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	Energy efficient and perceived QoS aware video routing over Wireless Multimedia Sensor Networks. Ad Hoc Networks, 2011, 9, 591-607.	5.5	102
2	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
3	Efficient Next Generation Emergency Communications over Multi-Access Edge Computing. IEEE Communications Magazine, 2017, 55, 92-97.	6.1	50
4	Power Efficient Video Multipath Transmission over Wireless Multimedia Sensor Networks. Mobile Networks and Applications, 2008, 13, 274.	3.3	49
5	Radio resource management: approaches and implementations from 4G to 5G and beyond. Wireless Networks, 2021, 27, 693-734.	3.0	28
6	EMYNOS: Next Generation Emergency Communication. IEEE Communications Magazine, 2017, 55, 139-145.	6.1	26
7	On Blockchain Enhanced Secure Network Coding for 5G Deployments. , 2018, , .		26
8	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
9	Coordination Multipoint Enabled Small Cells for Coalition-Game-Based Radio Resource Management. IEEE Network, 2019, 33, 63-69.	6.9	19
10	Hybrid broadcast and broadband networks convergence for immersive TV applications. IEEE Wireless Communications, 2014, 21, 62-69.	9.0	16
11	Optimizing Video Transmission over Wireless Multimedia Sensor Networks. , 2008, , .		15
12	A model of network related QoE for 3D video. , 2012, , .		14
13	On Security Against Pollution Attacks in Network Coding Enabled 5G Networks. IEEE Access, 2020, 8, 38416-38437.	4.2	14
14	Distortion Optimized Packet Scheduling and Prioritization of Multiple Video Streams over 802.11e Networks. Advances in Multimedia, 2007, 2007, 1-11.	0.4	13
15	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
16	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
17	A hybrid scheme for video transmission over wireless multimedia sensor networks. , 2009, , .		10
18	Blockchain Enhanced SECRET Small Cells for the 5G Environment. , 2019, , .		10

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19	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
20	Power Minimizing BBU-RRH Group Based Mapping in C-RAN with Constrained Devices. , 2020, , .		8
21	Cooperative Game Radio Resource Management Scheme for Small Cell Network. , 2019, , .		7
22	On Identifying Threats and Quantifying Cybersecurity Risks of Mnos Deploying Heterogeneous Rats. IEEE Access, 2020, 8, 224677-224701.	4.2	7
23	Intelligence Packet Scheduling for optimized video transmission over wireless networks. , 2007, , .		7
24	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
25	Study of the QoS of video traffic over integrated 3G-WLAN systems. , 2006, , .		6
26	Towards 3D video delivery over heterogeneous networks: The ROMEO approach. , 2012, , .		6
27	End-to-end quality aware optimization for multimedia clouds. , 2016, , .		6
28	On Measuring the Efficiency of Next Generation Emergency Communications: The EMYNOS Paradigm. , 2018, , .		6
29	An media aware platform for real-time stereoscopic video streaming adaptation. , 2013, , .		5
30	A performance study of LT based unequal error protection for 3D video streaming. , 2013, , .		5
31	On the perceived quality evaluation of opportunistic Mobile P2P Scalable Video streaming. , 2015, , .		5
32	A Framework for QoE-Aware 3D Video Streaming Optimisation over Wireless Networks. Mobile Information Systems, 2016, 2016, 1-18.	0.6	5
33	Considering CoMP for efficient cooperation among heterogeneous small cells in 5G networks. , 2018, , .		5
34	Efficient Radio Resource Management Scheme in Cooperative Network using Coalition Game. , 2019, , .		5
35	Malicious user identification scheme for network coding enabled small cell environment. , 2020, , .		5
36	Enhanced vertical handover based on 802.21 framework for real-time video streaming. , 2009, , .		5

#	Article	IF	Citations
37	Perceptual quality assessment of HTTP adaptive video streaming. , 2013, , .		4
38	Transport analysis and quality evaluation of MVC video streaming. Multimedia Tools and Applications, 2016, 75, 5619-5644.	3.9	4
39	Edge Caching Architecture for Media Delivery over P2P Networks. , 2018, , .		4
40	A web tool for analyzing FIDO2/WebAuthn Requests and Responses. , 2021, , .		4
41	Melding Fog Computing and IoT for Deploying Secure, Response-Capable Healthcare Services in 5G and Beyond. Sensors, 2022, 22, 3375.	3.8	4
42	IMS Evolution and IMS Test-Bed Service Platforms. , 2007, , .		3
43	Distortion optimized scheduling and QoS driven prioritization of video streams over WLAN. , 2007, , .		3
44	Valuing quality of experience: A brave new era of user satisfaction and revenue possibilities. , 2011, , .		3
45	On the Comparison of Real-Time Rate Control Schemes for H.264/AVC Video Streams over IP-Based Networks Using Network Feedbacks. , 2011, , .		3
46	A stereo client using open SVC decoder extensions: QoE performance evaluation. , 2014, , .		3
47	Coalition Formation Games for Coordinated Service in Realistic Small Cell Propagation Topologies. IEEE Access, 2020, 8, 186789-186804.	4.2	3
48	Study of Secure Network Coding Enabled Mobile Small Cells. , 2021, , .		3
49	Video over MANETs: The Impact of Obstacles, Node Mobility Speed and Background Traffic on the Perceived Video Quality. , 2009, , .		2
50	Service continuity over intertechnology RATs. , 2011, , .		2
51	Performance Evaluation of 3D Stereo Video Streaming over IP Networks. , 2012, , .		2
52	Media-aware proxy: Application layer filtering and L3 mobility for media streaming optimization. , 2015, , .		2
53	Secure and interoperable communication infrastructures for PPDR organisations. , 2016, , .		2
54	Exploiting IoT and Big-Data for Building Multiservice Capable Intelligent Transportation Systems. , 2019, , .		2

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55	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
56	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
57	QoE model of scalable MDC stereoscopic video over IP networks. , 2014, , .		1
58	Quality evaluation of 3D video using colour-plus-depth & MDC over IP networks. , 2014, , .		1
59	Stereo video quality evaluation in heterogeneous networking conditions. , 2014, , .		1
60	Towards Secure Network Coding Enabled Mobile Small Cells. , 2019, , .		1
61	On blockchain based secure network coding for mobile small cells. , 2019, , .		1
62	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
63	Transport Protocols for 3D Video. , 2014, , 87-103.		0
64	EMYNOS: A next generation emergency communication platform for people with disabilities. , 2015, , .		0
65	Modeling 3D video user experience forwireless networks. , 2015, , .		0
66	On the performance of SIP-based next generation emergency services. , 2018, , .		0
67	3D Video Tools. Signals and Communication Technology, 2019, , 223-265.	0.5	0
68	A lightweight security framework for network coding enabled mobile small cells. , 2020, , .		0
69	Efficient cooperative transmissions with dynamic clustering in realistically designed small cells. , 2020, , .		0
70	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
71	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
72	Hybrid Broadcast Broadband for the Delivery of 3D Video. , 2017, , 167-190.		0

#	ARTICLE	IF	CITATIONS
73	Security for UDNs: A Step Toward 6G. , 2022, , 167-201.		0
74	IDLP Mechanism for NC-enabled Mobile Small Cells based on Broadcast Nature of Wireless Communication. , 2021, , .		0
75	Unveiling the user requirements of a cyber range for 5G security testing and training. , 2021, , .		0