

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	Network Traffic Anomaly Detection via Deep Learning. Information (Switzerland), 2021, 12, 215.	2.9	19
2	Farm to fork: securing a supply chain with direct impact on food security. , 2021, , .		1
3	A Review of Tabular Data Synthesis Using GANs on an IDS Dataset. Information (Switzerland), 2021, 12, 375.	2.9	50
4	Tackling Faults in the Industry 4.0 Eraâ€”A Survey of Machine-Learning Solutions and Key Aspects. Sensors, 2020, 20, 109.	3.8	156
5	Physical Security Detectors for Critical Infrastructures Against New-Age Threat of Drones and Human Intrusion. , 2020, , .		3
6	Incidents Information Sharing Platform for Distributed Attack Detection. IEEE Open Journal of the Communications Society, 2020, , 1-1.	6.9	7
7	Proactive Critical Energy Infrastructure Protection via Deep Feature Learning. Energies, 2020, 13, 2622.	3.1	10
8	Comparison of Management and Orchestration Solutions for the 5G Era. Journal of Sensor and Actuator Networks, 2020, 9, 4.	3.9	39
9	A UAV-based moving 5G RAN for massive connectivity of mobile users and IoT devices. Vehicular Communications, 2020, 25, 100250.	4.0	24
10	Flex-NOMA: Exploiting Buffer-Aided Relay Selection for Massive Connectivity in the 5G Uplink. IEEE Access, 2019, 7, 88743-88755.	4.2	30
11	Hybrid Clouds for Data-Intensive, 5G-Enabled IoT Applications: An Overview, Key Issues and Relevant Architecture. Sensors, 2019, 19, 3591.	3.8	36
12	Orchestrating Live Immersive Media Services Over Cloud Native Edge Infrastructure. , 2019, , .		4
13	Data-Driven Intrusion Detection for Ambient Intelligence. Lecture Notes in Computer Science, 2019, , 235-251.	1.3	1
14	MATISSE: A Smart Hospital Ecosystem. , 2018, , .		2
15	Smart Grid: a demanding use case for 5G technologies. , 2018, , .		35
16	Preventive maintenance of critical infrastructures using 5G networks & drones. , 2017, , .		14
17	Novel Simulation Approaches for Smart Grids. Journal of Sensor and Actuator Networks, 2016, 5, 11.	3.9	10
18	Evaluation of RPL-compliant routing solutions in real-life WSNs. MATEC Web of Conferences, 2016, 41, 01006.	0.2	0

#	ARTICLE	IF	CITATIONS
19	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
20	Resource and service virtualisation in M2M and IoT platforms. International Journal of Intelligent Engineering Informatics, 2015, 3, 205.	0.1	5
21	Metrics for Assessing Flexibility and Sustainability of Next Generation Data Centers. , 2015, , .		6
22	Federated data centers as smart city stabilizing factors. , 2015, , .		3
23	Adaptive content caching simulation with visualization capabilities. Telecommunication Systems, 2015, 59, 531-539.	2.5	1
24	An 802.11p Compliant System Prototype Supporting Road Safety and Traffic Management Applications. , 2015, , 909-926.		0
25	FIWARE Lab: Managing Resources and Services in a Cloud Federation Supporting Future Internet Applications. , 2014, , .		35
26	Evaluation of RPL with a transmission count-efficient and trust-aware routing metric. , 2014, , .		15
27	Monitoring and tailoring the usage of network resources for smoothing the provision of interactive 3D services. , 2014, , .		1
28	An architectural approach towards Future Media Internet. Multimedia Tools and Applications, 2014, 70, 297-309.	3.9	3
29	Evaluation of a transmission count-efficient metric for energy-aware routing in WSNs. , 2014, , .		0
30	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
31	Evaluating routing metric composition approaches for QoS differentiation in low power and lossy networks. Wireless Networks, 2013, 19, 1269-1284.	3.0	42
32	A Novel Trust-Aware Geographical Routing Scheme for Wireless Sensor Networks. Wireless Personal Communications, 2013, 69, 805-826.	2.7	75
33	Softwarization of Future Networks and Services -Programmable Enabled Networks as Next Generation Software Defined Networks. , 2013, , .		35
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	Managing QoS for Future Internet Applications over Virtual Sensor Networks. Lecture Notes in Computer Science, 2013, , 52-63.	1.3	2
36	The implications of service virtualisation on the routing procedure in Wireless Sensor Networks. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Simulation framework for adaptive overlay content caching. , 2012, , .		4
38	Enabling network-based, immersive services. , 2012, , .		0
39	A framework for service provisioning in virtual sensor networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	46
40	Design of primary and composite routing metrics for RPL-compliant Wireless Sensor Networks. , 2012, , .		56
41	Combining trust with location information for routing in wireless sensor networks. Wireless Communications and Mobile Computing, 2012, 12, 1091-1103.	1.2	26
42	Design Principles for the Future Internet Architecture. Lecture Notes in Computer Science, 2012, , 55-67.	1.3	12
43	Architectures for Future Media Internet. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 105-112.	0.3	1
44	From Internet Architecture Research to Standards. Lecture Notes in Computer Science, 2012, , 68-80.	1.3	0
45	VITRO Architecture: Bringing Virtualization to WSN World. , 2011, , .		13
46	Future media Internet. , 2011, 49, 110-111.		5
47	Seamless Content Delivery over Mobile 3G+/4G Networks. Mobile Networks and Applications, 2011, 16, 351-360.	3.3	6
48	Towards a Future Internet Architecture. Lecture Notes in Computer Science, 2011, , 7-18.	1.3	17
49	Secure Geographic Routing in Ad Hoc and Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	12
50	Trust management in wireless sensor networks. European Transactions on Telecommunications, 2010, 21, 386-395.	1.2	77
51	Implementing a Trust-Aware Routing Protocol in Wireless Sensor Nodes. , 2010, , .		10
52	Energy Efficiency and Implementation Cost of Trust-Aware Routing Solutions in WSNs. , 2010, , .		1
53	Reconfiguration in Wireless Sensor NeTworks. , 2010, , .		6
54	Design And Implementation Of a Trust-Aware Routing Protocol For Large WSNs. International Journal of Network Security and Its Applications, 2010, 2, 52-68.	0.5	27

#	ARTICLE	IF	CITATIONS
55	SVC/MVC content protection over P2P delivery networks. , 2009, , .		2
56	Efficient Detection of Routing Attacks in Wireless Sensor Networks. , 2009, , .		10
57	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
58	Scalable content delivery over P2P convergent networks. , 2008, , .		7
59	Sensor networks security issues in augmented home environment. , 2008, , .		6
60	Seamless Content Delivery. , 2008, , .		0
61	Test environment for VSN routing algorithms using mobile robot. Proceedings ELMAR, 2007, , .	0.0	2
62	MULTIMEDIA IN WIRELESS/MOBILE AD HOC NETWORKS. IEEE Wireless Communications, 2006, 13, 58-59.	9.0	2
63	Enabling QoS in Visual Sensor Networks. Proceedings ELMAR, 2006, , .	0.0	1
64	Evolution of the Wireless PAN and LAN standards. Computer Standards and Interfaces, 2004, 26, 175-185.	5.4	26
65	New Trends in Distance Learning Utilising Next Generation Multimedia Networks. Education and Information Technologies, 2003, 8, 67-81.	5.7	7
66	Digital Gateways for Multimedia Home Networks. Telecommunication Systems, 2003, 23, 335-349.	2.5	6
67	A comparison of competing broadband in-home technologies. Electronics and Communication Engineering Journal, 2002, 14, 133-142.	0.5	25
68	Multimedia home networks: standards and interfaces. Computer Standards and Interfaces, 2002, 24, 425-435.	5.4	15
69	Native ATM protocol stack for internet applications in residential broadband networks. Lecture Notes in Computer Science, 1998, , 300-311.	1.3	0
70	<title>Internet access over residential ATM networks</title>. , 1996, 2953, 98.		3
71	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