

Lazaros Merakos

List of Publications by Year in descending order

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46
papers

746
citations

933447

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24
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46
all docs

46
docs citations

46
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobility Management for Femtocells in LTE-Advanced: Key Aspects and Survey of Handover Decision Algorithms. IEEE Communications Surveys and Tutorials, 2014, 16, 64-91.	39.4	170
2	Quality of experience management in mobile cellular networks: key issues and design challenges. , 2015, 53, 145-153.		82
3	A survey on parametric QoE estimation for popular services. Journal of Network and Computer Applications, 2017, 77, 1-17.	9.1	75
4	Charging, accounting and billing management schemes in mobile telecommunication networks and the internet. IEEE Communications Surveys and Tutorials, 2004, 6, 50-58.	39.4	41
5	QoE-SDN APP: A Rate-guided QoE-aware SDN-APP for HTTP Adaptive Video Streaming. IEEE Journal on Selected Areas in Communications, 2018, 36, 598-615.	14.0	41
6	Security in third Generation Mobile Networks. Computer Communications, 2004, 27, 638-650.	5.1	39
7	Performance Analysis of Network-Assisted D2D Discovery in Random Spatial Networks. IEEE Transactions on Wireless Communications, 2016, 15, 5695-5707.	9.2	32
8	A platform for charging, billing, and accounting in future mobile networks. Computer Communications, 2007, 30, 516-526.	5.1	25
9	On Jamming and Black Hole Attacks in Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 10761-10774.	6.3	23
10	NB-IoT: A Candidate Technology for Massive IoT in the 5G Era. , 2018, , .		22
11	A Power Consumption Analysis of Tight-Coupled WLAN/UMTS Networks. , 2007, , .		15
12	OpenNB: A framework for virtualizing base stations in LTE networks. , 2014, , .		15
13	Proxies + Path Prediction: Improving Web Service Provision in Wireless Mobile Communications. Mobile Networks and Applications, 2003, 8, 389-399.	3.3	12
14	Distance Distributions and Proximity Estimation Given Knowledge of the Heterogeneous Network Layout. IEEE Transactions on Wireless Communications, 2015, 14, 5498-5512.	9.2	12
15	An integrated charging, accounting and billing management platform for the support of innovative business models in mobile networks. International Journal of Mobile Communications, 2004, 2, 418.	0.3	11
16	Semantic Web Services and Mobile Agents Integration for Efficient Mobile Services. International Journal on Semantic Web and Information Systems, 2008, 4, 1-19.	5.1	10
17	A Dynamic Subchannel Allocation algorithm for IEEE 802.16e networks. , 2008, , .		9
18	Coordinated Handover Initiation and Cross-Layer Adaptation for Mobile Multimedia Systems. IEEE Transactions on Multimedia, 2009, 11, 1131-1139.	7.2	8

#	ARTICLE	IF	CITATIONS
19	The Need for QoE-driven Interference Management in Femtocell-Overlaid Cellular Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 588-601.	0.3	8
20	Dynamic resource allocation in adaptive wireless OFDMA systems. Wireless Communications and Mobile Computing, 2012, 12, 985-998.	1.2	7
21	An Overlay Smart Spaces System for Load Balancing in Wireless LANs. Mobile Networks and Applications, 2006, 11, 241-251.	3.3	6
22	A prediction-based scheduling mechanism for interconnection between WiMax and satellite networks. International Journal of Autonomous and Adaptive Communications Systems, 2009, 2, 107.	0.3	6
23	Increasing spectrum utilization in wireless infrastructure-based systems. , 2011, , .		6
24	Enabling D2D communications in LTE networks. , 2013, , .		6
25	IPsec-based end-to-end VPN deployment over UMTS. Computer Communications, 2004, 27, 1693-1708.	5.1	5
26	Metadata Design for Reconfigurable Protocol Stacks in Systems Beyond 3G. Wireless Personal Communications, 2006, 36, 1-28.	2.7	5
27	Dynamic Programming Based Content Placement Strategy for 5G and Beyond Cellular Networks. , 2018, , .		5
28	ADAM: An Adaptive Access Mechanism for NB-IoT Systems in the 5G Era. IEEE Access, 2021, 9, 109915-109931.	4.2	5
29	An adaptive and distributed network selection mechanism for 5G networks. Computer Networks, 2021, 189, 107943.	5.1	5
30	Mobility management and control in intelligent wireless ATM networks. Computer Communications, 2001, 24, 1780-1807.	5.1	4
31	RSS: The Reconfiguration Support Subsystem for Next-Generation Mobile Networks. , 2006, , .		4
32	Vulnerabilities and Possible Attacks Against the GPRS Backbone Network. Lecture Notes in Computer Science, 2006, , 262-272.	1.3	4
33	Alternative Schemes for Dynamic Secure VPN Deployment in UMTS. Wireless Personal Communications, 2006, 36, 163-194.	2.7	3
34	Exploiting user location for load balancing WLANs and improving wireless QoS. ACM Transactions on Autonomous and Adaptive Systems, 2009, 4, 1-31.	0.8	3
35	Autonomous mobile agent routing for efficient server resource allocation. Journal of Systems and Software, 2009, 82, 891-906.	4.5	3
36	Spatial Spectrum Reuse for Opportunistic Spectrum Access in Infrastructure-Based Systems. Wireless Personal Communications, 2013, 69, 1749-1772.	2.7	3

#	ARTICLE	IF	CITATIONS
37	Increasing Spatial Spectrum Utilization Through Opportunistic User-to-User Communications. International Journal of Wireless Information Networks, 2013, 20, 1-12.	2.7	3
38	UDS: A Distributed RAT Selection Mechanism for Heterogeneous Wireless Networks. Wireless Personal Communications, 2014, 74, 101-132.	2.7	3
39	E�CLEMA: A cross-layer design for improved quality of service in mobile WiMAX networks. Wireless Communications and Mobile Computing, 2009, 9, 1274-1286.	1.2	2
40	Towards the Functional Enhancement of 3GPP Networks with Reconfiguration Capacities. Wireless Personal Communications, 2011, 58, 713-739.	2.7	2
41	Multi-Tier and Multi-Band Heterogeneous Wireless Networks with Black Hole Attacks. , 2019, , .		2
42	Mobility management for large private wireless ATM installations. Mobile Computing and Communications Review, 1999, 3, 47-55.	1.7	2
43	SERVICE PROVISION AND RECONFIGURATION MANAGEMENT IN 4G MOBILE NETWORKS. , 2003, , .		1
44	Effective Prediction for Video Traffic in Joint WiMAX/Satellite Networks. Wireless Personal Communications, 2014, 74, 1-21.	2.7	1
45	On the Performance of Network-Assisted Device-to-Device Discovery. , 2014, , .		0
46	Augmented RAN with SDN Orchestration of Multi-tenant Base Stations. Wireless Personal Communications, 2017, 96, 2009-2037.	2.7	0