

Lazaros Merakos

List of Publications by Year in descending order

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46
papers

746
citations

933447

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610901

24
g-index

46
all docs

46
docs citations

46
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	ADAM: An Adaptive Access Mechanism for NB-IoT Systems in the 5G Era. IEEE Access, 2021, 9, 109915-109931.	4.2	5
2	An adaptive and distributed network selection mechanism for 5G networks. Computer Networks, 2021, 189, 107943.	5.1	5
3	On Jamming and Black Hole Attacks in Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 10761-10774.	6.3	23
4	Multi-Tier and Multi-Band Heterogeneous Wireless Networks with Black Hole Attacks. , 2019, , .		2
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	Dynamic Programming Based Content Placement Strategy for 5G and Beyond Cellular Networks. , 2018, , .		5
7	NB-IoT: A Candidate Technology for Massive IoT in the 5G Era. , 2018, , .		22
8	Augmented RAN with SDN Orchestration of Multi-tenant Base Stations. Wireless Personal Communications, 2017, 96, 2009-2037.	2.7	0
9	A survey on parametric QoE estimation for popular services. Journal of Network and Computer Applications, 2017, 77, 1-17.	9.1	75
10	Performance Analysis of Network-Assisted D2D Discovery in Random Spatial Networks. IEEE Transactions on Wireless Communications, 2016, 15, 5695-5707.	9.2	32
11	Distance Distributions and Proximity Estimation Given Knowledge of the Heterogeneous Network Layout. IEEE Transactions on Wireless Communications, 2015, 14, 5498-5512.	9.2	12
12	Quality of experience management in mobile cellular networks: key issues and design challenges. , 2015, 53, 145-153.		82
13	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
14	OpenNB: A framework for virtualizing base stations in LTE networks. , 2014, , .		15
15	UDS: A Distributed RAT Selection Mechanism for Heterogeneous Wireless Networks. Wireless Personal Communications, 2014, 74, 101-132.	2.7	3
16	Effective Prediction for Video Traffic in Joint WiMAX/Satellite Networks. Wireless Personal Communications, 2014, 74, 1-21.	2.7	1
17	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
18	On the Performance of Network-Assisted Device-to-Device Discovery. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Spatial Spectrum Reuse for Opportunistic Spectrum Access in Infrastructure-Based Systems. <i>Wireless Personal Communications</i> , 2013, 69, 1749-1772.	2.7	3
20	Increasing Spatial Spectrum Utilization Through Opportunistic User-to-User Communications. <i>International Journal of Wireless Information Networks</i> , 2013, 20, 1-12.	2.7	3
21	Enabling D2D communications in LTE networks. , 2013, , .		6
22	Dynamic resource allocation in adaptive wireless OFDMA systems. <i>Wireless Communications and Mobile Computing</i> , 2012, 12, 985-998.	1.2	7
23	Increasing spectrum utilization in wireless infrastructure-based systems. , 2011, , .		6
24	Towards the Functional Enhancement of 3GPP Networks with Reconfiguration Capacities. <i>Wireless Personal Communications</i> , 2011, 58, 713-739.	2.7	2
25	Exploiting user location for load balancing WLANs and improving wireless QoS. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2009, 4, 1-31.	0.8	3
26	Autonomous mobile agent routing for efficient server resource allocation. <i>Journal of Systems and Software</i> , 2009, 82, 891-906.	4.5	3
27	E�CLEMA: A cross-layer design for improved quality of service in mobile WiMAX networks. <i>Wireless Communications and Mobile Computing</i> , 2009, 9, 1274-1286.	1.2	2
28	Coordinated Handover Initiation and Cross-Layer Adaptation for Mobile Multimedia Systems. <i>IEEE Transactions on Multimedia</i> , 2009, 11, 1131-1139.	7.2	8
29	A prediction-based scheduling mechanism for interconnection between WiMax and satellite networks. <i>International Journal of Autonomous and Adaptive Communications Systems</i> , 2009, 2, 107.	0.3	6
30	A Dynamic Subchannel Allocation algorithm for IEEE 802.16e networks. , 2008, , .		9
31	Semantic Web Services and Mobile Agents Integration for Efficient Mobile Services. <i>International Journal on Semantic Web and Information Systems</i> , 2008, 4, 1-19.	5.1	10
32	A Power Consumption Analysis of Tight-Coupled WLAN/UMTS Networks. , 2007, , .		15
33	A platform for charging, billing, and accounting in future mobile networks. <i>Computer Communications</i> , 2007, 30, 516-526.	5.1	25
34	RSS: The Reconfiguration Support Subsystem for Next-Generation Mobile Networks. , 2006, , .		4
35	Metadata Design for Reconfigurable Protocol Stacks in Systems Beyond 3G. <i>Wireless Personal Communications</i> , 2006, 36, 1-28.	2.7	5
36	Alternative Schemes for Dynamic Secure VPN Deployment in UMTS. <i>Wireless Personal Communications</i> , 2006, 36, 163-194.	2.7	3

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37	An Overlay Smart Spaces System for Load Balancing in Wireless LANs. Mobile Networks and Applications, 2006, 11, 241-251.	3.3	6
38	Vulnerabilities and Possible Attacks Against the GPRS Backbone Network. Lecture Notes in Computer Science, 2006, , 262-272.	1.3	4
39	Security in third Generation Mobile Networks. Computer Communications, 2004, 27, 638-650.	5.1	39
40	IPsec-based end-to-end VPN deployment over UMTS. Computer Communications, 2004, 27, 1693-1708.	5.1	5
41	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
42	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
43	Proxies + Path Prediction: Improving Web Service Provision in Wireless Mobile Communications. Mobile Networks and Applications, 2003, 8, 389-399.	3.3	12
44	SERVICE PROVISION AND RECONFIGURATION MANAGEMENT IN 4G MOBILE NETWORKS. , 2003, , .		1
45	Mobility management and control in intelligent wireless ATM networks. Computer Communications, 2001, 24, 1780-1807.	5.1	4
46	Mobility management for large private wireless ATM installations. Mobile Computing and Communications Review, 1999, 3, 47-55.	1.7	2