

Panagiotis T Trakadas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4859592/publications.pdf>

Version: 2024-02-01

60
papers

1,165
citations

430442

18
h-index

414034

32
g-index

60
all docs

60
docs citations

60
times ranked

1085
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.	2.1	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.	1.8	75
4	An Edge-to-Cloud Virtualized Multimedia Service Platform for 5G Networks. <i>IEEE Transactions on Broadcasting</i> , 2019, 65, 369-380.	2.5	65
5	An Artificial Intelligence-Based Collaboration Approach in Industrial IoT Manufacturing: Key Concepts, Architectural Extensions and Potential Applications. <i>Sensors</i> , 2020, 20, 5480.	2.1	63
6	Three-Dimensional Modeling of mmWave Doubly Massive MIMO Aerial Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 1190-1202.	3.9	49
7	Evaluating routing metric composition approaches for QoS differentiation in low power and lossy networks. <i>Wireless Networks</i> , 2013, 19, 1269-1284.	2.0	42
8	Electrical Vehicles: Current State of the Art, Future Challenges, and Perspectives. <i>Clean Technologies</i> , 2020, 2, 1-16.	1.9	42
9	A Comprehensive Study on Simulation Techniques for 5G Networks: State of the Art Results, Analysis, and Future Challenges. <i>Electronics (Switzerland)</i> , 2020, 9, 468.	1.8	42
10	Comparison of Management and Orchestration Solutions for the 5G Era. <i>Journal of Sensor and Actuator Networks</i> , 2020, 9, 4.	2.3	39
11	Deep Reinforcement Learning for Energy-Efficient Multi-Channel Transmissions in 5G Cognitive HetNets: Centralized, Decentralized and Transfer Learning Based Solutions. <i>IEEE Access</i> , 2021, 9, 129358-129374.	2.6	38
12	Hybrid Clouds for Data-Intensive, 5G-Enabled IoT Applications: An Overview, Key Issues and Relevant Architecture. <i>Sensors</i> , 2019, 19, 3591.	2.1	36
13	A Cost-Efficient 5G Non-Public Network Architectural Approach: Key Concepts and Enablers, Building Blocks and Potential Use Cases. <i>Sensors</i> , 2021, 21, 5578.	2.1	34
14	Flex-NOMA: Exploiting Buffer-Aided Relay Selection for Massive Connectivity in the 5G Uplink. <i>IEEE Access</i> , 2019, 7, 88743-88755.	2.6	30
15	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.	0.4	27
16	Introducing Automated Verification and Validation for Virtualized Network Functions and Services. <i>IEEE Communications Magazine</i> , 2019, 57, 96-102.	4.9	26
17	A UAV-based moving 5G RAN for massive connectivity of mobile users and IoT devices. <i>Vehicular Communications</i> , 2020, 25, 100250.	2.7	24
18	Theoretical investigation of the field conditions in a vibrating reverberation chamber with an unstirred component. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2003, 45, 77-81.	1.4	20

#	ARTICLE	IF	CITATIONS
19	Supporting Intelligence in Disaggregated Open Radio Access Networks: Architectural Principles, AI/ML Workflow, and Use Cases. <i>IEEE Access</i> , 2022, 10, 39580-39595.	2.6	20
20	Benchmarking and Profiling 5G Verticals' Applications: An Industrial IoT Use Case. , 2020, , .		19
21	PERFORMANCE OF A SIX-BEAM SWITCHED PARASITIC PLANAR ARRAY UNDER ONE PATH RAYLEIGH FADING ENVIRONMENT. <i>Progress in Electromagnetics Research</i> , 2006, 62, 89-106.	1.6	14
22	Preventive maintenance of critical infrastructures using 5G networks & drones. , 2017, , .		14
23	Trust-aware and link-reliable routing metric composition for wireless sensor networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2014, 25, 539-554.	2.6	13
24	Embedding 5G solutions enabling new business scenarios in Media and Entertainment Industry. , 2019, , .		12
25	Towards Closed-loop Automation in 5G Open RAN: Coupling an Open-Source Simulator with xApps. , 2022, , .		12
26	Secure Open Federation of IoT Platforms Through Interledger Technologies - The SOFIE Approach. , 2019, , .		11
27	Power Control in 5G Heterogeneous Cells Considering User Demands Using Deep Reinforcement Learning. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 95-105.	0.5	11
28	A mixed model for the determination of normalized site attenuation in OATS. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2001, 43, 29-36.	1.4	10
29	An Adaptive Hybrid Beamforming Approach for 5G-MIMO mmWave Wireless Cellular Networks. <i>IEEE Access</i> , 2021, 9, 127767-127778.	2.6	10
30	Cybersecurity in ICT Supply Chains: Key Challenges and a Relevant Architecture. <i>Sensors</i> , 2021, 21, 6057.	2.1	10
31	Joint Energy-efficient and Throughput-sufficient Transmissions in 5G Cells with Deep Q-Learning. , 2021, , .		10
32	Exploiting sensing devices availability in AR/VR deployments to foster engagement. <i>Virtual Reality</i> , 2019, 23, 399-410.	4.1	9
33	Full-Duplex NOMA Transmission with Single-Antenna Buffer-Aided Relays. <i>Electronics (Switzerland)</i> , 2019, 8, 1482.	1.8	9
34	Computation of transmission-line immunity level in the presence of a direct-sequence spread-spectrum electromagnetic signal by using CE-FDTD method. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2003, 45, 2-9.	1.4	8
35	Non-Orthogonal Multiple Access in Multiuser MIMO Configurations via Code Reuse and Principal Component Analysis. <i>Electronics (Switzerland)</i> , 2020, 9, 1330.	1.8	8
36	Programmable Edge-to-Cloud Virtualization for 5G Media Industry: The 5G-MEDIA Approach. <i>IFIP Advances in Information and Communication Technology</i> , 2020, , 95-104.	0.5	8

#	ARTICLE	IF	CITATIONS
37	Network Slicing Over A Packet/Optical Network For Vertical Applications Applied To Multimedia Real-Time Communications. , 2019, , .		7
38	Incidents Information Sharing Platform for Distributed Attack Detection. IEEE Open Journal of the Communications Society, 2020, , 1-1.	4.4	7
39	A KPI-Enabled NFV MANO Architecture for Network Slicing with QoS. IEEE Communications Magazine, 2021, 59, 44-50.	4.9	7
40	ISLAND: An Interlinked Semantically-Enriched Blockchain Data Framework. Lecture Notes in Computer Science, 2021, , 207-214.	1.0	6
41	Allocating Orders to Printing Machines for Defect Minimization: A Comparative Machine Learning Approach. IFIP Advances in Information and Communication Technology, 2022, , 79-88.	0.5	6
42	Resource and service virtualisation in M2M and IoT platforms. International Journal of Intelligent Engineering Informatics, 2015, 3, 205.	0.1	5
43	Comprehensive Comparison of VNE Solutions Based on Different Coordination Approaches. Telecom, 2021, 2, 390-412.	1.6	5
44	Field Prediction Describing Scattering by a One-Dimensional Smooth Random Rough Surface. Electromagnetics, 2002, 22, 27-35.	0.3	4
45	Orchestrating Live Immersive Media Services Over Cloud Native Edge Infrastructure. , 2019, , .		4
46	Impact of Classifiers to Drift Detection Method: A Comparison. Proceedings of the International Neural Networks Society, 2021, , 399-410.	0.6	4
47	Advanced NFV Features Applied to Multimedia Real-Time Communications Use Case. , 2019, , .		3
48	Comparison of VNE heuristic solutions with similar objective functions. , 2020, , .		3
49	A Maximum Likelihood Decoding Algorithm for Wireless Channels. Wireless Personal Communications, 2002, 23, 283-295.	1.8	2
50	Managing QoS for Future Internet Applications over Virtual Sensor Networks. Lecture Notes in Computer Science, 2013, , 52-63.	1.0	2
51	Statistical Analysis of an Arbitrarily Oriented Two-Wire Transmission Line Embedded in a Dissipative Layer. Electromagnetics, 2001, 21, 381-400.	0.3	1
52	Probabilistic Response of a Transmission Line in a Dissipative Medium Excited By an Oblique Plane Wave - Abstract. Journal of Electromagnetic Waves and Applications, 2001, 15, 625-626.	1.0	1
53	Measurements and simulation for a joint non-Gaussian fast-fading model in indoor-propagation environments. Microwave and Optical Technology Letters, 2005, 45, 515-519.	0.9	1
54	Improved Performance of Maximum Likelihood Decoding Algorithm with Efficient Use of Algebraic Decoder. Wireless Personal Communications, 2005, 32, 1-7.	1.8	1

#	ARTICLE	IF	CITATIONS
55	Broadband Wireless Access Base Station Performance using Smart Antenna Cell. , 2007, , .		1
56	Farm to fork: securing a supply chain with direct impact on food security. , 2021, , .		1
57	Data-Driven Intrusion Detection for Ambient Intelligence. Lecture Notes in Computer Science, 2019, , 235-251.	1.0	1
58	On the Performance Evaluation of a MIMOâ€“WCDMA Transmission Architecture for Building Management Systems. Sensors, 2018, 18, 155.	2.1	0
59	Advanced First Respondersâ€™™ Services by Using FASTER Project Architectural Solution. IFIP Advances in Information and Communication Technology, 2021, , 62-70.	0.5	0
60	On the Performance Limitations of Realistic Massive MIMO Deployments in 5G mmWave Wireless Cellular Networks. , 2021, , .		0