

Tuan Nguyen Gia

List of Publications by Year in Descending Order

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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.

37
papers

1,860
citations

18
h-index

40
g-index

40
ext. papers

2,348
ext. citations

3.2
avg, IF

5.09
L-index

#	Paper	IF	Citations
37	Detection of Epilepsy Seizures Based on Deep Learning with Attention Mechanism. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022 , 71-84	0.2	
36	One-Dimensional CNN Approach for ECG Arrhythmia Analysis in Fog-Cloud Environments. <i>IEEE Access</i> , 2021 , 9, 103513-103523	3.5	18
35	Exploiting LoRa, edge, and fog computing for traffic monitoring in smart cities 2020 , 347-371		3
34	Artificial Intelligence at the Edge in the Blockchain of Things. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020 , 267-280	0.2	
33	Lightweight Security Algorithms for Resource-constrained IoT-based Sensor Nodes 2020 ,		2
32	Edge Computing to Secure IoT Data Ownership and Trade with the Ethereum Blockchain. <i>Sensors</i> , 2020 , 20,	3.8	15
31	Multi-Sensor Fusion for Navigation and Mapping in Autonomous Vehicles: Accurate Localization in Urban Environments. <i>Unmanned Systems</i> , 2020 , 08, 229-237	3	12
30	Collaborative Multi-Robot Search and Rescue: Planning, Coordination, Perception, and Active Vision. <i>IEEE Access</i> , 2020 , 8, 191617-191643	3.5	41
29	Communication-free and Index-free Distributed Formation Control Algorithm for Multi-robot Systems. <i>Procedia Computer Science</i> , 2019 , 151, 431-438	1.6	8
28	Comparative Study of LPWAN Technologies on Unlicensed Bands for M2M Communication in the IoT: beyond LoRa and LoRaWAN. <i>Procedia Computer Science</i> , 2019 , 155, 343-350	1.6	26
27	Collaborative Mapping with IoE-based Heterogeneous Vehicles for Enhanced Situational Awareness 2019 ,		5
26	Analysis of Performance and Energy Consumption of Wearable Devices and Mobile Gateways in IoT Applications 2019 ,		8
25	Intelligent Autonomous Elderly Patient Home Monitoring System 2019 ,		8
24	Distributed Progressive Formation Control for Multi-Agent Systems: 2D and 3D deployment of UAVs in ROS/Gazebo with RotorS 2019 ,		7
23	Edge Computing with Embedded AI 2019 ,		9
22	Exploiting Fog Computing in Health Monitoring 2019 , 291-318		7
21	Energy efficient fog-assisted IoT system for monitoring diabetic patients with cardiovascular disease. <i>Future Generation Computer Systems</i> , 2019 , 93, 198-211	7.5	47

20	Exploiting smart e-Health gateways at the edge of healthcare Internet-of-Things: A fog computing approach. <i>Future Generation Computer Systems</i> , 2018 , 78, 641-658	7.5	573
19	. <i>IEEE Access</i> , 2018 , 6, 36064-36082	3.5	34
18	Leveraging Fog Computing for Healthcare IoT 2018 , 145-169		37
17	Energy efficient wearable sensor node for IoT-based fall detection systems. <i>Microprocessors and Microsystems</i> , 2018 , 56, 34-46	2.4	79
16	Portable multipurpose bio-signal acquisition and wireless streaming device for wearables 2017 ,		19
15	IoT-based continuous glucose monitoring system: A feasibility study. <i>Procedia Computer Science</i> , 2017 , 109, 327-334	1.6	59
14	Low-cost fog-assisted health-care IoT system with energy-efficient sensor nodes 2017 ,		18
13	Autonomous Patient/Home Health Monitoring Powered by Energy Harvesting 2017 ,		7
12	Low-latency hardware architecture for cipher-based message authentication code 2017 ,		2
11	Energy-Efficient IoT-Enabled Fall Detection System with Messenger-Based Notification. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 19-26	0.2	5
10	IoT-based remote facial expression monitoring system with sEMG signal 2016 ,		24
9	End-to-end security scheme for mobility enabled healthcare Internet of Things. <i>Future Generation Computer Systems</i> , 2016 , 64, 108-124	7.5	162
8	IoT-based fall detection system with energy efficient sensor nodes 2016 ,		25
7	SEA: A Secure and Efficient Authentication and Authorization Architecture for IoT-Based Healthcare Using Smart Gateways. <i>Procedia Computer Science</i> , 2015 , 52, 452-459	1.6	147
6	Fault tolerant and scalable IoT-based architecture for health monitoring 2015 ,		25
5	Smart e-Health Gateway: Bringing intelligence to Internet-of-Things based ubiquitous healthcare systems 2015 ,		168
4	2015 ,		21
3	2015 ,		206

2	NeuroCGRA: A CGRA with support for neural networks 2014 ,	5
1	Customizing 6LoWPAN networks towards Internet-of-Things based ubiquitous healthcare systems 2014 ,	26