

Cem Ersoy

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

7,324
citations

147801

31
h-index

85541

71
g-index

195
all docs

195
docs citations

195
times ranked

6631
citing authors

#	ARTICLE	IF	CITATIONS
1	Long Short-Term Memory Network Based Unobtrusive Workload Monitoring With Consumer Grade Smartwatches. IEEE Transactions on Affective Computing, 2023, 14, 895-905.	8.3	2
2	An indoor localization dataset and data collection framework with high precision position annotation. Pervasive and Mobile Computing, 2022, 81, 101554.	3.3	11
3	An SDN-aided low-latency live video streaming over HTTP. Multimedia Tools and Applications, 2022, 81, 23145-23162.	3.9	0
4	ALVS: Adaptive Live Video Streaming using deep reinforcement learning. Journal of Network and Computer Applications, 2022, 205, 103451.	9.1	8
5	Low-Latency Live Streaming Over HTTP in Bandwidth-Limited Networks. IEEE Communications Letters, 2021, 25, 450-454.	4.1	10
6	Machine Learning-Based Workload Orchestrator for Vehicular Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2239-2251.	8.0	48
7	Adaptive Sequential Monte Carlo Filter for Indoor Positioning and Tracking With Bluetooth Low Energy Beacons. IEEE Access, 2021, 9, 37022-37038.	4.2	17
8	End-to-End Deep Multi-Modal Physiological Authentication With Smartbands. IEEE Sensors Journal, 2021, 21, 14977-14986.	4.7	12
9	HRV and Stress: A Mixed-Methods Approach for Comparison of Wearable Heart Rate Sensors for Biofeedback. IEEE Access, 2021, 9, 14005-14024.	4.2	47
10	Privacy-preserving Federated Deep Learning for Wearable IoT-based Biomedical Monitoring. ACM Transactions on Internet Technology, 2021, 21, 1-17.	4.4	59
11	GROVE: A Cost-Efficient Green Radio Over Ethernet Architecture for Next Generation Radio Access Networks. IEEE Transactions on Green Communications and Networking, 2021, 5, 84-93.	5.5	7
12	Reinforcement Learning Based Dynamic Function Splitting in Disaggregated Green Open RANs. , 2021, , .		26
13	Exploring Personalized Vibrotactile and Thermal Patterns for Affect Regulation. , 2021, , .		8
14	A hardware and environment-agnostic smart home architecture with containerized on-the-fly service offloading. Computers and Electrical Engineering, 2021, 92, 107090.	4.8	4
15	TRIPODâ€™A Treadmill Walking Dataset with IMU, Pressure-Distribution and Photoelectric Data for Gait Analysis. Data, 2021, 6, 95.	2.3	9
16	Optimal server and service deployment for multi-tier edge cloud computing. Computer Networks, 2021, 199, 108393.	5.1	11
17	Reducing the total cost of ownership in radio access networks by using renewable energy resources. Wireless Networks, 2020, 26, 1667-1684.	3.0	6
18	Deep Learning for Fall Risk Assessment With Inertial Sensors: Utilizing Domain Knowledge in Spatio-Temporal Gait Parameters. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1994-2005.	6.3	61

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19	How We Found Our IMU: Guidelines to IMU Selection and a Comparison of Seven IMUs for Pervasive Healthcare Applications. <i>Sensors</i> , 2020, 20, 4090.	3.8	44
20	Fault tolerance in SDN data plane considering network and application based metrics. <i>Journal of Network and Computer Applications</i> , 2020, 170, 102780.	9.1	11
21	Validation of an IMU Gait Analysis Algorithm for Gait Monitoring in Daily Life Situations. , 2020, 2020, 4229-4232.		31
22	Biosensing and Actuationâ€™Platforms Coupling Body Input-Output Modalities for Affective Technologies. <i>Sensors</i> , 2020, 20, 5968.	3.8	13
23	Renewable Energy Assisted Function Splitting in Cloud Radio Access Networks. <i>Mobile Networks and Applications</i> , 2020, 25, 2012-2023.	3.3	3
24	Can a Smartband be Used for Continuous Implicit Authentication in Real Life. <i>IEEE Access</i> , 2020, 8, 59402-59411.	4.2	18
25	Real-Life Stress Level Monitoring Using Smart Bands in the Light of Contextual Information. <i>IEEE Sensors Journal</i> , 2020, 20, 8721-8730.	4.7	25
26	How Laboratory Experiments Can Be Exploited for Monitoring Stress in the Wild: A Bridge Between Laboratory and Daily Life. <i>Sensors</i> , 2020, 20, 838.	3.8	30
27	Personal Stress-Level Clustering and Decision-Level Smoothing to Enhance the Performance of Ambulatory Stress Detection With Smartwatches. <i>IEEE Access</i> , 2020, 8, 38146-38163.	4.2	45
28	How to Relax in Stressful Situations: A Smart Stress Reduction System. <i>Healthcare (Switzerland)</i> , 2020, 8, 100.	2.0	31
29	SLA-aware optimal resource allocation for service-oriented networks. <i>Future Generation Computer Systems</i> , 2019, 101, 959-974.	7.5	3
30	Gait Analysis Using Smartwatches. , 2019, , .		11
31	Chunk Duration-Aware SDN-Assisted DASH. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2019, 15, 1-22.	4.3	4
32	Analytical Models for the Scalability of Dynamic Group-key Agreement Protocols and Secure File Sharing Systems. <i>ACM Transactions on Privacy and Security</i> , 2019, 22, 1-36.	3.0	0
33	Abnormal respiratory event detection in sleep: A prescreening system with smart wearables. <i>Journal of Biomedical Informatics</i> , 2019, 95, 103218.	4.3	15
34	Continuous Stress Detection Using Wearable Sensors in Real Life: Algorithmic Programming Contest Case Study. <i>Sensors</i> , 2019, 19, 1849.	3.8	202
35	Stress detection in daily life scenarios using smart phones and wearable sensors: A survey. <i>Journal of Biomedical Informatics</i> , 2019, 92, 103139.	4.3	252
36	Fuzzy Workload Orchestration for Edge Computing. <i>IEEE Transactions on Network and Service Management</i> , 2019, 16, 769-782.	4.9	92

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37	Measuring Cognitive Load and Insight: A Methodology Exemplified in a Virtual Reality Learning Context. , 2019, , .		27
38	Enhancing QoE for Video Streaming Considering Congestion: A Fault Tolerance Approach. , 2019, , .		2
39	A multi-site study on walkability, data sharing and privacy perception using mobile sensing data gathered from the mk-sense platform. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2199-2211.	4.9	4
40	SDN-Based Multi-Tier Computing and Communication Architecture for Pervasive Healthcare. IEEE Access, 2018, 6, 56765-56781.	4.2	13
41	EdgeCloudSim: An environment for performance evaluation of edge computing systems. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3493.	3.9	221
42	Implementing service-centric model with P4: A fully-programmable approach. , 2018, , .		4
43	Active learning with uncertainty sampling for large scale activity recognition in smart homes. Journal of Ambient Intelligence and Smart Environments, 2017, 9, 209-223.	1.4	21
44	Multi-resident activity tracking and recognition in smart environments. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 513-529.	4.9	41
45	EdgeCloudSim: An environment for performance evaluation of Edge Computing systems. , 2017, , .		119
46	How Can Edge Computing Benefit From Software-Defined Networking: A Survey, Use Cases, and Future Directions. IEEE Communications Surveys and Tutorials, 2017, 19, 2359-2391.	39.4	353
47	Performance evaluation of single-tier and two-tier cloudlet assisted applications. , 2017, , .		24
48	Gait analysis using kinect: Towards in-home gait analysis. , 2017, , .		0
49	Sleep apnea detection via smart phones. , 2017, , .		12
50	Fault tolerant data plane using SDN. , 2017, , .		0
51	Enabling service-centric networks for cloudlets using SDN. , 2017, , .		10
52	Wearable Therapy â€“ Detecting Information from Wearables and Mobiles that are Relevant to Clinical and Self-directed Therapy. Methods of Information in Medicine, 2017, 56, 37-39.	1.2	3
53	Inertial Sensor-Based Robust Gait Analysis in Non-Hospital Settings for Neurological Disorders. Sensors, 2017, 17, 825.	3.8	107
54	Dynamic BS Topology Management for Green Next Generation HetNets: An Urban Case Study. IEEE Journal on Selected Areas in Communications, 2016, 34, 3482-3498.	14.0	6

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55	Wireless sensor network design by lifetime maximisation: an empirical evaluation of integrating major design issues and sink mobility. <i>International Journal of Sensor Networks</i> , 2016, 20, 131.	0.4	17
56	Children's Rehabilitation with Humanoid Robots and Wearable Inertial Measurement Units. , 2015, , .		7
57	Daily life behaviour monitoring for health assessment using machine learning: bridging the gap between domains. <i>Personal and Ubiquitous Computing</i> , 2015, 19, 303-315.	2.8	22
58	Sleep quality monitoring with ambient and mobile sensing. , 2015, , .		0
59	Exploring the effects of monitoring and flow-rule timeout durations on load balancing in software defined networks. , 2015, , .		1
60	QoS vs. energy: A traffic-aware topology management scheme for green heterogeneous networks. <i>Computer Networks</i> , 2015, 78, 130-139.	5.1	12
61	Ring Routing: An Energy-Efficient Routing Protocol for Wireless Sensor Networks with a Mobile Sink. <i>IEEE Transactions on Mobile Computing</i> , 2015, 14, 1947-1960.	5.8	179
62	Thought and Life Logging: A Pilot Study. <i>Lecture Notes in Computer Science</i> , 2015, , 26-36.	1.3	2
63	Sensing Healthy Lifestyle in Urban and Rural Environments. , 2015, , .		1
64	A crowdsourced SkyMap. , 2014, , .		0
65	Sensor Log: A mobile data collection and annotation application. , 2014, , .		5
66	How to fine tune the route update parameters of a mobile sink routing protocol. , 2014, , .		0
67	Multimodal Wireless Sensor Network-Based Ambient Assisted Living in Real Homes with Multiple Residents. <i>Sensors</i> , 2014, 14, 9692-9719.	3.8	57
68	A Unified Model for Human Behavior Modeling Using a Hierarchy with a Variable Number of States. , 2014, , .		5
69	Wireless sensor network lifetime maximization by optimal sensor deployment, activity scheduling, data routing and sink mobility. <i>Ad Hoc Networks</i> , 2014, 17, 18-36.	5.5	93
70	Distributed Mobile Sink Routing for Wireless Sensor Networks: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2014, 16, 877-897.	39.4	246
71	Fuzzy-based congestion control for wireless multimedia sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2014, 2014, .	2.4	20
72	Dynamic base station planning with power adaptation for green wireless cellular networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2014, 2014, .	2.4	13

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73	Analysis of a prioritized contention model for multimedia wireless sensor networks. ACM Transactions on Sensor Networks, 2014, 10, 1-31.	3.6	8
74	Optimization of Renewable Green Base Station Deployment. , 2013, , .		11
75	Performance evaluation of wireless sensor networks in realistic wildfire simulation scenarios. , 2013, , .		2
76	Performance evaluation of heterogeneous wireless sensor networks for forest fire detection. , 2013, , .		4
77	User, device and orientation independent human activity recognition on mobile phones. , 2013, , .		76
78	Combined analysis of contention window size and duty cycle for throughput and energy optimization in wireless sensor networks. Computer Networks, 2013, 57, 1101-1112.	5.1	14
79	A Review and Taxonomy of Activity Recognition on Mobile Phones. BioNanoScience, 2013, 3, 145-171.	3.5	254
80	ARAS Human Activity Datasets in Multiple Homes with Multiple Residents. , 2013, , .		98
81	RFID based indoor location determination for elderly tracking. , 2012, , .		6
82	A smart couch design for improving the quality of life of the patients with cognitive diseases. , 2012, , .		0
83	Ring routing: An energy-efficient routing protocol for wireless sensor networks with a mobile sink. , 2012, , .		12
84	Performance evaluation of classification methods for online activity recognition on smart phones. , 2012, , .		2
85	Recruitment selection strategies for crowdsourced sensing. , 2012, , .		0
86	SUIT: A Cross Layer Image Transport Protocol with Fuzzy Logic Based Congestion Control for Wireless Multimedia Sensor Networks. , 2012, , .		5
87	Distributed and Online Fair Resource Management in Video Surveillance Sensor Networks. IEEE Transactions on Mobile Computing, 2012, 11, 835-848.	5.8	24
88	Detection quality of border surveillance wireless sensor networks in the existence of trespassersâ€™ favorite paths. Computer Communications, 2012, 35, 1185-1199.	5.1	32
89	Multi-sink load balanced forwarding with a multi-criteria fuzzy sink selection for video sensor networks. Computer Networks, 2012, 56, 615-627.	5.1	20
90	Efficient solution techniques for the integrated coverage, sink location and routing problem in wireless sensor networks. Computers and Operations Research, 2012, 39, 1530-1539.	4.0	33

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91	Sink placement on a 3D terrain for border surveillance in wireless sensor networks. Engineering Applications of Artificial Intelligence, 2012, 25, 82-93.	8.1	7
92	Complexity versus Page Hierarchy of a GUI for Elderly Homecare Applications. Lecture Notes in Computer Science, 2012, , 689-696.	1.3	5
93	On convex combinations of norms for group sparsity. , 2011, , .		0
94	Lifetime extension for surveillance wireless sensor networks with intelligent redeployment. Journal of Network and Computer Applications, 2011, 34, 1784-1793.	9.1	27
95	Design and implementation of a QoS-aware MAC protocol for Wireless Multimedia Sensor Networks. Computer Communications, 2011, 34, 1991-2001.	5.1	44
96	Cross layer load balanced forwarding schemes for video sensor networks. Ad Hoc Networks, 2011, 9, 265-284.	5.5	10
97	QoS-aware MAC protocols for wireless sensor networks: A survey. Computer Networks, 2011, 55, 1982-2004.	5.1	208
98	Classification of spontaneous and posed smiles. , 2011, , .		3
99	Lifetime Maximization in Wireless Sensor Networks Using a Mobile Sink with Nonzero Traveling Time. Computer Journal, 2011, 54, 1987-1999.	2.4	32
100	Using Active Learning to Allow Activity Recognition on a Large Scale. Lecture Notes in Computer Science, 2011, , 105-114.	1.3	23
101	Optimal placement, scheduling, and routing to maximize lifetime in sensor networks. Journal of the Operational Research Society, 2010, 61, 1000-1012.	3.4	15
102	An efficient heuristic for placement, scheduling and routing in wireless sensor networks. Ad Hoc Networks, 2010, 8, 654-667.	5.5	23
103	A column generation based heuristic for sensor placement, activity scheduling and data routing in wireless sensor networks. European Journal of Operational Research, 2010, 207, 1014-1026.	5.7	23
104	Surveillance with wireless sensor networks in obstruction: Breach paths as watershed contours. Computer Networks, 2010, 54, 428-441.	5.1	16
105	Efficient integer programming formulations for optimum sink location and routing in heterogeneous wireless sensor networks. Computer Networks, 2010, 54, 1805-1822.	5.1	50
106	Wireless sensor networks for healthcare: A survey. Computer Networks, 2010, 54, 2688-2710.	5.1	1,099
107	An analytical approach to the deployment quality of surveillance wireless sensor networks considering the effect of jammers and coverage holes. Computer Networks, 2010, 54, 3449-3466.	5.1	12
108	Detection performance improvement using risk assessment framework. , 2010, , .		0

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109	Wireless Healthcare Monitoring with RFID-Enhanced Video Sensor Networks. International Journal of Distributed Sensor Networks, 2010, 6, 473037.	2.2	11
110	Multi-modal fall detection within the WeCare framework. , 2010, , .		10
111	Diff-MAC. , 2010, , .		7
112	A robust multimodal fall detection method for ambient assisted living applications. , 2010, , .		6
113	A Tabu Search Heuristic for Point Coverage, Sink Location, and Data Routing in Wireless Sensor Networks. Lecture Notes in Computer Science, 2010, , 83-94.	1.3	2
114	Weighted distance-based m/n track initiation methods for wireless sensor networks in clutter. , 2010, , .		0
115	Using wireless sensor network technologies for elder and child care: An application architecture proposal. , 2009, , .		1
116	Performance evaluation of a mesh-evolving quality-of-service-aware multicast routing protocol for mobile ad hoc networks. Performance Evaluation, 2009, 66, 701-721.	1.2	6
117	WCOT: A utility based lifetime metric for wireless sensor networks. Computer Communications, 2009, 32, 409-418.	5.1	10
118	The impact of a realistic packet traffic model on the performance of surveillance wireless sensor networks. Computer Networks, 2009, 53, 382-399.	5.1	18
119	Energy and delay optimized contention for wireless sensor networks. Computer Networks, 2009, 53, 2106-2119.	5.1	42
120	Wake-up receivers for wireless sensor networks: benefits and challenges. IEEE Wireless Communications, 2009, 16, 88-96.	9.0	176
121	Information Content-Based Sensor Selection and Transmission Power Adjustment for Collaborative Target Tracking. IEEE Transactions on Mobile Computing, 2009, 8, 1103-1116.	5.8	29
122	A Variable Neighborhood Search Heuristic for Point Coverage, Sink Location and Data Routing in Wireless Sensor Networks. , 2009, , .		2
123	Redeployment Based Sensing Hole Mitigation in Wireless Sensor Networks. , 2009, , .		7
124	Channel assignment problem in cellular networks: A reactive tabu search approach. , 2009, , .		7
125	Binary integer programming formulation and heuristics for differentiated coverage in heterogeneous sensor networks. Computer Networks, 2008, 52, 2419-2431.	5.1	100
126	Minimum flow maximum residual routing in LEO satellite networks using routing set. Wireless Networks, 2008, 14, 501-517.	3.0	22

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127	Effect of 3D topographical surfaces for the performance evaluation of wireless sensor networks. , 2008, , .		4
128	Quality-of-service-aware multicast routing in heterogeneous networks with ad hoc extensions. , 2008, , .		2
129	Effect of sleep schedule and frame rate on the capabilities of Video Sensor Networks. , 2008, , .		3
130	Efficient integer programming formulations for optimum sink location and routing in wireless sensor networks. , 2008, , .		7
131	Temporal Resilience of Deployment Quality in Surveillance Wireless Sensor Networks. , 2008, , .		0
132	An efficient heuristic for placement, scheduling and routing in wireless sensor networks. , 2008, , .		2
133	Optimization of power consumption using trespassers's favorite path and variable sensing range integrated sleep schedule in surveillance wireless sensor networks. , 2008, , .		3
134	Enhancing The Performance of Nonuniformly Deployed Sensor Network by Locating Bottleneck Areas for Partial Redeployment. Modeling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS), Proceedings of the International Symposium on, 2007, , .	0.0	0
135	On Collaboration in a Distributed Multi-Target Tracking Framework. , 2007, , .		6
136	Multicasting for all-optical multifiber networks. Journal of Optical Networking, 2007, 6, 219.	2.5	9
137	A Flexible Scalable Solution for All-Optical Multifiber Multicasting: SLAM. Journal of Lightwave Technology, 2007, 25, 2653-2666.	4.6	2
138	Analysis of Target Detection Probability in Randomly Deployed Sensor Networks. IEEE Communications Letters, 2007, 11, 778-780.	4.1	7
139	Surveillance Wireless Sensor Networks: Deployment Quality Analysis. IEEE Network, 2007, 21, 48-53.	6.9	85
140	WCOT: A Realistic Lifetime Metric for the Performance Evaluation of Wireless Sensor Networks. , 2007, , .		2
141	Lifetime optimization using variable battery capacities and nonuniform density deployment in wireless sensor networks. , 2007, , .		10
142	Optimal placement and activity scheduling to maximize coverage lifetime in wireless sensor networks. , 2007, , .		8
143	An Information-Controlled Transmission Power Adjustment Scheme for Collaborative Target Tracking. , 2006, , .		1
144	Coverage in Sensor Networks When Obstacles Are Present. , 2006, , .		6

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145	Effective coverage in sensor networks: Binary integer programming formulations and heuristics. , 2006, , .		7
146	Wireless sensor networks for intrusion detection: packet traffic modeling. IEEE Communications Letters, 2006, 10, 22-24.	4.1	57
147	How many sensors for an acceptable breach detection probability?. Computer Communications, 2006, 29, 173-182.	5.1	40
148	MAC protocols for wireless sensor networks: a survey. , 2006, 44, 115-121.		920
149	Itinerant Delivery of Popular Data via WIDE Hot Spots. Mobile Networks and Applications, 2006, 11, 297-307.	3.3	0
150	Ad hoc quality of service multicast routing with objection queries for admission control. European Transactions on Telecommunications, 2006, 17, 561-576.	1.2	2
151	WIRELESS SENSOR NETWORKS FOR SECURITY: ISSUES AND CHALLENGES. , 2006, , 95-119.		3
152	Ad hoc quality of service multicast routing. Computer Communications, 2005, 29, 136-148.	5.1	41
153	A New Call Admission Control Scheme Based on Mobile Position Estimation in DS-CDMA Systems. Wireless Networks, 2005, 11, 341-351.	3.0	4
154	Quality of Deployment in Surveillance Wireless Sensor Networks. International Journal of Wireless Information Networks, 2005, 12, 61-67.	2.7	12
155	On the quality of deployment in wireless sensor networks. , 2005, , .		2
156	Admission Control for Multicast Routing with Quality of Service in Ad Hoc Networks. Lecture Notes in Computer Science, 2005, , 44-53.	1.3	1
157	Finding Breach Paths Using the Watershed Segmentation Algorithm in Surveillance Wireless Sensor Networks. Lecture Notes in Computer Science, 2004, , 363-372.	1.3	2
158	How a new realistic mobility model can affect the relative performance of a mobile networking scheme. Wireless Communications and Mobile Computing, 2004, 4, 383-394.	1.2	8
159	Overhead energy considerations for efficient routing in wireless sensor networks. Computer Networks, 2004, 46, 465-478.	5.1	19
160	A multicriteria handoff decision scheme for the next generation tactical communications systems. Computer Networks, 2004, 46, 695-708.	5.1	22
161	Location Area Planning and Cell-to-Switch Assignment in Cellular Networks. IEEE Transactions on Wireless Communications, 2004, 3, 880-890.	9.2	56
162	Multiple sink network design problem in large scale wireless sensor networks. , 2004, , .		195

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163	Multicast Routing for Ad Hoc Networks with a Multiclass Scheme for Quality of Service. Lecture Notes in Computer Science, 2004, , 187-197.	1.3	5
164	Reliable Delivery of Popular Data Services in WIDE. Lecture Notes in Computer Science, 2004, , 289-298.	1.3	0
165	WIDE: Wireless Information Delivery Environment in Distributed Hot Spots. Lecture Notes in Computer Science, 2004, , 315-328.	1.3	1
166	Simulation of Tactical Communications Systems by Inferring Detailed Data from the Joint Theater-Level Computer-Aided Exercises. Simulation, 2002, 78, 475-484.	1.8	8
167	Application of 3G PCS technologies to rapidly deployable mobile networks. IEEE Network, 2002, 16, 20-27.	6.9	13
168	Measurement-based replanning of cell capacities in GSM networks. Computer Networks, 2002, 39, 749-767.	5.1	23
169	A PCS based architecture for tactical mobile communications. Computer Networks, 2001, 35, 327-350.	5.1	1
170	Multi-Tier Cellular Network Dimensioning. Wireless Networks, 2001, 7, 401-411.	3.0	26
171	A virtual path routing algorithm for ATM networks based on the equivalent bandwidth concept. Computer Communications, 2000, 23, 379-394.	5.1	1
172	Genetic algorithms for designing multihop lightwave network topologies. Advanced Engineering Informatics, 1999, 13, 211-221.	0.5	22
173	Color quantization with genetic algorithms. Signal Processing: Image Communication, 1998, 12, 49-57.	3.2	12
174	Topological design of interconnected LAN/MAN networks. IEEE Journal on Selected Areas in Communications, 1993, 11, 1172-1182.	14.0	48
175	Topological design of interconnected LAN-MAN networks. , 1992, , .		8
176	Optimal two-tier cellular network design. , 0, , .		3
177	Application of a realistic mobility model to call admissions in DS-CDMA cellular systems. , 0, , .		8
178	On the retrial and redial phenomena in GSM networks. , 0, , .		5
179	Transient phenomena in bridged local area networks. , 0, , .		2
180	Topological design of multihop lightwave networks. , 0, , .		3

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181	Grouping cells in PCS networks. , 0, , .		1
182	A novel call admission scheme based on interference for DS-CDMA systems. , 0, , .		4
183	Location area planning in cellular networks using simulated annealing. , 0, , .		55
184	A fuzzy inference system for the handoff decision algorithms in the virtual cell layout based tactical communications systems. , 0, , .		12
185	Measurement-based replanning of GSM cell capacities considering retrials, redials and hand-offs. , 0, , .		2
186	High performance routing in a LEO satellite network. , 0, , .		12
187	Multicast routing for ad hoc networks with a quality of service scheme for session efficiency. , 0, , .		6
188	Finding sensing coverage and breach paths in wireless sensor networks. , 0, , .		0
189	Finding sensing coverage and breach paths in surveillance wireless sensor networks. , 0, , .		7
190	Sensor Deployment, Self-Organization, and Localization. , 0, , 11-90.		0