

List of Publications by Citations

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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.

83 papers	1,155 citations	18 h-index	31 g-index
127 ext. papers	1,448 ext. citations	3.3 avg, IF	3.81 L-index

#	Paper	IF	Citations
83	WAVE: Popularity-based and collaborative in-network caching for content-oriented networks 2012 ,		159
82	FSA-based link assignment and routing in low-earth orbit satellite networks. <i>IEEE Transactions on Vehicular Technology</i> , 1998 , 47, 1037-1048	6.8	120
81	Internet traffic classification demystified 2010 ,		69
80	FAST INTER-AP HANDOFF USING PREDICTIVE AUTHENTICATION SCHEME IN A PUBLIC WIRELESS LAN 2002 ,		53
79	Distributed and energy-efficient target localization and tracking in wireless sensor networks. <i>Computer Communications</i> , 2006 , 29, 2494-2505	5.1	44
78	TCP-BuS: Improving TCP performance in wireless Ad Hoc networks. <i>Journal of Communications and Networks</i> , 2001 , 3, 1-12	4.1	44
77	AMVS-NDN: Adaptive mobile video streaming and sharing in wireless named data networking 2013 ,		40
76	Traffic characteristics of a massively multi-player online role playing game 2005 ,		39
75	Improving TCP performance in multipath packet forwarding networks. <i>Journal of Communications and Networks</i> , 2002 , 4, 148-157	4.1	34
74	A performance comparison of mobility anchor point selection schemes in Hierarchical Mobile IPv6 networks. <i>Computer Networks</i> , 2007 , 51, 1630-1642	5.4	32
73	An Adaptive Network Mobility Support Protocol in Hierarchical Mobile IPv6 Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 3627-3639	6.8	31
72	An adaptive mobility anchor point selection scheme in Hierarchical Mobile IPv6 networks. <i>Computer Communications</i> , 2006 , 29, 3066-3078	5.1	31
71	NeTraMark. <i>Computer Communication Review</i> , 2011 , 41, 22-30	1.4	28
70	SCAN: Scalable Content Routing for Content-Aware Networking 2011 ,		27
69	Content dissemination by pushing and sharing in mobile cellular networks: An analytical study 2012 ,		26
68	A solicitation-based IEEE 802.11p MAC protocol for roadside to vehicular networks 2007 ,		26
67	Leader-Based Rate Adaptive Multicasting for Wireless LANs 2007 ,		22

66	Topological design and routing for low-Earth orbit satellite networks		20
65	An extensible and ubiquitous RFID management framework over next-generation network. <i>International Journal of Communication Systems</i> , 2010 , 23, 1093-1110	1.7	18
64	AS-level topology collection through looking glass servers 2013 ,		14
63	Multicasting multimedia streams in IEEE 802.11 networks: a focus on reliability and rate adaptation. <i>Wireless Networks</i> , 2011 , 17, 119-131	2.5	14
62	Data dissemination over wireless sensor networks. <i>IEEE Communications Letters</i> , 2004 , 8, 561-563	3.8	13
61	Reducing Handover Delay by Location Management in Mobile WiMAX Multicast and Broadcast Services. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 605-617	6.8	12
60	Virtual Vertex Routing (VVR) for Course-Based Vehicular Ad Hoc Networks 2007 ,		11
59	Design and Analysis of Optimal Multi-Level Hierarchical Mobile IPv6 Networks. <i>Wireless Personal Communications</i> , 2006 , 36, 95-112	1.9	11
58	Disk placement for arbitrary-rate playback in an interactive video server. <i>Multimedia Systems</i> , 1997 , 5, 271-281	2.2	10
57	A selective neighbor caching scheme for fast handoff in IEEE 802.11 wireless networks		10
56	A comparative study of mobility anchor point selection schemes in hierarchical mobile IPv6 networks 2004 ,		10
55	DSS: Distributed SINR-Based Scheduling Algorithm for Multihop Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , 2013 , 12, 1120-1132	4.6	9
54	A comparative study on IP prefixes and their origin as in BGP and the IRR. <i>Computer Communication Review</i> , 2013 , 43, 16-24	1.4	9
53	Bundling practice in BitTorrent 2012 ,		9
52	RARA: Rate Adaptation Using Rate-Adaptive Acknowledgment for IEEE 802.11 WLANs 2008 ,		8
51	Temporal fairness guarantee in multi-rate wireless LANs for per-flow protection. <i>Wireless Networks</i> , 2007 , 13, 237-258	2.5	7
50	A pointer forwarding scheme with mobility-aware binding update in Mobile IPv6 networks. <i>Computer Communications</i> , 2008 , 31, 873-884	5.1	7
49	A constrained multipath traffic engineering scheme for MPLS networks		7

48	TCP-BuS: improving TCP performance in wireless ad hoc networks		7
47	How to Mitigate Signal Dragging during Wardriving. <i>IEEE Pervasive Computing</i> , 2010 , 9, 20-27	1.3	6
46	An adaptive power saving mechanism in IEEE 802.11 wireless IP networks. <i>Journal of Communications and Networks</i> , 2005 , 7, 126-134	4.1	6
45	WISE: energy-efficient interface selection on vertical handoff between 3G networks and WLANs		5
44	Optimization of AP placement and channel assignment in wireless LANs		5
43	Unveiling the BitTorrent Performance in Mobile WiMAX Networks. <i>Lecture Notes in Computer Science</i> , 2011 , 184-193	0.9	5
42	Performance impact of large file transfer on web proxy caching: A case study in a high bandwidth campus network environment. <i>Journal of Communications and Networks</i> , 2010 , 12, 52-66	4.1	4
41	Macro-Level and Micro-Level Routing (MMR) for Urban Vehicular Ad Hoc Networks 2007 ,		4
40	Prediction-based fast handoff for mobile WLANs		4
39	A study on optimal hierarchy in multi-level hierarchical mobile IPv6 networks		4
38	Publisher mobility support in content centric networks 2014 ,		3
37	Performance comparison of content-oriented networking alternatives: A tree versus a distributed hash table 2009 ,		3
36	A mobility-based load control scheme in Hierarchical Mobile IPv6 networks. <i>Wireless Networks</i> , 2010 , 16, 545-558	2.5	3
35	Multiple Interface/Prefix Selection for Virtual Mobile Networks. <i>International Conference on Advanced Communication Technology</i> , 2008 ,		3
34	A Transparent Failover Mechanism for a Mobile Network with Multiple Mobile Routers. <i>IEEE Communications Letters</i> , 2007 , 11, 604-606	3.8	3
33	Signal Dragging: Effects of Terminal Movement on War-Driving in CDMA/WCDMA Networks 2007 , 211-227		3
32	Mobility-Aware Mobile Router Selection and Address Management for IPv6 Network Mobility. <i>Journal of Network and Systems Management</i> , 2004 , 12, 485-505	2.1	3
31	K-hop cluster-based dynamic source routing in wireless ad-hoc packet radio network		3

30	Performance comparison of static routing and dynamic routing in low-Earth orbit satellite networks		3
29	Waterfall: Video Distribution by Cascading Multiple Swarms. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 165-174	14.2	2
28	A distributed multicast routing algorithm for delay-sensitive applications		2
27	Robust Header Compression Over Long Delay Links. <i>IEEE Vehicular Technology Conference</i> , 2008 ,	0.1	2
26	A Distributed Node Scheduling Protocol Considering Sensing Coverage in Wireless Sensor Networks. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE</i> , 2007 ,		2
25	Downlink node cooperation with node selection diversity		2
24	Unicast-friendly multicast in IEEE 802.11 wireless LANs		2
23	Multi-channel MAC protocol for mobile ad hoc networks 2003 ,		2
22	Performance analysis of hierarchical mobile IPv6 in IP-based cellular networks		2
21	P-DCF: enhanced backoff scheme for the IEEE 802.11 DCF		2
20	Modelling of wireless TCP for short-lived flows. <i>International Journal of Communication Systems</i> , 2005 , 18, 961-973	1.7	2
19	Call admission control for prioritized adaptive multimedia services in wireless/mobile networks		2
18	Near optimal bandwidth adaptation algorithm for adaptive multimedia services in wireless/mobile networks		2
17	A multicast-based handoff for seamless connection in picocellular networks		2
16	Measurement and analysis of online gaming services on mobile WiMAX networks. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 1198-1211	1.9	1
15	A target-centric surveillance system based on localization and social networking. <i>Multimedia Tools and Applications</i> , 2014 , 73, 241-265	2.5	1
14	Strategic bundling for content availability and fast distribution in BitTorrent. <i>Computer Communications</i> , 2014 , 43, 64-73	5.1	1
13	Systematic Support for Content Bundling in BitTorrent Swarming 2010 ,		1

12	Service Differentiation Using Mobile Femtocell Virtualization 2010 ,		1
11	Call admission control in mobile cellular network based on macroscopic modeling of vehicular traffic		1
10	An Efficient Multicasting Architecture for Context-Aware Messaging Services in the Future Internet. <i>International Conference on Advanced Communication Technology</i> , 2008 ,		1
9	IIPP: integrated IP paging protocol with a power save mechanism. <i>Wireless Communications and Mobile Computing</i> , 2007 , 7, 553-568	1.9	1
8	Wireless Data Access in Mobile Hotspots: A Simulation Study 2006 ,		1
7	WLC29-4: Two-phase Collision Avoidance to Improve Scalability in Wireless LANs. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		1
6	SRMS: SIP-based RFID Management System 2007 ,		1
5	Adaptive local route optimization in hierarchical mobile IPv6 networks		1
4	R-BU: recursive binding update for route optimization in nested mobile networks 2003 ,		1
3	Secure multimedia transmission in IPv6 wireless networks		1
2	Backup path sharing for survivable ATM networks		1
1	Performance analysis of rate control scheme considering queue dynamics. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 1997 , 52, 465-475	2	