

# Mario Gerla

## 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.

236 papers	7,674 citations	39 h-index	81 g-index
282 ext. papers	9,275 ext. citations	3.9 avg, IF	6.16 L-index

#	Paper	IF	Citations
236	Social contact graph-based group communication schemes for delay tolerant networks. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , <b>2021</b> , 36, 380-394	1	2
235	Adaptive Data Transmission Control for Spatio-temporal Data Retention over Crowds of Vehicles. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	1
234	Virtual Edge Computing Using Vehicular Micro Clouds <b>2019</b> ,		12
233	Towards Efficient Cellular Traffic Offloading via Dynamic MPTCP Path Configuration with SDN <b>2019</b> ,		1
232	Socially Inspired Relaying and Proactive Mode Selection in mmWave Vehicular Communications. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 5172-5183	10.7	10
231	A Software Defined Multi-Path Traffic Offloading System for Heterogeneous LTE-WiFi Networks <b>2019</b> ,		3
230	Energy Efficiency Enhancement in 5G Mobile Wireless Networks <b>2019</b> ,		4
229	Spatio-Temporal Data Retention System with MEC for Local Production and Consumption <b>2018</b> ,		2
228	BOTVEILLANCE: A Vehicular Botnet Surveillance Attack against Pseudonymous Systems in VANETs <b>2018</b> ,		6
227	Software Defined Multi-Path TCP Solution for Mobile Wireless Tactical Networks <b>2018</b> ,		8
226	Promoting Cooperative Strategies on Proof-of-Work Blockchain <b>2018</b> ,		1
225	Refactoring Network Functions Modules to Reduce Latencies and Improve Fault Tolerance in NFV. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 2275-2287	14.2	6
224	Service Migration from Cloud to Multi-tier Fog Nodes for Multimedia Dissemination with QoE Support. <i>Sensors</i> , <b>2018</b> , 18,	3.8	39
223	Time-constrained anycast routing under short contact duration in delay-tolerant networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2018</b> , 73, 549-558	2	2
222	Social Norm Incentives for Network Coding in Manets. <i>IEEE/ACM Transactions on Networking</i> , <b>2017</b> , 25, 1761-1774	3.8	5
221	Vehicle location service scheme based on road map in Vehicular Sensor Networks. <i>Computer Networks</i> , <b>2017</b> , 127, 138-150	5.4	8
220	An anycast routing strategy with time constraint in delay tolerant networks <b>2017</b> ,		2

219	Contact Duration-Aware Routing in Delay Tolerant Networks <b>2017</b> ,	8	
218	Practical random linear coding for MultiPath TCP: MPC-TCP <b>2017</b> ,	4	
217	An Evolutionary Multi-player Game Model for Two-Hop Routing in Delay Tolerant Networks <b>2017</b> ,	1	
216	Privacy Risks in Vehicle Grids and Autonomous Cars <b>2017</b> ,	2	
215	Traffic optimization in software defined naval network for satellite communications <b>2017</b> ,	8	
214	INTERLOC: An interference-aware RSSI-based localization and sybil attack detection mechanism for vehicular ad hoc networks <b>2017</b> ,	10	
213	Localization of Sybil Nodes with Electro-Acoustic Positioning in VANETs <b>2017</b> ,	2	
212	A Relay Selection Strategy Based on Power-Law and Exponentially Distributed Contacts in DTNs <b>2017</b> ,	1	
211	Trends in Human-Centric Multimedia Networking scenarios <b>2016</b> ,	5	
210	Social-Distance based anycast routing in Delay Tolerant Networks <b>2016</b> ,	1	
209	A joint relay selection and buffer management scheme for delivery rate optimization in DTNs <b>2016</b> ,	3	
208	Software-Defined Management of Edge as a Service Networks. <i>IEEE Transactions on Network and Service Management</i> , <b>2016</b> , 13, 226-239	4.8	6
207	DPEL: Dynamic PIT Entry Lifetime in Vehicular Named Data Networks. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 336-339	3.8	30
206	Routing Protocols for Cognitive Vehicular Ad Hoc Networks <b>2016</b> , 78-111		1
205	Crowdsource Based Indoor Localization by Uncalibrated Heterogeneous Wi-Fi Devices. <i>Mobile Information Systems</i> , <b>2016</b> , 2016, 1-18	1.4	9
204	A novel social contact graph-based routing strategy for workload and throughput fairness in delay tolerant networks. <i>Wireless Communications and Mobile Computing</i> , <b>2016</b> , 16, 1352-1362	1.9	5
203	Socio-geo: Social network routing protocol in delay tolerant networks <b>2016</b> ,		1
202	Multipath TCP in SDN-enabled LEO satellite networks <b>2016</b> ,		23

201	Software Defined naval network for satellite communications (SDN-SAT) <b>2016</b> ,		12
200	Poster: On the effect of RF jamming attack on autonomous platooning systems with radio and VLC hybrid communication <b>2016</b> ,		1
199	Information-centric VANETs: A study of content routing design alternatives <b>2016</b> ,		11
198	Efficient Sink Location Service for prolonging the network lifetime in wireless sensor networks <b>2016</b> ,		2
197	A security framework for content retrieval in DTNs <b>2016</b> ,		1
196	Centralized network utility maximization over aggregate flows <b>2016</b> ,		4
195	Social caching and content retrieval in Disruption Tolerant Networks (DTNs) <b>2015</b> ,		14
194	Robust Power Control Under Location and Channel Uncertainty in Cognitive Radio Networks. <i>IEEE Wireless Communications Letters</i> , <b>2015</b> , 4, 113-116	5.9	10
193	Enhancing the quality level support for real-time multimedia applications in software-defined networks <b>2015</b> ,		21
192	Scalable VANET content routing using hierarchical bloom filters. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 1001-1014	1.9	24
191	Scalable reactive vehicle-to-vehicle congestion avoidance mechanism <b>2015</b> ,		11
190	A two-level multicast routing strategy for delay tolerant networks <b>2015</b> ,		1
189	Incentive driven LTE content distribution in VANETs <b>2015</b> ,		8
188	Multipath TCP over LEO satellite networks <b>2015</b> ,		6
187	A DTN Routing and Buffer Management Strategy for Message Delivery Delay Optimization <b>2015</b> ,		1
186	Drop Dead Data - What to expect Securing Data instead of Channels <b>2015</b> ,		1
185	A novel social contact graph based routing strategy for Delay Tolerant Networks <b>2015</b> ,		4
184	DOTS: A Propagation Delay-Aware Opportunistic MAC Protocol for Mobile Underwater Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2014</b> , 13, 766-782	4.6	73

183	Towards software-defined VANET: Architecture and services <b>2014</b> ,		200
182	Information-centric delay-tolerant mobile ad-hoc networks <b>2014</b> ,		34
181	Cognitive routing with the ETX metric <b>2014</b> ,		10
180	Community aware content retrieval in disruption-tolerant networks <b>2014</b> ,		4
179	Software-Defined Mobile Cloud: Architecture, services and use cases <b>2014</b> ,		40
178	Optimal content placement in ICN vehicular networks <b>2014</b> ,		6
177	DT-ICAN: A Disruption-Tolerant Information-centric Ad-Hoc Network <b>2014</b> ,		3
176	Towards inter-vehicle communication strategies for platooning support <b>2014</b> ,		21
175	Fairness evaluation of pipeline coded and non coded TCP flows <b>2014</b> ,		4
174	<b>2014</b> , 52, 148-155		241
173	A framework for inter-domain routing in virtual coordinate based mobile networks. <i>Wireless Networks</i> , <b>2013</b> , 19, 1611-1626	2.5	5
172	Broadcast-First Service Scheduling Scheme for Vehicle-Roadside Communication. <i>Wireless Personal Communications</i> , <b>2013</b> , 68, 1903-1922	1.9	2
171	FreeLoc: Calibration-free crowdsourced indoor localization <b>2013</b> ,		136
170	Cognitive multicast with partially overlapped channels in vehicular ad hoc networks. <i>Ad Hoc Networks</i> , <b>2013</b> , 11, 2016-2025	4.8	5
169	Surveillance service on the open mobile cloud <b>2013</b> ,		1
168	Understanding Processing Overheads of Network Coding-Based Content Distribution in VANETs. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2013</b> , 24, 2304-2318	3.7	13
167	Interest propagation in named data manets <b>2013</b> ,		7
166	A cluster based architecture for intersection collision avoidance using heterogeneous networks <b>2013</b> ,		36

165	MADN - Multipath Ad-hoc Data Network prototype and experiments <b>2013</b> ,		4
164	M-FAMA: A multi-session MAC protocol for reliable underwater acoustic streams <b>2013</b> ,		24
163	LTE resource scheduling for vehicular safety applications <b>2013</b> ,		12
162	Fundamental limits on end-to-end throughput of network coding in multi-rate and multicast wireless networks. <i>Computer Networks</i> , <b>2013</b> , 57, 3267-3275	5.4	16
161	Pics-on-wheels: Photo surveillance in the vehicular cloud <b>2013</b> ,		38
160	BAHG: Back-Bone-Assisted Hop Greedy Routing for VANET's City Environments. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2013</b> , 14, 199-213	6.1	64
159	Social network based security scheme in mobile information-centric network <b>2013</b> ,		6
158	Prefix hopping: efficient many-to-many communication support in information centric networks <b>2013</b> ,		2
157	Quorum-based location service in Vehicular Sensor Networks <b>2013</b> ,		3
156	Special issue for selected papers from wireless days 2010 conference Mobile communications and computing in challenged environments: models, protocols, applications <i>Wireless Communications and Mobile Computing</i> , <b>2013</b> , 13, 211-211	1.9	
155	Priority-Based Congestion Control Algorithm for Cross-Traffic Assistance on LTE Networks <b>2013</b> ,		4
154	Secure Incentives for Commercial Ad Dissemination in Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 2715-2728	6.8	39
153	Physical layer security in wireless smart grid <b>2012</b> , 50, 46-52		45
152	DDOR: Destination discovery oriented routing in highway/freeway VANETs+. <i>Telecommunication Systems</i> , <b>2012</b> , 50, 267-284	2.3	16
151	We Can Deliver Messages to Far Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2012</b> , 13, 1099-1115	6.1	49
150	Mobile social network based trust authentication <b>2012</b> ,		4
149	Web-based mobile e-Diary for youth with Sickle Cell Disease <b>2012</b> ,		2
148	Social norm incentives for secure network coding in MANETs <b>2012</b> ,		3

147	Supporting military communications with Named Data Networking: An emulation analysis <b>2012</b> ,		11
146	Vehicular Cloud Computing <b>2012</b> ,		138
145	<b>2012</b> ,		2
144	Content routing in the Vehicle Cloud <b>2012</b> ,		16
143	Performance evaluation of wireless network coding in TDMA networks <b>2012</b> ,		1
142	CodeMP: Network coded multipath to support TCP in disruptive MANETs <b>2012</b> ,		4
141	Rapid Dengue and Outbreak Detection with Mobile Systems and Social Networks. <i>Mobile Networks and Applications</i> , <b>2012</b> , 17, 178-191	2.9	11
140	Cognitive multicast (CoCast) in vehicular networks using OFDM subchannels and network coding <b>2012</b> ,		3
139	RPL under mobility <b>2012</b> ,		25
138	A Comprehensive Evaluation of RPL under Mobility. <i>International Journal of Vehicular Technology</i> , <b>2012</b> , 2012, 1-10		37
137	Improving highway traffic through partial velocity synchronization <b>2012</b> ,		5
136	Binary-Partition-Assisted MAC-Layer Broadcast for Emergency Message Dissemination in VANETs. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2011</b> , 12, 757-770	6.1	70
135	Timely and robust key establishment under jamming attack in critical wireless networks <b>2011</b> ,		3
134	Multiple network coded TCP sessions in disruptive wireless scenarios <b>2011</b> ,		6
133	CoRoute: A new cognitive anypath vehicular routing protocol <b>2011</b> ,		13
132	CORNER: A Radio Propagation Model for VANETs in Urban Scenarios. <i>Proceedings of the IEEE</i> , <b>2011</b> , 99, 1280-1294	14.3	33
131	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2011</b> , 12, 1537-1548	6.1	105
130	ComboCoding: Combined intra-/inter-flow network coding for TCP over disruptive MANETs. <i>Journal of Advanced Research</i> , <b>2011</b> , 2, 241-252	13	12

129	MPR-aware performance improvement for inter-domain routing in MANETs <b>2011</b> ,		1
128	MANET QoS support without reservations. <i>Security and Communication Networks</i> , <b>2011</b> , 4, 316-328	1.9	6
127	CoRoute: a new cognitive anypath vehicular routing protocol. <i>Wireless Communications and Mobile Computing</i> , <b>2011</b> , 11, 1588-1602	1.9	36
126	Personal gateway in mobile health monitoring <b>2011</b> ,		7
125	Running consistent, parallel experiments in vehicular environment <b>2011</b> ,		2
124	Performance Evaluation of Secure Network Coding Using Homomorphic Signature <b>2011</b> ,		7
123	NAVOPT: Navigator Assisted Vehicular Route OPTimizer <b>2011</b> ,		10
122	Enhancing in vehicle digital maps via GPS crowdsourcing <b>2011</b> ,		16
121	RTMB/CTMB: A Collision Avoidance Scheme for VANET Broadcast <b>2011</b> ,		1
120	Vehicular networks and the future of the mobile internet. <i>Computer Networks</i> , <b>2011</b> , 55, 457-469	5.4	200
119	TP-UrbanX - A new transport protocol for Cognitive Multi-Radio Mesh Networks <b>2011</b> ,		2
118	Cognitive radio implementation in ISM bands with Microsoft SORA <b>2011</b> ,		5
117	C-VeT the UCLA campus vehicular testbed: Integration of VANET and Mesh networks <b>2010</b> ,		30
116	Trace-Based Evaluation of Rate Adaptation Schemes in Vehicular Environments <b>2010</b> ,		3
115	An Optimization Framework for Opportunistic Receiver Scheduling in Wireless Multi-Hop Networks <b>2010</b> ,		2
114	Phero-trail: a bio-inspired location service for mobile underwater sensor networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2010</b> , 28, 553-563	14.2	46
113	An opportunistic relay protocol for vehicular road-side access with fading channels <b>2010</b> ,		33
112	An efficient road-based directional broadcast protocol for urban VANETs <b>2010</b> ,		17



111	TrafRoute: A different approach to routing in vehicular networks <b>2010</b> ,	26	
110	Randomized channel hopping scheme for anti-jamming communication <b>2010</b> ,	23	
109	AutoGait: A mobile platform that accurately estimates the distance walked <b>2010</b> ,	2	
108	Urban-X: Towards distributed channel assignment in cognitive multi-radio mesh networks <b>2010</b> ,	25	
107	Cognitive Multi-Radio Mesh Networks on ISM bands: A cross-layer architecture <b>2010</b> ,	8	
106	Group-based secure source authentication protocol for VANETs <b>2010</b> ,	11	
105	EDFS a novel flooding protocol for multi-hop wireless networks <b>2010</b> ,	1	
104	CORNER: a realistic urban propagation model for VANET <b>2010</b> ,	60	
103	Energy-Efficient Accelerometer Data Transfer for Human Body Movement Studies <b>2010</b> ,	12	
102	Opportunistic vehicular routing <b>2010</b> ,	17	
101	Content Centric Networking in tactical and emergency MANETs <b>2010</b> ,	69	
100	Wireless Interrupt: Inter-Device Signaling in Next Generation Wireless Networks <b>2010</b> ,	9	
99	TCP-Derwood: A TCP variant to address link switches <b>2010</b> ,	1	
98	Adaptive forwarding rate control for network coding in tactical manets <b>2010</b> ,	3	
97	Connectivity improvement for inter-domain routing in MANETs <b>2010</b> ,	5	
96	Vehicular communications: emergency video streams and network coding. <i>Journal of Internet Services and Applications</i> , <b>2010</b> , 1, 57-68	2.6	14
95	GeoDTN+Nav: Geographic DTN Routing with Navigator Prediction for Urban Vehicular Environments. <i>Mobile Networks and Applications</i> , <b>2010</b> , 15, 61-82	2.9	124
94	FleaNet: A Virtual Market Place on Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 344-355	6.8	55

93	P2P Content Distribution to Mobile Bluetooth Users. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 356-367	6.8	31
92	A survey of urban vehicular sensing platforms. <i>Computer Networks</i> , <b>2010</b> , 54, 527-544	5.4	152
91	Taking the LOUVRE approach. <i>IEEE Vehicular Technology Magazine</i> , <b>2009</b> , 4, 86-92	9.9	2
90	Dissemination and Harvesting of Urban Data Using Vehicular Sensing Platforms. <i>IEEE Transactions on Vehicular Technology</i> , <b>2009</b> , 58, 882-901	6.8	139
89	Bio-inspired multi-agent data harvesting in a proactive urban monitoring environment. <i>Ad Hoc Networks</i> , <b>2009</b> , 7, 725-741	4.8	35
88	RF-GPS: RFID assisted localization in VANETs <b>2009</b> ,		23
87	Robust MANET routing using adaptive path redundancy and coding <b>2009</b> ,		14
86	BPAB: Binary Partition Assisted Emergency Broadcast Protocol For Vehicular Ad Hoc Networks <b>2009</b> ,		30
85	CORP: Cooperative rateless code protocol for vehicular content dissemination <b>2009</b> ,		12
84	TO-GO: TOpology-assist geo-opportunistic routing in urban vehicular grids <b>2009</b> ,		31
83	Thin Layer approach to increase reliability in ad hoc network <b>2009</b> ,		1
82	Two Ray or not Two Ray this is the price to pay <b>2009</b> ,		9
81	Rateless Codes for File Transfer over DVB-S <b>2009</b> ,		9
80	COCAST: Multicast mobile ad hoc networks using cognitive radio <b>2009</b> ,		19
79	Cluster-based inter-domain routing (cidr) protocol for MANETs <b>2009</b> ,		17
78	CapStart: An Adaptive TCP Slow Start for High Speed Networks <b>2009</b> ,		8
77	A Novel Data Dissemination Method for Vehicular Networks with Rateless Codes <b>2009</b> ,		16
76	Delay tolerant Mobility Aware Routing/Mobility Dissemination Protocol for the airborne network <b>2009</b> ,		3

75	An analytical framework for neighbor discovery strategies in ad hoc networks with sectorized antennas. <i>IEEE Communications Letters</i> , <b>2009</b> , 13, 832-834	3.8	22
74	Network coding vs. erasure coding: Reliable multicast in ad hoc networks <b>2008</b> ,		22
73	Mobility Aware Routing for the Airborne Network backbone <b>2008</b> ,		36
72	Cooperative Synchronous Broadcasting in Infrastructure-to-Vehicles Networks <b>2008</b> ,		9
71	Active Highways (Position Paper) <b>2008</b> ,		6
70	Efficient peer-to-peer file sharing using network coding in MANET. <i>Journal of Communications and Networks</i> , <b>2008</b> , 10, 422-429	4.1	23
69	Content Distribution in VANETs Using Network Coding: The Effect of Disk I/O and Processing O/H <b>2008</b> ,		35
68	LOUVRE: Landmark Overlays for Urban Vehicular Routing Environments <b>2008</b> ,		55
67	PathCrawler: Automatic harvesting web infra-structure <b>2008</b> ,		1
66	TCP SPC: Statistic Process Control for Enhanced Transport over Wireless Links <b>2008</b> ,		2
65	Remote Medical Monitoring Through Vehicular Ad Hoc Network <b>2008</b> ,		14
64	Bluetooth 2.1 based Emergency Data Delivery System in HealthNet <b>2008</b> ,		3
63	C-VeT An Open Research Platform for VANETs: Evaluation of Peer to Peer Applications in Vehicular Networks <b>2008</b> ,		2
62	Bio-Inspired Multi-agent Collaboration for Urban Monitoring Applications. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 204-216	0.9	5
61	Opportunistic medical monitoring using bluetooth P2P networks <b>2008</b> ,		1
60	A Cross-Comparison of Advanced TCP Protocols in High Speed and Satellite Environments <b>2008</b> ,		1
59	Concurrent link capacity of MIMO ad-hoc networks with QoS constraint <b>2008</b> ,		3
58	Peer to peer video streaming in Bluetooth overlays. <i>Multimedia Tools and Applications</i> , <b>2008</b> , 37, 263-292.	5	4

57	E-ODMRP: Enhanced ODMRP with motion adaptive refresh. <i>Journal of Parallel and Distributed Computing</i> , <b>2008</b> , 68, 1044-1053	4.4	33
56	PBProbe: A capacity estimation tool for high speed networks. <i>Computer Communications</i> , <b>2008</b> , 31, 3883-3893	5.1	18
55	CORA: Collaborative Opportunistic Recovery Algorithm for loss controlled, delay bounded ad hoc multicast. <i>Computer Communications</i> , <b>2008</b> , 31, 3672-3682	5.1	3
54	BlueTorrent: Cooperative Content Sharing for Bluetooth Users <b>2007</b> ,		32
53	A Scalable Overlay Multicast Architecture for Large-Scale Applications. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2007</b> , 18, 449-459	3.7	24
52	Evaluating vehicle network strategies for downtown Portland <b>2007</b> ,		44
51	An Identity-Free and On-Demand Routing Scheme against Anonymity Threats in Mobile Ad Hoc Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2007</b> , 6, 888-902	4.6	49
50	A Mobile Delay-Tolerant Approach to Long-Term Energy-Efficient Underwater Sensor Networking <b>2007</b> ,		31
49	Standard Integration of Sensing and Opportunistic Diffusion for Urban Monitoring in Vehicular Sensor Networks: the MobEyes Architecture <b>2007</b> ,		13
48	Enhanced Perimeter Routing for Geographic Forwarding Protocols in Urban Vehicular Scenarios <b>2007</b> ,		81
47	BlueTorrent: Cooperative content sharing for Bluetooth users. <i>Pervasive and Mobile Computing</i> , <b>2007</b> , 3, 609-634	3.5	25
46	Performance of Network-Coding in Multi-Rate Wireless Environments for Multicast Applications <b>2007</b> ,		12
45	First Responders' Crystal Ball: How to Scry the Emergency from a Remote Vehicle. <i>Performance, Computing and Communications Conference (IPCCC), IEEE International</i> , <b>2007</b> ,		18
44	MIMO and TCP: A Case for Cross Layer Design <b>2007</b> ,		3
43	MIMO-CAST: A Cross-Layer Ad Hoc Multicast Protocol using MIMO Radios <b>2007</b> ,		1
42	How Do You Quickly Choreograph Inter-Vehicular Communications? A Fast Vehicle-to-Vehicle Multi-Hop Broadcast Algorithm, Explained <b>2007</b> ,		46
41	Secure incentives for commercial ad dissemination in vehicular networks <b>2007</b> ,		71
40	PiggyCode: A MAC Layer Network Coding Scheme to Improve TCP Performance Over Wireless Networks <b>2007</b> ,		16

39	Comparisons of ZigBee Personal Area Network (PAN) Interconnection Methods <b>2007</b> ,		11
38	Temporary Interconnection of ZigBee Personal Area Network (PAN) <b>2007</b> ,		2
37	NCR: A Unifying Parameter to Characterize and Evaluate Data Dissemination Scenarios, and its Analytic Study <b>2007</b> ,		1
36	Modeling Channel Conflict Probabilities between IEEE 802.15 based Wireless Personal Area Networks <b>2006</b> ,		6
35	. <i>IEEE Wireless Communications</i> , <b>2006</b> , 13, 76-81	13.4	146
34	FleaNet: A Virtual Market Place on Vehicular Networks <b>2006</b> ,		12
33	Impact of Node Heterogeneity in ZigBee Mesh Network Routing <b>2006</b> ,		19
32	FleaNet: A Virtual Market Place on Vehicular Networks <b>2006</b> ,		6
31	Ad-hoc Storage Overlay System (ASOS): A Delay-Tolerant Approach in MANETs <b>2006</b> ,		11
30	. <i>IEEE Wireless Communications</i> , <b>2006</b> , 13, 52-57	13.4	234
29	Mobility changes anonymity: new passive threats in mobile ad hoc networks. <i>Wireless Communications and Mobile Computing</i> , <b>2006</b> , 6, 281-293	1.9	10
28	Geo-LANMAR: a scalable routing protocol for ad hoc networks with group motion. <i>Wireless Communications and Mobile Computing</i> , <b>2006</b> , 6, 989-1002	1.9	20
27	Code torrent <b>2006</b> ,		125
26	Communications via High Altitude Platforms: Technologies and Trials. <i>International Journal of Wireless Information Networks</i> , <b>2006</b> , 13, 1-4	1.9	11
25	Aggregated Multicast [A Comparative Study. <i>Cluster Computing</i> , <b>2005</b> , 8, 15-26	2.1	16
24	CapProbe. <i>Computer Communication Review</i> , <b>2004</b> , 34, 67-78	1.4	36
23	Combining Source- and Localized Recovery to Achieve Reliable Multicast in Multi-hop Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 112-124	0.9	12
22	Effectiveness of RTS/CTS handshake in IEEE 802.11 based ad hoc networks. <i>Ad Hoc Networks</i> , <b>2003</b> , 1, 107-123	4.8	280

21	TCP Westwood: End-to-End Congestion Control for Wired/Wireless Networks. <i>Wireless Networks</i> , <b>2002</b> , 8, 467-479	2.5	209
20	On-Demand Multicast Routing Protocol in Multihop Wireless Mobile Networks. <i>Mobile Networks and Applications</i> , <b>2002</b> , 7, 441-453	2.9	250
19	Efficient flooding with Passive Clustering (PC) in ad hoc networks. <i>Computer Communication Review</i> , <b>2002</b> , 32, 44-56	1.4	61
18	Mobility prediction and routing in ad hoc wireless networks. <i>International Journal of Network Management</i> , <b>2001</b> , 11, 3-30	1.8	336
17	Efficient Wireless Network Simulations with Detailed Propagation Models. <i>Wireless Networks</i> , <b>2001</b> , 7, 297-305	2.5	19
16	Contradictory relationship between Hurst parameter and queueing performance (extended version). <i>Telecommunication Systems</i> , <b>2001</b> , 16, 159-175	2.3	10
15	Mobility Management for Hierarchical Wireless Networks. <i>Mobile Networks and Applications</i> , <b>2001</b> , 6, 331-337	2.9	17
14	Wireless Ad Hoc Multicast Routing with Mobility Prediction. <i>Mobile Networks and Applications</i> , <b>2001</b> , 6, 351-360	2.9	49
13	The significance of finite buffer edge effects in histogram measurements of queues. <i>Telecommunication Systems</i> , <b>2001</b> , 16, 177-193	2.3	1
12	Tree multicast strategies in mobile, multihop wireless networks. <i>Mobile Networks and Applications</i> , <b>1999</b> , 4, 193-207	2.9	34
11	Flow control and bandwidth management in next generation Internets. <i>Telecommunication Systems</i> , <b>1999</b> , 11, 395-412	2.3	1
10	Real-time support in multihop wireless networks. <i>Wireless Networks</i> , <b>1999</b> , 5, 125-135	2.5	39
9	Forwarding Group Multicast Protocol (FGMP) for multihop, mobile wireless networks. <i>Cluster Computing</i> , <b>1998</b> , 1, 187-196	2.1	113
8	GloMoSim. <i>ACM SIGSIM Simulation Digest</i> , <b>1998</b> , 28, 154-161		391
7	Multicasting protocols for high-speed, wormhole-routing local area networks. <i>Computer Communication Review</i> , <b>1996</b> , 26, 184-193	1.4	6
6	Parallel simulation of a high-speed wormhole routing network. <i>ACM SIGSIM Simulation Digest</i> , <b>1996</b> , 26, 47-56		0
5	Multicluster, mobile, multimedia radio network. <i>Wireless Networks</i> , <b>1995</b> , 1, 255-265	2.5	868
4	ATM virtual private networks. <i>Communications of the ACM</i> , <b>1995</b> , 38, 101-109	2.5	23

3	Time and wavelength division multiaccess with acoustooptic tunable filters. <i>Fiber and Integrated Optics</i> , <b>1993</b> , 12, 113-132	0.8	8
2	HAP: A New Model for Packet Arrivals. <i>Journal of High Speed Networks</i> , <b>1993</b> , 2, 327-354	0.4	0
1	Optimal routing in closed queuing networks. <i>ACM Transactions on Computer Systems</i> , <b>1983</b> , 1, 294-310	1.1	34