Abbas Jamalipour

List of Publications by Year in Descending Order

253 papers	3,081 citations	27 h-index	45 g-index
313 ext. papers	4,041 ext. citations	5.5 avg, IF	6.24 L-index

#	Paper	IF	Citations
253	Dynamic Aerial Wireless Power Transfer Optimization. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	2
252	Disguised Tailing and Video Surveillance with Solar-Powered Fixed-Wing Unmanned Aerial Vehicle. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	2
251	Energy-Efficient Resource Allocation for UAV-Assisted Vehicular Networks with Spectrum Sharing. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	2
250	Statistical Learning-based Grant-Free Access for Delay-Sensitive Internet of Things Applications. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	1
249	An Energy-Efficient Intelligent Framework of UAV-Enhanced Vehicular Networks: Open Problems and a Case Study. *IEEE Vehicular Technology Magazine*, **2022**, 2-11	9.9	2
248	Multi-Agent DRL-based Hungarian Algorithm (MADRLHA) for Task Offloading in Multi-Access Edge Computing Internet of Vehicles (IoVs). *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	4
247	Editorial Welcome Message From the New Editor-in-Chief. *IEEE Transactions on Vehicular Technology*, **2022**, 71, 2227-2228	6.8	
246	Federated Multi-agent Deep Reinforcement Learning for Resource Allocation of Vehicle-to-Vehicle Communications. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	2
245	Dynamic Routing Protocol Selection in Multi-hop Device-to-Device Wireless Networks. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	0
244	An Optimization Model for Appraising Intrusion-Detection Systems for Network Security Communications: Applications, Challenges, and Solutions. *Sensors*, **2022**, 22, 4123	3.8	
243	A Hybrid Deep Learning Approach for Replay and DDoS Attack Detection in a Smart City. *IEEE Access*, **2021**, 9, 154864-154875	3.5	2
242	Artificial Intelligence-Driven Real-Time Automatic Modulation Classification Scheme for Next-Generation Cellular Networks. *IEEE Access*, **2021**, 9, 155584-155597	3.5	1
241	An On-Chain Analysis-Based Approach to Predict Ethereum Prices. *IEEE Access*, **2021**, 9, 167972-167989	3.5	1
240	IRS-Assisted Downlink and Uplink NOMA in Wireless Powered Communication Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	6
239	A Taxonomy of Machine Learning based Intrusion Detection Systems for the Internet of Things: A Survey. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	4
238	. *IEEE Vehicular Technology Magazine*, **2021**, 16, 49-56	9.9	6
237	Wireless Virtual Reality in Beyond 5G Systems with the Internet of Intelligence. *IEEE Wireless Communications*, **2021**, 28, 70-77	13.4	5

218	Joint User Pairing and Resource Allocation in a SWIPT-Enabled Cooperative NOMA System. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6826-6840	6.8	10
217	A Blockchain Assisted Vehicular Pseudonym Issuance and Management System for Conditional Privacy Enhancement. *IEEE Access*, **2021**, 9, 127305-127319	3.5	7
216	Backscatter-Assisted Wireless Powered Communication Networks Empowered by Intelligent Reflecting Surface. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	7
215	A Heuristic Distributed Scheme to Detect Falsification of Mobility Patterns in Internet of Vehicles. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	5
214	Efficient Task Allocation Protocol for a Hybrid-Hierarchical Spatial-Aerial-Terrestrial Edge-Centric IoT Architecture. *IEICE Transactions on Communications*, **2021**,	0.5	1
213	Mobility Model for Contact-Aware Data Offloading Through Train-to-Train Communications in Rail Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-13	6.1	2
212	Software-Defined Coexisting UAV and WiFi: Delay-Oriented Traffic Offloading and UAV Placement. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 988-998	14.2	19
211	SDP-IGD: An Iterative Power Allocation Technique for Cluster-Based Multihop Vehicular Communications. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 7908-7915	6.8	2
210	Millimeter Wave Based Real-Time Sag Measurement and Monitoring System of Overhead Transmission Lines in a Smart Grid. *IEEE Access*, **2020**, 8, 100754-100767	3.5	5
209	Blockchain and SDN Architecture for Spectrum Management in Cellular Networks. *IEEE Access*, **2020**, 8, 94415-94428	3.5	2
208	Two-Way Dual-Hop WPCN With A Practical Energy Harvesting Model. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8013-8017	6.8	7
207	Cooperative Caching and Transmission in CoMP-Integrated Cellular Networks Using Reinforcement Learning. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5508-5520	6.8	21
206	Energy Optimization in Association-Free Fog-IoT Networks. *IEEE Transactions on Green Communications and Networking*, **2020**, 4, 404-412	4	6
205	Traffic Differentiated Clustering Routing in DSRC and C-V2X Hybrid Vehicular Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 7723-7734	6.8	33
204	UAV Placement and Power Allocation in Uplink and Downlink Operations of Cellular Network. *IEEE Transactions on Communications*, **2020**, 68, 4383-4393	6.9	20
203	Low-Delay Path Selection for Cluster-Based Buffer-Aided Vehicular Communications. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 9356-9363	6.8	3
202	New NOMA-Based Two-Way Relay Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 15314-15324	6.8	7
201	A Lightweight Intrusion Detection for Sybil Attack Under Mobile RPL in the Internet of Things. *IEEE Internet of Things Journal*, **2020**, 7, 379-388	10.7	38

200	Multidimensional Cooperative Caching in CoMP-Integrated Ultra-Dense Cellular Networks. *IEEE Transactions on Wireless Communications*, **2020**, 19, 1977-1989	9.6	16
199	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10019-10032	6.8	4
198	An Efficient Coordinator Selection Method for Geo-Routing Protocol in Vehicular Network **2020**,		1
197	Deep Q-Learning based Resource Management in UAV-assisted Wireless Powered IoT Networks **2020**,		7
196	SkopEdge: A Traffic-Aware Edge-Based Remote Auscultation Monitor **2020**,		2
195	A Comprehensive Access Point Placement for IoT Data Transmission Through Train-Wayside Communications in Multi-Environment Based Rail Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 11937-11949	6.8	4
194	Replay Attack Detection in Smart Cities Using Deep Learning. *IEEE Access*, **2020**, 8, 137825-137837	3.5	13
193	MAC Protocol for Underwater Sensor Networks Using EM Wave With TDMA Based Control Channel. *IEEE Access*, **2020**, 8, 168439-168455	3.5	2
192	BRT: Bus-Based Routing Technique in Urban Vehicular Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 4550-4562	6.1	14
191	A Reliable Data Loss Aware Algorithm for Fog-IoT Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5718-5722	6.8	4
190	Optimal Resource Allocation in Backscatter Assisted WPCN With Practical Energy Harvesting Model. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 12406-12410	6.8	18
189	ECaD: Energy-efficient routing in flying ad hoc networks. *International Journal of Communication Systems*, **2019**, 32, e4156	1.7	34
188	Protecting Cyber Physical Systems Using a Learned MAPE-K Model. *IEEE Access*, **2019**, 7, 90954-90963	3.5	4
187	Energy Consumption Tradeoff for Association-Free Fog-IoT **2019**,		3
186	FlowStat: Adaptive Flow-Rule Placement for Per-Flow Statistics in SDN. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 530-539	14.2	32
185	UAV-Empowered Disaster-Resilient Edge Architecture for Delay-Sensitive Communication. *IEEE Network*, **2019**, 33, 124-132	11.4	49
184	. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 6964-6974	6.8	30
183	EBA: Energy Balancing Algorithm for Fog-IoT Networks. *IEEE Internet of Things Journal*, **2019**, 6, 6843-6849	9.7	12

182	. *IEEE Vehicular Technology Magazine*, **2019**, 14, 22-32	9.9	12
181	Intrusion detection in smart cities using Restricted Boltzmann Machines. *Journal of Network and Computer Applications*, **2019**, 135, 76-83	7.9	35
180	On the Application of Agglomerative Hierarchical Clustering for Cache-Assisted D2D Networks **2019**,		7
179	Turning the Signal Interference Into Benefits: Towards Indoor Self-Powered Visible Light Communication for IoT Devices in Industrial Radio-Hostile Environments. *IEEE Access*, **2019**, 7, 24978-24989	3.5	16
178	Throughput Maximization in Backscatter Assisted Wireless Powered Communication Networks **2019**,		2
177	Optimal Best Path Selection Algorithm for Cluster-Based Multi-Hop MIMO Cooperative Transmission for Vehicular Communications. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 8314-8321	6.8	8
176	Probability-based opportunity dynamic adaptation (PODA) of contention window for home M2M networks. *Journal of Network and Computer Applications*, **2019**, 144, 1-12	7.9	2
175	A Machine Learning Approach for Intrusion Detection in Smart Cities **2019**,		3
174	Coverage Analysis for Multi-Request Association Model (MRAM) in a Caching Ultra-Dense Network. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 3882-3889	6.8	5
173	. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 12215-12226	6.8	45
172	Multi-Operator Cooperation for Green Cellular Networks With Spatially Separated Base Stations Under Dynamic User Associations. *IEEE Transactions on Green Communications and Networking*, **2019**, 3, 93-107	4	3
171	Optimal Resource Allocation for Multiuser Internet of Things Network With Single Wireless-Powered Relay. *IEEE Internet of Things Journal*, **2019**, 6, 3132-3142	10.7	20
170	Machine Learning Inspired Sound-Based Amateur Drone Detection for Public Safety Applications. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 2526-2534	6.8	71
169	Mobility-Aware Energy-Efficient Parent Selection Algorithm for Low Power and Lossy Networks. *IEEE Internet of Things Journal*, **2019**, 6, 2593-2601	10.7	22
168	Energy-efficient inter-RAN cooperation for non-collocated cell sites with base station selection and user association policies. *Wireless Networks*, **2019**, 25, 269-285	2.5	
167	Amateur Drone Surveillance: Applications, Architectures, Enabling Technologies, and Public Safety Issues: Part 2. *IEEE Communications Magazine*, **2018**, 56, 66-67	9.1	28
166	. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 6301-6310	6.8	16
165	Analysis of Effective Capacity and Throughput of Polling-Based Device-To-Device Networks. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 8656-8666	6.8	7

164	Delay-Oriented Spectrum Sharing and Traffic Offloading in Coexisting UAV-Enabled Cellular and WiFi Networks **2018**,		5
163	Blockchain in IoT Security: A Survey **2018**,		12
162	Traffic Steering for SDN-Based Cellular Networks: Policy Dependent Framework **2018**,		1
161	A Routing Framework for Offloading Traffic From Cellular Networks to SDN-Based Multi-Hop Device-to-Device Networks. *IEEE Transactions on Network and Service Management*, **2018**, 15, 1516-1531	4.8	19
160	PCF-Based LTE Wi-Fi Aggregation for Coordinating and Offloading the Cellular Traffic to D2D Network. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 12193-12203	6.8	4
159	On the authentication and re-authentication protocols in LTE-WLAN interworking architecture. *Transactions on Emerging Telecommunications Technologies*, **2017**, 28, e3031	1.9	3
158	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 9304-9312	6.8	24
157	Joint Encoding and Grouping Multiple Node Pairs for Physical-Layer Network Coding With Low-Complexity Algorithm. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 9275-9286	6.8	4
156	A Novel Random Access Mechanism for Timely Reliable Communications for Smart Meters. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 3256-3264	11.9	5
155	Extensive Cooperative Caching in D2D Integrated Cellular Networks. *IEEE Communications Letters*, **2017**, 21, 2101-2104	3.8	27
154	A QoS-Oriented High-Efficiency Resource Allocation Scheme in Wireless Multimedia Sensor Networks. *IEEE Sensors Journal*, **2017**, 17, 1538-1548	4	7
153	Toward the Evolution of Wireless Powered Communication Networks for the Future Internet of Things. *IEEE Network*, **2017**, 31, 62-69	11.4	64
152	Fairness enhancement in dual-hop wireless powered communication networks **2017**,		4
151	A smart city cyber security platform for narrowband networks **2017**,		7
150	Demand management using utility based real time pricing for smart grid with a new cost function **2017**,		1
149	EM-Based High Speed Wireless Sensor Networks for Underwater Surveillance and Target Tracking. *Journal of Sensors*, **2017**, 2017, 1-14	2	7
148	Authentication process enhancements in WiMAX networks. *Security and Communication Networks*, **2016**, 9, 4703-4725	1.9	1
147	Efficient beamforming and spectral efficiency maximization in a joint transmission system using an adaptive particle swarm optimization algorithm. *Applied Soft Computing Journal*, **2016**, 49, 759-769	7.5	4

128	Smart meter packet transmission via the control signal of LTE networks **2015**,		3
127	Optimal Cluster Head Spacing for Energy-Efficient Communication in Aerial-Backhauled Networks **2015**,		8
126	A three-tier SDN architecture for DenseNets **2015**,		9
125	A Context-Aware M2M-Based Middleware for Service Selection in Mobile Ad-Hoc Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2014**, 25, 3056-3065	3.7	11
124	M2M-Based Service Coverage for Mobile Users in Post-Emergency Environments. *IEEE Transactions on Vehicular Technology*, **2014**, 63, 3294-3303	6.8	7
123	Optimal Cluster Head Spacing for Energy-Efficient Communication in Aerial-Backhauled Networks **2014**,		1
122	AIM: Adaptive Internetwork interference mitigation amongst co-existing wireless body area networks **2014**,		22
121	Optimal resource allocation for Smart Grid applications in high traffic wireless networks **2014**,		4
120	Optimal power allocation for distributed blue estimation with linear spatial collaboration **2014**,		6
119	Downlink coverage performance of a relay cellular network considering non-uniform user distribution **2014**,		1
118	Random access issues for smart grid communication in LTE networks **2014**,		10
117	Modeling air-to-ground path loss for low altitude platforms in urban environments **2014**,		516
116	A Contract-Auction Mechanism for Multi-Relay Cooperative Wireless Networks **2014**,		5
115	An exact solution to degree distribution optimization in LT codes **2014**,		5
114	Effect of node neighborhood on the evolution of cooperation using public goods game in vehicular networks **2014**,		1
113	A MANET-based semantic traffic management framework for ubiquitous public safety networks. *Wireless Communications and Mobile Computing*, **2014**, 14, 1127-1142	1.9	5
112	A novel scheduling technique for Smart Grid data on LTE networks **2013**,		2
111	Toward self-organizing sectorization of LTE eNBs for energy efficient network operation under QoS constraints **2013**,		9

110	Special Issue on: Cooperative and Distributed Wireless Communications. *International Journal of Wireless Information Networks*, **2013**, 20, 167-169	1.9	
109	Relay selection scheme for cooperative communication networks using contract theory **2013**,		4
108	Data Persistency in Wireless Sensor Networks Using Distributed Luby Transform Codes. *IEEE Sensors Journal*, **2013**, 13, 4880-4890	4	10
107	Cooperative communication with asymmetric channel state information: A contract theoretic modeling approach. *China Communications*, **2013**, 10, 31-43	3	8
106	On the impact of network geometric models on multicell cooperative communication systems. *IEEE Wireless Communications*, **2013**, 20, 75-81	13.4	14
105	A scalable distributed Microgrid Control Structure **2013**,		1
104	A modified M2M-based movement prediction for realistic emergency environments **2013**,		1
103	EAR-BAN: Energy efficient adaptive routing in Wireless Body Area Networks **2013**,		5
102	Distributed MAC Protocol Supporting Physical-Layer Network Coding. *IEEE Transactions on Mobile Computing*, **2013**, 12, 1023-1036	4.6	24
101	Energy-Aware Dynamic Sectorization of Base Stations in Multi-Cell OFDMA Networks. *IEEE Wireless Communications Letters*, **2013**, 2, 587-590	5.9	7
100	Outage performance of a network model based on average user distance in cellular systems **2013**,		1
99	On the impact of relay-side channel state information on opportunistic relaying **2013**,		5
98	Synchronous Physical-Layer Network Coding: A Feasibility Study. *IEEE Transactions on Wireless Communications*, **2013**, 12, 4048-4057	9.6	19
97	Distributed Inter-BS Cooperation Aided Energy Efficient Load Balancing for Cellular Networks. *IEEE Transactions on Wireless Communications*, **2013**, 12, 5929-5939	9.6	33
96	A Novel Information Acquisition Technique for Mobile-Assisted Wireless Sensor Networks. *IEEE Transactions on Vehicular Technology*, **2012**, 61, 1752-1761	6.8	14
95	An Economic Welfare Preserving Framework for Spot Pricing and Hedging of Spectrum Rights for Cognitive Radio. *IEEE Transactions on Network and Service Management*, **2012**, 9, 87-99	4.8	6
94	Location Estimation Using Geometry of Overhearing Under Shadow Fading Conditions. *IEEE Transactions on Wireless Communications*, **2012**, 11, 4140-4149	9.6	3
93	On the Broadcast Latency in Finite Cooperative Wireless Networks. *IEEE Transactions on Wireless Communications*, **2012**, 11, 1307-1313	9.6	6

92	Contract design for relay-based cooperative communication with hidden channel state information **2012**,		4
91	Effect of altruism and punishment on selfish behavior for cooperation in Vehicular Networks **2012**,		6
90	Constellation mapping for physical-layer network coding with M-QAM modulation **2012**,		16
89	Link stability estimation based on link connectivity changes in mobile ad-hoc networks. *Journal of Network and Computer Applications*, **2012**, 35, 2051-2058	7.9	28
88	Phase-level synchronization for physical-layer network coding **2012**,		2
87	Content-based routing using multicasting for Vehicular Networks **2012**,		2
86	Ecologically inspired equitable resource distribution between heterogeneous service classes in the NGN **2012**,		1
85	Distributed data storage in sensor networks based on Raptor codes **2012**,		2
84	Cooperative communication and relay selection under asymmetric information **2012**,		6
83	Symbol error rate analysis for M-QAM modulated physical-layer network coding with phase errors **2012**,		7
82	Localization in wireless sensor networks by constrained simultaneous perturbation stochastic approximation technique **2012**,		4
81	Opinion based service selection in a pervasive cooperative consumer network **2012**,		1
80	Two-phase demand response based on privacy-preserving billing for smart grid **2012**,		1
79	Two level cooperation for energy efficiency in multi-RAN cellular network environment **2012**,		6
78	On the energy efficiency of self-organizing LTE cellular access networks **2012**,		4
77	3D Location Estimation in Urban Cellular Systems Using the Overhearing Model **2011**,		2
76	Opportunistic Virtual Backbone Construction in Intermittently Connected Mobile Ad Hoc Networks **2011**,		3
75	Rate and Power Adaptation for Analog Network Coding. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 2302-2313	6.8	37

74	A multi-path cognitive resource management mechanism for QoS provisioning in wireless mesh networks. *Wireless Networks*, **2011**, 17, 277-290	2.5	4
73	Accuracy, latency, and energy cross-optimization in wireless sensor networks through infection spreading. *International Journal of Communication Systems*, **2011**, 24, 628-646	1.7	16
72	A semantic agglomerative traffic management framework for ubiquitous public safety networks **2011**,		1
71	Opportunistic geocast in large scale intermittently connected mobile ad hoc networks **2011**,		4
70	A semantic traffic management scheme for public safety applications in Mobile Ad Hoc Networks **2011**,		2
69	An eco-inspired energy efficient access network architecture for next generation cellular systems **2011**,		20
68	Fastest Distributed Consensus on Star-Mesh Hybrid Sensor Networks **2011**,		2
67	A correlative study of cooperation enforcement mechanisms **2011**,		3
66	Resource competition at the NGN core network: An ecologically inspired analysis **2011**,		2
65	MPEG-4 Traffic Prediction Using Density Estimation for Dynamic Bandwidth Allocation in IEEE 802.16 Networks **2011**,		1
64	Fastest Distributed Consensus Problem on Fusion of Two Star Sensor Networks. *IEEE Sensors Journal*, **2011**, 11, 2494-2506	4	12
63	NEtwork MObility (NEMO) Support in Interworking Heterogeneous Mobile Networks **2010**,		3
62	A protocooperation-based sleep-wake architecture for next generation green cellular access networks **2010**,		12
61	Group Mobility Management for Vehicular Area Networks Roaming between Heterogeneous Networks **2010**,		2
60	A cooperative cache-based content delivery framework for intermittently connected mobile ad hoc networks. *IEEE Transactions on Wireless Communications*, **2010**, 9, 366-373	9.6	29
59	Opportunistic node authentication in intermittently connected mobile ad hoc networks **2010**,		3
58	A Cooperative Cellular Architecture with Emphasis on Traffic Load Balancing **2010**,		2
57	Route optimization for roaming heterogeneous multi-homed mobile networks **2010**,		1

56	Pricing of Cognitive Radio Rights to Maintain the Risk-Reward of Primary User Spectrum Investment **2010**,		3
55	Channel Occupancy Time Based TCP Rate Control for Improving Fairness in IEEE 802.11 DCF. *IEEE Transactions on Vehicular Technology*, **2010**, 59, 2974-2985	6.8	10
54	An analytical evaluation of mobility management in integrated WLAN-UMTS networks. *Computers and Electrical Engineering*, **2010**, 36, 735-751	4.3	16
53	Multi-path routing for a cognitive Wireless Mesh Network **2009**,		2
52	Game theoretic outage compensation in next generation mobile networks. *IEEE Transactions on Wireless Communications*, **2009**, 8, 2602-2608	9.6	1
51	MAC framework for Intermittently Connected Cognitive Radio networks **2009**,		5
50	A Dynamic Anomaly Detection Scheme for AODV-Based Mobile Ad Hoc Networks. *IEEE Transactions on Vehicular Technology*, **2009**, 58, 2471-2481	6.8	72
49	DEMAPS: A Load-Transition-Based Mobility Management Scheme for an Efficient Selection of MAP in Mobile IPv6 Networks. *IEEE Transactions on Vehicular Technology*, **2009**, 58, 954-965	6.8	14
48	An optimized forwarding protocol for lifetime extension of wireless sensor networks. *Wireless Communications and Mobile Computing*, **2009**, 9, 103-115	1.9	7
47	Optimized message delivery framework using fuzzy logic for intermittently connected mobile ad hoc networks.. *Wireless Communications and Mobile Computing*, **2009**, 9, 501-512	1.9	6
46	Combating against internet worms in large-scale networks: an autonomic signature-based solution. *Security and Communication Networks*, **2009**, 2, 11-28	1.9	7
45	Evaluation of Session Handoffs in a Heterogeneous Mobile Network for Pareto Based Packet Arrivals **2009**,		2
44	An Epidemic P2P Content Search Mechanism for Intermittently Connected Mobile Ad Hoc Networks **2009**,		7
43	Bounded Dimensioning of Multitraffic Next-Generation Mobile Networks. *IEEE Transactions on Vehicular Technology*, **2008**, 57, 1957-1963	6.8	0
42	Stable Clustering and Communications in Pseudolinear Highly Mobile Ad Hoc Networks. *IEEE Transactions on Vehicular Technology*, **2008**, 57, 3769-3777	6.8	35
41	Designing an Application-Aware Routing Protocol for Wireless Sensor Networks **2008**,		1
40	Bilateral Shapley Value Based Cooperative Gateway Selection in Congested Wireless Mesh Networks **2008**,		3
39	Cache-Based Content Delivery in Opportunistic Mobile Ad Hoc Networks **2008**,		9

38	On the use of WiMAX as the terrestrial segment for DVB-SH networks **2008**,		1
37	An architecture for mobility management in interworked 3G cellular and WiMAX Networks. *Wireless Telecommunications Symposium, 2009 WTS 2009*, **2008**,		3
36	Analysis of Signaling Cost for a Roaming User in a Heterogeneous Mobile Data Network **2008**,		3
35	A Fuzzy Logic-based Delivery Framework for Optimized Routing in Mobile Ad Hoc Networks **2008**,		3
34	Securing the next generation mobile network. *Security and Communication Networks*, **2008**, 1, 25-43	1.9	3
33	Detecting spurious timeouts in wireless cellular networks using DS-Agent. *Wireless Communications and Mobile Computing*, **2008**, 8, 267-275	1.9	
32	Priority-based adaptive routing in NGEO satellite networks. *International Journal of Communication Systems*, **2007**, 20, 313-333	1.7	25
31	A study of a routing attack in OLSR-based mobile ad hoc networks. *International Journal of Communication Systems*, **2007**, 20, 1245-1261	1.7	20
30	Performance Evaluation of Optimized Forwarding Strategy for Flat Sensor Networks **2007**,		6
29	A Unified Mobility and Session Management Platform for Next Generation Mobile Networks **2007**,		17
28	A Novel Scheme to Reduce Control Overhead and Increase Link Duration in Highly Mobile Ad Hoc Networks **2007**,		17
27	A New Stable Clustering Scheme for Pseudo-Linear Highly Mobile Ad Hoc Networks **2007**,		8
26	Exploring the routing strategies in next-generation satellite networks. *IEEE Wireless Communications*, **2007**, 14, 79-88	13.4	56
25	On data gathering and security in wireless sensor networks **2007**,		3
24	An Efficient Signature-Based Approach for Automatic Detection of Internet Worms over Large-Scale Networks **2006**,		2
23	SAT05-1: Design Guidelines for a Global and Self-Managed LEO Satellites-Based Sensor Network. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		7
22	SAT04-3: ELB: An Explicit Load Balancing Routing Protocol for Multi-Hop NGEO Satellite Constellations. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		19
21	NIS08-1: A Multi-level Security Based Autonomic Parameter Selection Approach for an Effective and Early Detection of Internet Worms. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		1

20	Adaptive Beamforming and Modulation for OFDM in Co-Working WLANs With ACK Eigen-Steering **2006**,		2
19	**2006**,		6
18	NXG04-5: Fair Call Admission Control for Prioritizing Vertical Handoff in Multi-Traffic B3G Networks. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		3
17	Interference Cancellation in Coexisting Wireless Local Area Networks **2006**,		2
16	NXG04-2: A Negotiation-Based Network Selection Scheme for Next-Generation Mobile Systems. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		3
15	NIS07-4: Traitor Tracing Technology of Streaming Contents Delivery using Traffic Pattern in Wired/Wireless Environments. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		4
14	NIS01-2: A Collusion Attack Against OLSR-based Mobile Ad Hoc Networks. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		31
13	Multipath Doppler Routing with QoS Support in Pseudo-linear Highly Mobile Ad Hoc Networks **2006**,		9
12	A Fair TCP-Based Congestion Avoidance Approach for One-to-Many Private Networks **2006**,		2
11	Theatre in the Sky: a ubiquitous broadband multimedia-on-demand service over a novel constellation composed of quasi-geostationary satellites. *International Journal of Satellite Communications and Networking*, **2006**, 24, 215-227	1.7	1
10	TCP performance in wireless networks with delay spike and different initial congestion window sizes. *Computer Communications*, **2006**, 29, 926-933	5.1	6
9	End-to-end QoS support for IP and multimedia traffic in heterogeneous mobile networks. *Computer Communications*, **2006**, 29, 671-682	5.1	6
8	TCP throughput and fairness performance in presence of delay spikes in wireless networks. *International Journal of Communication Systems*, **2005**, 18, 395-407	1.7	5
7	Service based CAC with QoS guarantee in mobile wireless cellular networks. *International Journal of Communication Systems*, **2005**, 18, 817-831	1.7	1
6	QoS-aware mobility support architecture for next generation mobile networks. *Wireless Communications and Mobile Computing*, **2005**, 5, 887-898	1.9	4
5	IP Traffic Load Distribution in NGEO Broadband Satellite Networks (Invited Paper). *Lecture Notes in Computer Science*, **2005**, 113-123	0.9	8
4	Adaptive directional-aware location update strategy. *International Journal of Communication Systems*, **2004**, 17, 141-161	1.7	3
3	An adaptive path routing scheme for satellite IP networks. *International Journal of Communication Systems*, **2003**, 16, 5-21	1.7	11

2 Measurement-based admission control scheme with priority and service classes for application in wireless IP networks. *International Journal of Communication Systems*, **2003**, 16, 535-551   1.7   7

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