Ilias Politis

List of Publications by Year
in descending order

75 papers	671 citations	759233 12 h-index	752698 20 g-index
78 all docs	78 docs citations	78 times ranked	680 citing authors

#	Article	IF	Citations
1	Security for UDNs: A Step Toward 6G. , 2022, , 167-201.		0
2	An integrated approach for energy efficient handover and key distribution protocol for secure NC-enabled small cells. Computer Networks, 2022, 206, 108806.	5.1	2
3	Melding Fog Computing and IoT for Deploying Secure, Response-Capable Healthcare Services in 5G and Beyond. Sensors, 2022, 22, 3375.	3.8	4
4	Radio resource management: approaches and implementations from 4G to 5G and beyond. Wireless Networks, 2021, 27, 693-734.	3.0	28
5	Coalition Formation Games for Improved Cell-Edge User Service in Downlink NOMA and MU-MIMO Small Cell Systems. IEEE Access, 2021, 9, 118484-118501.	4.2	2
6	Study of Secure Network Coding Enabled Mobile Small Cells. , 2021, , .		3
7	A web tool for analyzing FIDO2/WebAuthn Requests and Responses. , 2021, , .		4
8	IDLP Mechanism for NC-enabled Mobile Small Cells based on Broadcast Nature of Wireless Communication. , 2021, , .		0
9	Unveiling the user requirements of a cyber range for 5G security testing and training. , 2021, , .		0
10	A lightweight security framework for network coding enabled mobile small cells. , 2020, , .		0
11	Malicious user identification scheme for network coding enabled small cell environment. , 2020, , .		5
12	Efficient cooperative transmissions with dynamic clustering in realistically designed small cells. , 2020, , .		0
13	Coalition Formation Games for Coordinated Service in Realistic Small Cell Propagation Topologies. IEEE Access, 2020, 8, 186789-186804.	4.2	3
14	Power Minimizing BBU-RRH Group Based Mapping in C-RAN with Constrained Devices. , 2020, , .		8
15	On Security Against Pollution Attacks in Network Coding Enabled 5G Networks. IEEE Access, 2020, 8, 38416-38437.	4.2	14
16	On Identifying Threats and Quantifying Cybersecurity Risks of Mnos Deploying Heterogeneous Rats. IEEE Access, 2020, 8, 224677-224701.	4.2	7
17	3D Video Tools. Signals and Communication Technology, 2019, , 223-265.	0.5	0
18	Blockchain Enhanced SECRET Small Cells for the 5G Environment. , 2019, , .		10

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19	Coordination Multipoint Enabled Small Cells for Coalition-Game-Based Radio Resource Management. IEEE Network, 2019, 33, 63-69.	6.9	19
20	An embedded framework enabling access of elderly and disabled persons to IP-based emergency communications. Microprocessors and Microsystems, 2019, 68, 74-83.	2.8	8
21	Towards Secure Network Coding Enabled Mobile Small Cells. , 2019, , .		1
22	Cooperative Game Radio Resource Management Scheme for Small Cell Network. , 2019, , .		7
23	Efficient Radio Resource Management Scheme in Cooperative Network using Coalition Game. , 2019, , .		5
24	Exploiting IoT and Big-Data for Building Multiservice Capable Intelligent Transportation Systems. , 2019, , .		2
25	On blockchain based secure network coding for mobile small cells. , 2019, , .		1
26	Secure Network Coding for SDN-Based Mobile Small Cells. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 347-356.	0.3	12
27	Considering CoMP for efficient cooperation among heterogeneous small cells in 5G networks. , 2018, , .		5
28	On Blockchain Enhanced Secure Network Coding for 5G Deployments. , 2018, , .		26
29	On Measuring the Efficiency of Next Generation Emergency Communications: The EMYNOS Paradigm. , 2018, , .		6
30	On the performance of SIP-based next generation emergency services. , 2018, , .		0
31	Edge Caching Architecture for Media Delivery over P2P Networks. , 2018, , .		4
32	EMYNOS: Next Generation Emergency Communication. IEEE Communications Magazine, 2017, 55, 139-145.	6.1	26
33	Efficient Next Generation Emergency Communications over Multi-Access Edge Computing. IEEE Communications Magazine, 2017, 55, 92-97.	6.1	50
34	SECRET â€" Secure network coding for reduced energy next generation mobile small cells: A European Training Network in wireless communications and networking for 5G. , 2017, , .		57
35	Hybrid Broadcast Broadband for the Delivery of 3D Video. , 2017, , 167-190.		0
36	A Framework for QoE-Aware 3D Video Streaming Optimisation over Wireless Networks. Mobile Information Systems, 2016, 2016, 1-18.	0.6	5

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37	End-to-end quality aware optimization for multimedia clouds. , 2016, , .		6
38	Secure and interoperable communication infrastructures for PPDR organisations. , 2016, , .		2
39	Transport analysis and quality evaluation of MVC video streaming. Multimedia Tools and Applications, 2016, 75, 5619-5644.	3.9	4
40	EMYNOS: A next generation emergency communication platform for people with disabilities. , 2015, , .		0
41	Media-aware proxy: Application layer filtering and L3 mobility for media streaming optimization. , 2015, , .		2
42	On the perceived quality evaluation of opportunistic Mobile P2P Scalable Video streaming. , 2015, , .		5
43	Modeling 3D video user experience forwireless networks. , 2015, , .		0
44	QoE model of scalable MDC stereoscopic video over IP networks. , 2014, , .		1
45	Transport Protocols for 3D Video. , 2014, , 87-103.		0
46	A stereo client using open SVC decoder extensions: QoE performance evaluation. , 2014, , .		3
47	Quality evaluation of 3D video using colour-plus-depth & MDC over IP networks. , 2014, , .		1
48	Stereo video quality evaluation in heterogeneous networking conditions. , 2014, , .		1
49	Hybrid broadcast and broadband networks convergence for immersive TV applications. IEEE Wireless Communications, 2014, 21, 62-69.	9.0	16
50	An media aware platform for real-time stereoscopic video streaming adaptation. , 2013, , .		5
51	A performance study of LT based unequal error protection for 3D video streaming. , 2013, , .		5
52	Perceptual quality assessment of HTTP adaptive video streaming. , 2013, , .		4
53	A model of network related QoE for 3D video. , 2012, , .		14
54	Performance Evaluation of 3D Stereo Video Streaming over IP Networks. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
55	H.264/SVC vs. H.264/AVC video quality comparison under QoE-driven seamless handoff. Signal Processing: Image Communication, 2012, 27, 814-826.	3.2	13
56	Towards 3D video delivery over heterogeneous networks: The ROMEO approach. , 2012, , .		6
57	On Measuring the Perceptual Quality of Video Streams over Lossy Wireless Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 46-54.	0.3	1
58	On the Impact of MIH Triggering Techniques on the Performance of Video Streaming across Heterogeneous RATs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 166-177.	0.3	0
59	Service continuity over intertechnology RATs. , 2011, , .		2
60	Valuing quality of experience: A brave new era of user satisfaction and revenue possibilities. , 2011, , .		3
61	Energy efficient and perceived QoS aware video routing over Wireless Multimedia Sensor Networks. Ad Hoc Networks, 2011, 9, 591-607.	5.5	102
62	On the Comparison of Real-Time Rate Control Schemes for H.264/AVC Video Streams over IP-Based Networks Using Network Feedbacks. , 2011, , .		3
63	An Experimental MIH Platform for Testing Video Streaming Services across Heterogeneous Radio Access Technology Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 555-566.	0.3	0
64	A hybrid scheme for video transmission over wireless multimedia sensor networks. , 2009, , .		10
65	Video over MANETs: The Impact of Obstacles, Node Mobility Speed and Background Traffic on the Perceived Video Quality. , 2009, , .		2
66	A middleware architecture supporting seamless and secure multimedia services across an intertechnology radio access network. IEEE Wireless Communications, 2009, 16, 24-31.	9.0	22
67	Enhanced vertical handover based on 802.21 framework for real-time video streaming. , 2009, , .		5
68	Power Efficient Video Multipath Transmission over Wireless Multimedia Sensor Networks. Mobile Networks and Applications, 2008, 13, 274.	3.3	49
69	Optimizing Video Transmission over Wireless Multimedia Sensor Networks. , 2008, , .		15
70	IMS Evolution and IMS Test-Bed Service Platforms. , 2007, , .		3
71	Distortion optimized scheduling and QoS driven prioritization of video streams over WLAN. , 2007, , .		3
72	Distortion Optimized Packet Scheduling and Prioritization of Multiple Video Streams over 802.11e Networks. Advances in Multimedia, 2007, 2007, 1-11.	0.4	13

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73	Intelligence Packet Scheduling for optimized video transmission over wireless networks. , 2007, , .		7
74	Study of the QoS of video traffic over integrated 3G-WLAN systems. , 2006, , .		6
75	A Quality of Service Negotiation-Based Admission Control Scheme for WCDMA Mobile Wireless Multiclass Services. IEEE Transactions on Vehicular Technology, 2005, 54, 1875-1886.	6.3	6