

Georgios Tsoumanis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

108

citations

6

h-index

9

g-index

35

ext. papers

173

ext. citations

3.2

avg, IF

3.27

L-index

#	Paper	IF	Citations
22	Modeling and Simulation Tools for Fog Computing: A Comprehensive Survey from a Cost Perspective. <i>Future Internet</i> , 2020 , 12, 89	3.3	22
21	Wireless Sensor Network Synchronization for Precision Agriculture Applications. <i>Agriculture (Switzerland)</i> , 2020 , 10, 89	3	13
20	Energy-efficient sink placement in wireless sensor networks. <i>Computer Networks</i> , 2018 , 141, 166-178	5.4	13
19	An Alertness-Adjustable Cloud/Fog IoT Solution for Timely Environmental Monitoring Based on Wildfire Risk Forecasting. <i>Energies</i> , 2020 , 13, 3693	3.1	9
18	Structural Health Monitoring in Historical Buildings: A Network Approach. <i>Heritage</i> , 2020 , 3, 796-818	1.6	8
17	Latency-Adjustable Cloud/Fog Computing Architecture for Time-Sensitive Environmental Monitoring in Olive Groves. <i>AgriEngineering</i> , 2020 , 2, 175-205	2.2	7
16	Improving the Accuracy of Low-Cost Sensor Measurements for Freezer Automation. <i>Sensors</i> , 2020 , 20,	3.8	6
15	A Low-Cost Vehicular Traffic Monitoring System Using Fog Computing. <i>Smart Cities</i> , 2020 , 3, 138-156	3.3	5
14	CaBIUs: Description of the Enhanced Wireless Campus Testbed of the Ionian University. <i>Electronics (Switzerland)</i> , 2020 , 9, 454	2.6	5
13	A recharging distance analysis for wireless sensor networks. <i>Ad Hoc Networks</i> , 2018 , 75-76, 80-86	4.8	5
12	. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 378-391	4	4
11	Structural Health Monitoring In Historical Buildings Using A Low Cost Wireless Sensor Network 2019 ,		3
10	A Fairness-Aware topology independent TDMA MAC policy in time constrained wireless ad hoc networks. <i>Computer Networks</i> , 2020 , 171, 107157	5.4	2
9	5G UFMC Scheme Performance with Different Numerologies. <i>Electronics (Switzerland)</i> , 2021 , 10, 1915	2.6	2
8	Adapting Probabilistic Flooding in Energy Harvesting Wireless Sensor Networks. <i>Journal of Sensor and Actuator Networks</i> , 2018 , 7, 39	3.8	1
7	The Smart Evolution of Historical Cities: Integrated Innovative Solutions Supporting the Energy Transition while Respecting Cultural Heritage. <i>Sustainability</i> , 2021 , 13, 9358	3.6	1
6	Shortest Path Algorithms for Pedestrian Navigation Systems. <i>Information (Switzerland)</i> , 2022 , 13, 269	2.6	0

- 5 Implementation of a Topology Independent MAC (TiMAC) Policy on a Low-Cost IoT System. *Future Internet*, **2020**, 12, 86 3.3
- 4 Evaluation of Epidemic-Based Information Dissemination in a Wireless Network Testbed. *Technologies*, **2020**, 8, 36 2.4
- 3 Smart Agriculture: A Low-Cost Wireless Sensor Network Approach. *Springer Optimization and Its Applications*, **2022**, 139-172 0.4
- 2 A Traffic-Load-Based Algorithm for Wireless Sensor Networks Lifetime Extension. *Information (Switzerland)*, **2022**, 13, 202 2.6
- 1 Heterogeneous hybrid extreme learning machine for temperature sensor accuracy improvement. *Expert Systems With Applications*, **2022**, 117488 7.8