.	16.1	10
12	Predicting Traffic Characteristics of Real Road Scenarios in Jordan and Gulf Region. , 2021, , .		5
13	An Energy-Efficient Proactive Handover Scheme for Vehicular Networks Based on Passive RSU Detection. IEEE Transactions on Sustainable Computing, 2020, 5, 37-47.	2.2	14
14	A novel opportunistic power controlled routing protocol for internet of underwater things. Computer Communications, 2020, 150, 72-82.	3.1	19
15	Artificial intelligence-based vehicular traffic flow prediction methods for supporting intelligent transportation systems. Computer Networks, 2020, 182, 107484.	3.2	86
16	Towards ensuring the reliability and dependability of vehicular crowd-sensing data in GPS-less location tracking. Pervasive and Mobile Computing, 2020, 68, 101248.	2.1	8
17	Delivering Video-on-Demand services with IEEE 802.11p to major non-urban roads: A stochastic performance analysis. Computer Networks, 2020, 182, 107440.	3.2	1
18	MOP: A Novel Mobility-Aware Opportunistic Routing Protocol for Connected Vehicles. , 2020, , .		1

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19	Underwater Sensor Networks for Smart Disaster Management. IEEE Consumer Electronics Magazine, 2020, 9, 107-114.	2.3	18
20	Empirical Study and Analysis of the Impact of Traffic Flow Control at Road Intersections on Vehicle Energy Consumption. , 2020, , .		14
21	Underwater Wireless Sensor Networks. ACM Computing Surveys, 2019, 51, 1-36.	16.1	110
22	A two-tier machine learning-based handover management scheme for intelligent vehicular networks. Ad Hoc Networks, 2019, 94, 101930.	3.4	28
23	Safety and efficiency control protocol for highways using intelligent vehicular networks. Computer Networks, 2019, 152, 1-11.	3.2	20
24	LoICen: A novel location-based and information-centric architecture for content distribution in vehicular networks. Ad Hoc Networks, 2019, 93, 101899.	3.4	30
25	PCon: A Novel Opportunistic Routing Protocol for Duty-Cycled Internet of Underwater Things. , 2019, , .		2
26	Design of a Semi-Supervised Learning Strategy based on Convolutional Neural Network for Vehicle Maneuver Classification. , 2019, , .		5
27	An Efficient Handover Trigger Scheme for Vehicular Networks Using Recurrent Neural Networks. , 2019, , .		13
28	A Joint Anypath Routing and Duty-Cycling Model for Sustainable Underwater Sensor Networks. IEEE Transactions on Sustainable Computing, 2019, 4, 314-325.	2.2	15
29	Underwater Networks for Ocean Monitoring: A New Challenge for Topology Control and Opportunistic Routing. Studies in Systems, Decision and Control, 2019, , 571-601.	0.8	3
30	Automated Vehicle Detection and Classification. ACM Computing Surveys, 2018, 50, 1-39.	16.1	39
31	A novel self-adaptive content delivery protocol for vehicular networks. Ad Hoc Networks, 2018, 73, 1-13.	3.4	10
32	A Novel Hierarchical Two-Tier Node Deployment Strategy for Sustainable Wireless Sensor Networks. IEEE Transactions on Sustainable Computing, 2018, 3, 236-247.	2.2	17
33	SEVeN: A novel service-based architecture for information-centric vehicular network. Computer Communications, 2018, 117, 133-146.	3.1	19
34	Toward a Smooth Vehicular Traffic at Round Road - Intersections. , 2018, , .		2
35	A Fast Vehicular Traffic Flow Prediction Scheme Based on Fourier and Wavelet Analysis. , 2018, , .		27
36	A Novel Proactive Handover Scheme for Achieving Energy-Efficient Vehicular Networks. , 2018, , .		4

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37	Fuel Efficient Routes Using Vehicular Sensor Data. , 2018, , .		2
38	Performance modeling and analysis of a UAV path planning and target detection in a UAV-based wireless sensor network. Computer Networks, 2018, 146, 217-231.	3.2	31
39	PCR. , 2018, , .		15
40	Exploiting Mobility to Improve Underwater Sensor Networks. , 2018, , .		9
41	Sensing, communication and security planes: A new challenge for a smart city system design. Computer Networks, 2018, 144, 163-200.	3.2	86
42	Emulating Smart City Sensors Using Soft Sensing and Machine Intelligence: A Case Study in Public Transportation. , 2018, , .		5
43	Connectivity and coverage based protocols for wireless sensor networks. Ad Hoc Networks, 2018, 80, 54-69.	3.4	68
44	Modeling and Analysis of Coverage Degree and Target Detection for Autonomous Underwater Vehicle-Based System. IEEE Transactions on Vehicular Technology, 2018, 67, 9959-9971.	3.9	24
45	Modeling power control and anypath routing in underwater wireless sensor networks. , 2018, , .		11
46	Vehicular Networks. ACM Computing Surveys, 2017, 49, 1-29.	16.1	38
47	A clustered trail-based data dissemination protocol for improving the lifetime of duty cycle enabled wireless sensor networks. Wireless Networks, 2017, 23, 177-192.	2.0	16
48	Reliable data dissemination protocol for VANET traffic safety applications. Ad Hoc Networks, 2017, 63, 30-44.	3.4	119
49	SERVitES: An efficient search and allocation resource protocol based on V2V communication for vehicular cloud. Computer Networks, 2017, 123, 104-118.	3.2	32
50	A novel video-based application for road markings detection and recognition. , 2017, , .		3
51	EnOR: Energy balancing routing protocol for underwater sensor networks. , 2017, , .		37
52	Serial In-network Processing for Large Stationary Wireless Sensor Networks. , 2017, , .		2
53	An efficient CPP solution for resilience-oriented SDN controller deployment. , 2017, , .		4
54	Performance modeling and analysis of void-handling methodologies in underwater wireless sensor networks. Computer Networks, 2017, 126, 1-14.	3.2	30

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55	Data Collection in Underwater Wireless Sensor Networks. , 2017, , .		8
56	A distance-based interest forwarding protocol for vehicular information-centric networks. , 2017, , .		18
57	LISIC: A Link Stability-Based Protocol for Vehicular Information-Centric Networks. , 2017, , .		30
58	Integrated Connectivity and Coverage Techniques for Wireless Sensor Networks. , 2016, , .		15
59	A Novel Centrality Metric for Topology Control in Underwater Sensor Networks. , 2016, , .		14
60	Energy-efficient MAC schemes for Delay-Tolerant Sensor Networks. , 2016, , .		3
61	MSER-based text detection and communication algorithm for autonomous vehicles. , 2016, , .		5
62	Urban traffic characterization for enabling Vehicular Clouds. , 2016, , .		3
63	Modeling the sleep interval effects in duty-cycled underwater sensor networks. , 2016, , .		13
64	Context-aware traffic light self-scheduling algorithm for intelligent transportation systems. , 2016, , .		9
65	Real-Time Vehicle Make and Model Recognition Based on a Bag of SURF Features. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3205-3219.	4.7	57
66	Traffic balancing-based path recommendation mechanisms in vehicular networks. Wireless Communications and Mobile Computing, 2016, 16, 794-809.	0.8	3
67	MERVS: A Novel Multichannel Error Recovery Video Streaming Protocol for Vehicle Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 923-935.	3.9	31
68	Parallel Optimal Pairwise Biological Sequence Comparison. ACM Computing Surveys, 2016, 48, 1-36.	16.1	16
69	Data communication in VANETs: Protocols, applications and challenges. Ad Hoc Networks, 2016, 44, 90-103.	3.4	371
70	LIP: an efficient lightweight iterative positioning algorithm for wireless sensor networks. Wireless Networks, 2016, 22, 825-838.	2.0	6
71	A real-time lane marking localization, tracking and communication system. Computer Communications, 2016, 73, 132-143.	3.1	59
72	Toward a Comprehensive Model for Performance Analysis of Opportunistic Routing in Wireless Mesh Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5424-5438.	3.9	24

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73	Geo-localized content availability in VANETs. <i>Ad Hoc Networks</i> , 2016, 36, 425-434.	3.4	10
74	Towards a novel trust-based opportunistic routing protocol for wireless networks. <i>Wireless Networks</i> , 2016, 22, 927-943.	2.0	31
75	Geographic and Opportunistic Routing for Underwater Sensor Networks. <i>IEEE Transactions on Computers</i> , 2016, 65, 548-561.	2.4	264
76	An Adaptive Frame Length Aggregation Scheme in Vehicular Delay-Tolerant Networks. , 2015, , .		2
77	QuGu. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2015, 11, 1-23.	3.0	3
78	An intelligent vehicular traffic prediction (ITP) protocol. , 2015, , .		3
79	A novel void node recovery paradigm for long-term underwater sensor networks. <i>Ad Hoc Networks</i> , 2015, 34, 144-156.	3.4	55
80	The selective use of redundancy for video streaming over Vehicular Ad Hoc Networks. <i>Computer Networks</i> , 2015, 81, 43-62.	3.2	14
81	A Multipath Video Streaming Solution for Vehicular Networks with Link Disjoint and Node-disjoint. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015, 26, 3223-3235.	4.0	38
82	ODCRep: Origin-Destination-Based Content Replication for Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2015, 64, 5563-5574.	3.9	11
83	Opportunistic Routing in Wireless Networks: Models, Algorithms, and Classifications. <i>ACM Computing Surveys</i> , 2015, 47, 1-36.	16.1	99
84	GeoCover: An efficient sparse coverage protocol for RSU deployment over urban VANETs. <i>Ad Hoc Networks</i> , 2015, 24, 85-102.	3.4	38
85	A performance evaluation of an efficient traffic congestion detection protocol (ECODE) for intelligent transportation systems. <i>Ad Hoc Networks</i> , 2015, 24, 317-336.	3.4	62
86	An efficient transmission strategy in 802.11 MAC in wireless delay-tolerant sensor network. , 2014, , .		2
87	Modeling and Analysis of Opportunistic Routing in Multi-hop Wireless Networks. , 2014, , .		4
88	A Knapsack Constrained Steiner Tree model for continuous coverage over urban VANETs. , 2014, , .		4
89	Parallel Simulation of Pore Networks Using Multicore CPUs. <i>IEEE Transactions on Computers</i> , 2014, 63, 1513-1525.	2.4	3
90	A receiver-based video dissemination solution for vehicular networks with content transmissions decoupled from relay node selection. <i>Ad Hoc Networks</i> , 2014, 17, 1-17.	3.4	43

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91	Location error estimation in wireless ad hoc networks. Ad Hoc Networks, 2014, 13, 504-515.	3.4	19
92	DRIVE: An efficient and robust data dissemination protocol for highway and urban vehicular ad hoc networks. Computer Networks, 2014, 75, 381-394.	3.2	105
93	Distributed relative cooperative positioning in Vehicular Ad-Hoc Networks. , 2014, , .		4
94	GEDAR: Geographic and opportunistic routing protocol with Depth Adjustment for mobile underwater sensor networks. , 2014, , .		86
95	A spatial correlation aware algorithm to perform efficient data collection in wireless sensor networks. Ad Hoc Networks, 2014, 12, 69-85.	3.4	84
96	An Adaptive Frame Length Aggregation Scheme in Vehicular Delay-Tolerant Networks. , 2014, , .		0
97	Distributed re-arrangement scheme for balancing computational load and minimizing communication delays in HLA-based simulations. Concurrency Computation Practice and Experience, 2013, 25, 626-648.	1.4	3
98	Efficient traffic congestion detection protocol for next generation VANETs. , 2013, , .		29
99	A joint 3D localization and synchronization solution for Wireless Sensor Networks using UAV. , 2013, , .		7
100	Efficient group-based authentication protocol for location-based service discovery in intelligent transportation systems. Security and Communication Networks, 2013, 6, 473-484.	1.0	7
101	An energy-aware spatio-temporal correlation mechanism to perform efficient data collection in wireless sensor networks. Computer Communications, 2013, 36, 1054-1066.	3.1	68
102	A new solution for the time-space localization problem in wireless sensor network using UAV. , 2013, , .		11
103	A geometry-based coverage strategy over urban VANETs. , 2013, , .		24
104	EXACT PARALLEL ALIGNMENT OF MEGABASE GENOMIC SEQUENCES WITH TUNABLE WORK DISTRIBUTION. International Journal of Foundations of Computer Science, 2012, 23, 407-429.	0.8	3
105	Cooperative target tracking in vehicular sensor networks. IEEE Wireless Communications, 2012, 19, 66-73.	6.6	31
106	Performance evaluation of an efficient fault tolerant service discovery protocol for vehicular networks. Journal of Network and Computer Applications, 2012, 35, 1424-1435.	5.8	14
107	VIRTUS: A resilient location-aware video unicast scheme for vehicular networks. , 2012, , .		34
108	A Secure Cooperative Approach for Nonline-of-Sight Location Verification in VANET. IEEE Transactions on Vehicular Technology, 2012, 61, 275-285.	3.9	86

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109	Preserving Temporal Relationships of Events for Wireless Sensor Actor Networks. IEEE Transactions on Computers, 2012, 61, 1203-1216.	2.4	9
110	Dynamic and Scalable Routing to Perform Efficient Data Aggregation in WSNs. , 2011, , .		5
111	Design and Evaluation of Context-Aware and Location-Based Service Discovery Protocols for Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2011, 12, 717-735.	4.7	37
112	A cooperative multi-hop location verification for Non Line Of Sight (NLOS) in VANET. , 2011, , .		12
113	A Predictive Energy-Efficient Technique to Support Object-Tracking Sensor Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 656-663.	3.9	102
114	Target Association Rules: A New Behavioral Patterns for Point of Coverage Wireless Sensor Networks. IEEE Transactions on Computers, 2011, 60, 879-889.	2.4	19
115	Routing protocols in ad hoc networks: A survey. Computer Networks, 2011, 55, 3032-3080.	3.2	419
116	Dynamic balancing of communication and computation load for HLA-based simulations on large-scale distributed systems. Journal of Parallel and Distributed Computing, 2011, 71, 40-52.	2.7	38
117	The impact of mobility on Mobile Ad Hoc Networks through the perspective of complex networks. Journal of Parallel and Distributed Computing, 2011, 71, 1189-1200.	2.7	31
118	Privacy preserving neighborhood awareness in vehicular ad hoc networks. , 2011, , .		2
119	E-TRAIL: Energy-Efficient Trail-Based Data Dissemination Protocol for Wireless Sensor Networks with Mobile Sinks. , 2011, , .		6
120	Spatio-temporal Context in Wireless Sensor Networks. Monographs in Theoretical Computer Science, 2011, , 293-318.	0.6	0
121	ARMA: a scalable secure routing protocol with privacy protection for mobile <i>ad hoc</i> networks. Wireless Communications and Mobile Computing, 2010, 10, 672-687.	0.8	1
122	Location-Aided Gateway Advertisement and Discovery Protocol for VANets. IEEE Transactions on Vehicular Technology, 2010, 59, 3843-3858.	3.9	21
123	A secure group management scheme for mobile ad hoc networks. , 2010, , .		1
124	A novel framework of secure network management for wireless and mobile networks. , 2010, , .		0
125	A bio-inspired coverage-aware scheduling scheme for wireless sensor networks. , 2010, , .		5
126	Monitoring patients via a secure and mobile healthcare system. IEEE Wireless Communications, 2010, 17, 59-65.	6.6	129



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127	A small world model to improve synchronization algorithms for wireless sensor networks. , 2010, , .		7
128	Localization scheduling in wireless ad hoc networks. , 2010, , .		0
129	Target-based Association Rules for point-of-coverage wireless sensor networks. , 2009, , .		3
130	Irregular Sensing Range Detection Model for Coverage Based Protocols in Wireless Sensor Networks. , 2009, , .		12
131	Exact pairwise alignment of megabase genome biological sequences using a novel z-align parallel strategy. , 2009, , .		6
132	Localization in time and space for wireless sensor networks: An efficient and lightweight algorithm. Performance Evaluation, 2009, 66, 209-222.	0.9	32
133	An Efficient Adaptive Transmission Control Scheme for Large-Scale Distributed Simulation Systems. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 246-260.	4.0	2
134	Efficient data gathering and position dissemination protocols for heterogeneous vehicle ad hoc and sensor networks. , 2009, , .		2
135	A Lightweight Iterative Positioning Algorithm for Context-Aware Wireless Sensor Networks: Proof of Correctness. , 2009, , .		1
136	Improving Neighbor Localization in Vehicular Ad Hoc Networks to Avoid Overhead from Periodic Messages. , 2009, , .		37
137	Weighted-NEAT: An efficient weighted node evaluation scheme with assistant trust mechanisms to secure wireless ad hoc networks. , 2009, , .		0
138	An Efficient Hybrid Adaptive Location-Aided Gateway Advertisement and Discovery Protocol for Heterogeneous Wireless and Mobile Networks. , 2009, , .		8
139	DV-Loc: a scalable localization protocol using Voronoi diagrams for wireless sensor networks. IEEE Wireless Communications, 2009, 16, 50-55.	6.6	46
140	A parallel strategy for biological sequence alignment in restricted memory space. Journal of Parallel and Distributed Computing, 2008, 68, 548-561.	2.7	28
141	Performance analysis of an adaptive dynamic grid-based approach to data distribution management. Journal of Parallel and Distributed Computing, 2008, 68, 536-547.	2.7	4
142	A trust-based security system for ubiquitous and pervasive computing environments. Computer Communications, 2008, 31, 4343-4351.	3.1	102
143	An Adaptive Dynamic Grid-Based approach to DDM for large-scale distributed simulation systems. Journal of Computer and System Sciences, 2008, 74, 1043-1054.	0.9	4
144	An Inter-cluster Communication based Energy Aware and Fault Tolerant Protocol for Wireless Sensor Networks. Mobile Networks and Applications, 2008, 13, 614-626.	2.2	21

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145	Energy-aware and quality of service-based routing in wireless sensor networks and vehicular ad hoc networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2008, 63, 669-681.	1.6	21
146	A distributed fault identification protocol for wireless and mobile ad hoc networks. <i>Journal of Parallel and Distributed Computing</i> , 2008, 68, 321-335.	2.7	65
147	Vehicular Ad Hoc Networks: A New Challenge for Localization-Based Systems. <i>Computer Communications</i> , 2008, 31, 2838-2849.	3.1	457
148	Mobile data collector strategy for delay-sensitive applications over wireless sensor networks. <i>Computer Communications</i> , 2008, 31, 1028-1039.	3.1	45
149	A mobility aware protocol synthesis for efficient routing in ad hoc mobile networks. <i>Computer Networks</i> , 2008, 52, 130-154.	3.2	30
150	The design of a secure key management system for mobile ad hoc networks. , 2008, , .		9
151	A Novel Algorithm for Mining Association Rules in Wireless Ad Hoc Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2008, 19, 865-877.	4.0	68
152	Knowledge discovery in Wireless Sensor Networks for Chronological Patterns. , 2008, , .		2
153	Performance Evaluation of an Energy-Aware Clustering Protocol for Wireless Sensor Networks. <i>Parallel Processing (ICPP), Workshop, Proceedings of the International Conference on</i> , 2008, , .	0.0	7
154	Enlightness: An enhanced and lightweight algorithm for time-space localization in Wireless Sensor Networks. , 2008, , .		2
155	CHRONOLOGICAL TREE " A COMPRESSED STRUCTURE FOR MINING BEHAVIORAL PATTERNS FROM WIRELESS SENSOR NETWORKS. <i>Journal of Interconnection Networks</i> , 2008, 09, 255-276.	0.6	5
156	An energy efficient and low latency multiple events' propagation protocol for wireless sensor networks with multiple sinks. , 2007, , .		6
157	Performance Evaluation of an Anonymous Routing Protocol using Mobile Agents for Wireless Ad hoc Networks. , 2007, , .		12
158	Localization systems for wireless sensor networks. <i>IEEE Wireless Communications</i> , 2007, 14, 6-12.	6.6	509
159	Localization in Time and Space for Sensor Networks. <i>International Conference on Advanced Networking and Applications</i> , 2007, , .	0.0	18
160	Efficient Load Balancing Schemes for Large-Scale Real-Time HLA/RTI Based Distributed Simulations. , 2007, , .		5
161	An agent based and biological inspired real-time intrusion detection and security model for computer network operations. <i>Computer Communications</i> , 2007, 30, 2649-2660.	3.1	63
162	A coverage-preserving scheme for wireless sensor network with irregular sensing range. <i>Ad Hoc Networks</i> , 2007, 5, 1303-1316.	3.4	62

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163	A performance evaluation of distributed dynamic channel allocation protocols for mobile networks. <i>Wireless Communications and Mobile Computing</i> , 2007, 7, 69-80.	0.8	4
164	An optimal coverage-preserving scheme for wireless sensor networks based on local information exchange. <i>Computer Communications</i> , 2007, 30, 2708-2720.	3.1	51
165	An efficient event ordering algorithm that extends the lifetime of wireless actor and sensor networks. <i>Performance Evaluation</i> , 2007, 64, 480-494.	0.9	6
166	Diagnosing mobile ad-hoc networks. , 2006, , .		42
167	A new energy efficient and fault-tolerant protocol for data propagation in smart dust networks using varying transmission range. <i>Computer Communications</i> , 2006, 29, 477-489.	3.1	25
168	Performance evaluation of an anonymity providing protocol for wireless ad hoc networks. <i>Performance Evaluation</i> , 2006, 63, 1094-1109.	0.9	13
169	Fault-tolerant wireless sensor network routing protocols for the supervision of context-aware physical environments. <i>Journal of Parallel and Distributed Computing</i> , 2006, 66, 586-599.	2.7	86
170	An enhancement towards dynamic grid-based DDM protocol for distributed simulation using multiple levels of data filtering. <i>Parallel Computing</i> , 2006, 32, 902-919.	1.3	7
171	Scalability and Performance Evaluation of DDM-Based Aggregation/Dissaggregation Protocols for Large-Scale Distributed Interactive Simulations Systems. <i>Journal of Supercomputing</i> , 2006, 35, 259-276.	2.4	0
172	A Local Information Exchange Based Coverage-Preserving Protocol For Wireless Sensor Networks. , 2006, , .		10
173	WSN03-2: Context Interpretation in Wireless Actor and Sensor Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006, , .	0.0	1
174	A Context Interpretation Based Wireless Sensor Network for the Emergency Preparedness Class of Applications. <i>Lecture Notes in Computer Science</i> , 2006, , 25-34.	1.0	2
175	An efficient secure distributed anonymous routing protocol for mobile and wireless ad hoc networks. <i>Computer Communications</i> , 2005, 28, 1193-1203.	3.1	71
176	An energy aware coverage-preserving scheme for wireless sensor networks. , 2005, , .		20
177	Power-Efficient Data Propagation Protocols for Wireless Sensor Networks. <i>Simulation</i> , 2005, 81, 399-411.	1.1	18
178	Distributed Channel Allocation Protocols for Wireless and Mobile Networks. <i>Chapman &amp; Hall/CRC Computer and Information Science Series</i> , 2005, , 20-459-20-474.	0.4	2
179	Protocols for Data Propagation in Wireless Sensor Networks. , 2004, , 23-51.		28
180	A fast and reliable protocol for wireless sensor networks in critical conditions monitoring applications. , 2004, , .		74

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181	Performance Evaluation of Routing Protocols for Ad Hoc Wireless Networks. Mobile Networks and Applications, 2004, 9, 333-342.	2.2	187
182	A performance evaluation of a pre-emptive on-demand distance vector routing protocol for mobile ad hoc networks. Wireless Communications and Mobile Computing, 2004, 4, 99-108.	0.8	15
183	Performance evaluation of Data Distribution Management strategies. Concurrency Computation Practice and Experience, 2004, 16, 1545-1573.	1.4	11
184	An artificial immune based intrusion detection model for computer and telecommunication systems. Parallel Computing, 2004, 30, 629-646.	1.3	38
185	Routing in mobile and wireless ad hoc networks. Journal of Parallel and Distributed Computing, 2003, 63, 107-109.	2.7	3
186	Performance Evaluation of Two Congestion Control Mechanisms with On-Demand Distance Vector (AODV) Routing Protocol for Mobile and Wireless Networks. Lecture Notes in Computer Science, 2003, , 1099-1108.	1.0	1
187	Simulation-Based Performance Comparisons of Routing Protocols for Mobile Ad Hoc Networks. Simulation, 2002, 78, 401-407.	1.1	6
188	Dynamic Grid-Based Approach to Data Distribution Management. Journal of Parallel and Distributed Computing, 2002, 62, 366-392.	2.7	46
189	Behavior-Based Intrusion Detection in Mobile Phone Systems. Journal of Parallel and Distributed Computing, 2002, 62, 1476-1490.	2.7	47
190	A Distributed Algorithm for Dynamic Channel Allocation. Mobile Networks and Applications, 2002, 7, 115-126.	2.2	25
191	Analysis of a Randomized Congestion Control Scheme with DSDV Routing in ad Hoc Wireless Networks. Journal of Parallel and Distributed Computing, 2001, 61, 967-995.	2.7	61
192	PERFORMANCE OF GZRP AD HOC ROUTING PROTOCOL. Journal of Interconnection Networks, 2001, 02, 31-48.	0.6	4
193	Neural Fraud Detection in Mobile Phone Operations. Lecture Notes in Computer Science, 2000, , 636-644.	1.0	11