Georgios Tsoumanis

List of Publications by Year in Descending Order

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	Smart Agriculture: A Low-Cost Wireless Sensor Network Approach. *Springer Optimization and Its Applications*, **2022**, 139-172	0.4	
21	A Traffic-Load-Based Algorithm for Wireless Sensor Networks Lifetime Extension. *Information (Switzerland)*, **2022**, 13, 202	2.6	
20	Heterogeneous hybrid extreme learning machine for temperature sensor accuracy improvement. *Expert Systems With Applications*, **2022**, 117488	7.8	
19	Shortest Path Algorithms for Pedestrian Navigation Systems. *Information (Switzerland)*, **2022**, 13, 269	2.6	0
18	. *IEEE Transactions on Green Communications and Networking*, **2021**, 5, 378-391	4	4
17	5G UFMC Scheme Performance with Different Numerologies. *Electronics (Switzerland)*, **2021**, 10, 1915	2.6	2
16	The Smart Evolution of Historical Cities: Integrated Innovative Solutions Supporting the Energy Transition while Respecting Cultural Heritage. *Sustainability*, **2021**, 13, 9358	3.6	1
15	Implementation of a Topology Independent MAC (TiMAC) Policy on a Low-Cost IoT System. *Future Internet*, **2020**, 12, 86	3.3	
14	Modeling and Simulation Tools for Fog Computing A Comprehensive Survey from a Cost Perspective. *Future Internet*, **2020**, 12, 89	3.3	22
13	A Low-Cost Vehicular Traffic Monitoring System Using Fog Computing. *Smart Cities*, **2020**, 3, 138-156	3.3	5
12	CaBIUs: Description of the Enhanced Wireless Campus Testbed of the Ionian University. *Electronics (Switzerland)*, **2020**, 9, 454	2.6	5
11	Evaluation of Epidemic-Based Information Dissemination in a Wireless Network Testbed. *Technologies*, **2020**, 8, 36	2.4	
10	A Fairness-Aware topology independent TDMA MAC policy in time constrained wireless ad hoc networks. *Computer Networks*, **2020**, 171, 107157	5.4	2
9	Wireless Sensor Network Synchronization for Precision Agriculture Applications. *Agriculture (Switzerland)*, **2020**, 10, 89	3	13
8	Latency-Adjustable Cloud/Fog Computing Architecture for Time-Sensitive Environmental Monitoring in Olive Groves. *AgriEngineering*, **2020**, 2, 175-205	2.2	7
7	Improving the Accuracy of Low-Cost Sensor Measurements for Freezer Automation. *Sensors*, **2020**, 20,	3.8	6
6	Structural Health Monitoring in Historical Buildings: A Network Approach. *Heritage*, **2020**, 3, 796-818	1.6	8

List of Publications

5	An Alertness-Adjustable Cloud/Fog IoT Solution for Timely Environmental Monitoring Based on Wildfire Risk Forecasting. *Energies*, **2020**, 13, 3693	3.1	9
4	Structural Health Monitoring In Historical Buildings Using A Low Cost Wireless Sensor Network **2019**,		3
3	A recharging distance analysis for wireless sensor networks. *Ad Hoc Networks*, **2018**, 75-76, 80-86	4.8	5
2	Adapting Probabilistic Flooding in Energy Harvesting Wireless Sensor Networks. *Journal of Sensor and Actuator Networks*, **2018**, 7, 39	3.8	1
1	Energy-efficient sink placement in wireless sensor networks. *Computer Networks*, **2018**, 141, 166-178	5.4	13