

Theodore Zahariadis

List of Publications by Year in descending order

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71
papers

1,113
citations

516710

16
h-index

501196

28
g-index

75
all docs

75
docs citations

75
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Tackling Faults in the Industry 4.0 Era—A Survey of Machine-Learning Solutions and Key Aspects. <i>Sensors</i> , 2020, 20, 109.	3.8	156
2	Trust management in wireless sensor networks. <i>European Transactions on Telecommunications</i> , 2010, 21, 386-395.	1.2	77
3	A Novel Trust-Aware Geographical Routing Scheme for Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2013, 69, 805-826.	2.7	75
4	Design of primary and composite routing metrics for RPL-compliant Wireless Sensor Networks. , 2012, , .		56
5	A Review of Tabular Data Synthesis Using GANs on an IDS Dataset. <i>Information (Switzerland)</i> , 2021, 12, 375.	2.9	50
6	A framework for service provisioning in virtual sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2012, 2012, .	2.4	46
7	Evaluating routing metric composition approaches for QoS differentiation in low power and lossy networks. <i>Wireless Networks</i> , 2013, 19, 1269-1284.	3.0	42
8	Comparison of Management and Orchestration Solutions for the 5G Era. <i>Journal of Sensor and Actuator Networks</i> , 2020, 9, 4.	3.9	39
9	Hybrid Clouds for Data-Intensive, 5G-Enabled IoT Applications: An Overview, Key Issues and Relevant Architecture. <i>Sensors</i> , 2019, 19, 3591.	3.8	36
10	Softwarization of Future Networks and Services -Programmable Enabled Networks as Next Generation Software Defined Networks. , 2013, , .		35
11	FIWARE Lab: Managing Resources and Services in a Cloud Federation Supporting Future Internet Applications. , 2014, , .		35
12	Smart Grid: a demanding use case for 5G technologies. , 2018, , .		35
13	Flex-NOMA: Exploiting Buffer-Aided Relay Selection for Massive Connectivity in the 5G Uplink. <i>IEEE Access</i> , 2019, 7, 88743-88755.	4.2	30
14	Design And Implementation Of a Trust-Aware Routing Protocol For Large WSNs. <i>International Journal of Network Security and Its Applications</i> , 2010, 2, 52-68.	0.5	27
15	Evolution of the Wireless PAN and LAN standards. <i>Computer Standards and Interfaces</i> , 2004, 26, 175-185.	5.4	26
16	Combining trust with location information for routing in wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2012, 12, 1091-1103.	1.2	26
17	A comparison of competing broadband in-home technologies. <i>Electronics and Communication Engineering Journal</i> , 2002, 14, 133-142.	0.5	25
18	A UAV-based moving 5G RAN for massive connectivity of mobile users and IoT devices. <i>Vehicular Communications</i> , 2020, 25, 100250.	4.0	24

#	ARTICLE	IF	CITATIONS
19	Network Traffic Anomaly Detection via Deep Learning. Information (Switzerland), 2021, 12, 215.	2.9	19
20	Towards a Future Internet Architecture. Lecture Notes in Computer Science, 2011, , 7-18.	1.3	17
21	Multimedia home networks: standards and interfaces. Computer Standards and Interfaces, 2002, 24, 425-435.	5.4	15
22	Evaluation of RPL with a transmission count-efficient and trust-aware routing metric. , 2014, , .		15
23	Preventive maintenance of critical infrastructures using 5G networks & drones. , 2017, , .		14
24	VITRO Architecture: Bringing Virtualization to WSN World. , 2011, , .		13
25	Secure Geographic Routing in Ad Hoc and Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	12
26	Design Principles for the Future Internet Architecture. Lecture Notes in Computer Science, 2012, , 55-67.	1.3	12
27	Efficient Detection of Routing Attacks in Wireless Sensor Networks. , 2009, , .		10
28	Implementing a Trust-Aware Routing Protocol in Wireless Sensor Nodes. , 2010, , .		10
29	Novel Simulation Approaches for Smart Grids. Journal of Sensor and Actuator Networks, 2016, 5, 11.	3.9	10
30	Proactive Critical Energy Infrastructure Protection via Deep Feature Learning. Energies, 2020, 13, 2622.	3.1	10
31	New Trends in Distance Learning Utilising Next Generation Multimedia Networks. Education and Information Technologies, 2003, 8, 67-81.	5.7	7
32	Scalable content delivery over P2P convergent networks. , 2008, , .		7
33	Incidents Information Sharing Platform for Distributed Attack Detection. IEEE Open Journal of the Communications Society, 2020, , 1-1.	6.9	7
34	Software Enabled Future Internet “ Challenges in Orchestrating the Future Internet. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 228-244.	0.3	7
35	Digital Gateways for Multimedia Home Networks. Telecommunication Systems, 2003, 23, 335-349.	2.5	6
36	Sensor networks security issues in augmented home environment. , 2008, , .		6

#	ARTICLE	IF	CITATIONS
37	A Distributed Energy-Aware Trust Management System for Secure Routing in Wireless Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 85-92.	0.3	6
38	Reconfiguration in Wireless Sensor NeTworks. , 2010, , .		6
39	Seamless Content Delivery over Mobile 3G+/4G Networks. Mobile Networks and Applications, 2011, 16, 351-360.	3.3	6
40	Metrics for Assessing Flexibility and Sustainability of Next Generation Data Centers. , 2015, , .		6
41	Future media Internet. , 2011, 49, 110-111.		5
42	Resource and service virtualisation in M2M and IoT platforms. International Journal of Intelligent Engineering Informatics, 2015, 3, 205.	0.1	5
43	Simulation framework for adaptive overlay content caching. , 2012, , .		4
44	Orchestrating Live Immersive Media Services Over Cloud Native Edge Infrastructure. , 2019, , .		4
45	<title>Internet access over residential ATM networks</title>. , 1996, 2953, 98.		3
46	An architectural approach towards Future Media Internet. Multimedia Tools and Applications, 2014, 70, 297-309.	3.9	3
47	Federated data centers as smart city stabilizing factors. , 2015, , .		3
48	Physical Security Detectors for Critical Infrastructures Against New-Age Threat of Drones and Human Intrusion. , 2020, , .		3
49	MULTIMEDIA IN WIRELESS/MOBILE AD HOC NETWORKS. IEEE Wireless Communications, 2006, 13, 58-59.	9.0	2
50	Test environment for VSN routing algorithms using mobile robot. Proceedings ELMAR, 2007, , .	0.0	2
51	SVC/MVC content protection over P2P delivery networks. , 2009, , .		2
52	MATISSE: A Smart Hospital Ecosystem. , 2018, , .		2
53	Managing QoS for Future Internet Applications over Virtual Sensor Networks. Lecture Notes in Computer Science, 2013, , 52-63.	1.3	2
54	Enabling QoS in Visual Sensor Networks. Proceedings ELMAR, 2006, , .	0.0	1

#	ARTICLE	IF	CITATIONS
55	Energy Efficiency and Implementation Cost of Trust-Aware Routing Solutions in WSNs. , 2010, , .		1
56	Monitoring and tailoring the usage of network resources for smoothing the provision of interactive 3D services. , 2014, , .		1
57	Adaptive content caching simulation with visualization capabilities. Telecommunication Systems, 2015, 59, 531-539.	2.5	1
58	Farm to fork: securing a supply chain with direct impact on food security. , 2021, , .		1
59	Data-Driven Intrusion Detection for Ambient Intelligence. Lecture Notes in Computer Science, 2019, , 235-251.	1.3	1
60	Architectures for Future Media Internet. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 105-112.	0.3	1
61	An 802.11p Compliant System Prototype Supporting Road Safety and Traffic Management Applications. International Journal of Wireless Networks and Broadband Technologies, 2014, 3, 1-17.	1.0	1
62	802.11p-Based VANET Applications Improving Road Safety and Traffic Management. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 135-168.	0.4	1
63	The implications of service virtualisation on the routing procedure in Wireless Sensor Networks. , 2012, , .		0
64	Enabling network-based, immersive services. , 2012, , .		0
65	Evaluation of a transmission count-efficient metric for energy-aware routing in WSNs. , 2014, , .		0
66	Evaluation of RPL-compliant routing solutions in real-life WSNs. MATEC Web of Conferences, 2016, 41, 01006.	0.2	0
67	On the Minimization of the Energy Consumption in Federated Data Centers. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 388-398.	0.3	0
68	Seamless Content Delivery. , 2008, , .		0
69	From Internet Architecture Research to Standards. Lecture Notes in Computer Science, 2012, , 68-80.	1.3	0
70	Native ATM protocol stack for internet applications in residential broadband networks. Lecture Notes in Computer Science, 1998, , 300-311.	1.3	0
71	An 802.11p Compliant System Prototype Supporting Road Safety and Traffic Management Applications. , 2015, , 909-926.		0