

Maneesha Vinodini Ramesh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4112033/publications.pdf>

Version: 2024-02-01

52
papers

888
citations

759233

12
h-index

752698

20
g-index

55
all docs

55
docs citations

55
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, development, and deployment of a wireless sensor network for detection of landslides. Ad Hoc Networks, 2014, 13, 2-18.	5.5	186
2	Live-in-Labs: Rapid translational research and implementation-based program for rural development in India. , 2016, , .		59
3	Towards establishing rainfall thresholds for a real-time landslide early warning system in Sikkim, India. Landslides, 2019, 16, 2395-2408.	5.4	53
4	Spatio-Temporal Analysis of Land Use/Land Cover Changes in an Ecologically Fragile Area"Alappuzha District, Southern Kerala, India. Natural Resources Research, 2019, 28, 31-42.	4.7	41
5	Wireless Smart Grid Design for Monitoring and Optimizing Electric Transmission in India. , 2010, , .		40
6	Reliable network connectivity in wireless sensor networks for remote monitoring of landslides. Wireless Networks, 2020, 26, 2137-2152.	3.0	37
7	Data Reduction and Energy Sustenance in Multisensor Networks for Landslide Monitoring. IEEE Sensors Journal, 2014, 14, 1555-1563.	4.7	34
8	Energy Efficient Data Acquisition Techniques Using Context Aware Sensing for Landslide Monitoring Systems. IEEE Sensors Journal, 2017, 17, 6006-6018.	4.7	34
9	Context aware ad hoc network for mitigation of crowd disasters. Ad Hoc Networks, 2014, 18, 55-70.	5.5	28
10	Causative factors of landslides 2019: case study in Malappuram and Wayanad districts of Kerala, India. Landslides, 2020, 17, 2689-2697.	5.4	28
11	Participatory design approach to address water crisis in the village of Karkatta, Jharkhand, India. Technological Forecasting and Social Change, 2021, 172, 121002.	11.6	28
12	A novel solution for high speed internet over the oceans. , 2018, , .		27
13	Enhancing the reliability of landslide early warning systems by machine learning. Landslides, 2020, 17, 2231-2246.	5.4	27
14	Mobile infrastructure for coastal region offshore communications and networks. , 2016, , .		26
15	Real-Time Monitoring and Detection of "Heart Attack" Using Wireless Sensor Networks. , 2010, , .		19
16	Achieving sustainability through smart city applications: protocols, systems and solutions using IoT and wireless sensor network. CSI Transactions on ICT, 2020, 8, 213-230.	1.0	19
17	High performance communication architecture for smart distribution power grid in developing nations. Wireless Networks, 2018, 24, 1621-1638.	3.0	18
18	Multi-layer architectures for remote health monitoring. , 2016, , .		16

#	ARTICLE	IF	CITATIONS
19	A real-time detection and warning of cardiovascular disease LAHB for a wearable wireless ECG device. , 2016, , .		14
20	Using CPS Enabled Microgrid System for optimal power utilization and supply strategy. Energy and Buildings, 2017, 145, 32-43.	6.7	12
21	Context aware wireless sensor system integrated with participatory sensing for real time road accident detection. , 2013, , .		11
22	Design and implementation of user interactive wireless smart home energy management system. , 2013, , .		11
23	Multi-Layer Architecture and Routing for Internet of Everything (IoE) in Smart Cities. , 2021, , .		10
24	Pilot deployment of early warning system for landslides in eastern himalayas. , 2016, , .		9
25	Delay tolerant routing protocol for heterogeneous marine vehicular mobile ad-hoc network. , 2017, , .		9
26	A Smart Positioning System for Personalized Energy Management in buildings. , 2016, , .		8
27	A remote triggered wireless sensor network testbed. , 2015, , .		7
28	User centered energy management scheme for smart buildings. , 2017, , .		7
29	Real-Time Processing and Analysis for Activity Classification to Enhance Wearable Wireless ECG. Advances in Intelligent Systems and Computing, 2016, , 21-35.	0.6	6
30	H-Plane: Intelligent Data Management for Mobile Healthcare Applications. Lecture Notes in Computer Science, 2016, , 283-294.	1.3	6
31	Development of a resilient wireless sensor network for real-time outdoor applications. , 2014, , .		5
32	Locating and monitoring emergency responder using a wearable device. , 2012, , .		4
33	AMRITA remote triggered wireless sensor network laboratory framework. , 2013, , .		4
34	Delay and energy optimization in multilevel balanced WSNs for landslide monitoring. , 2016, , .		4
35	ER-Track: A Wireless Device for Tracking and Monitoring Emergency Responders. Procedia Computer Science, 2012, 10, 1080-1085.	2.0	3
36	A Remote Code Editing Framework for AMRITA Remote Triggered WSN Laboratory. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
37	An Energy Aware Schedule Based Remote Triggered Wireless Sensor Network Laboratory. , 2015, , .		3
38	Improving reliability and quality of supply(QoS) in smart distribution network. , 2016, , .		3
39	Topology Preserving Map Generation for Multiple Mobile Fishing Vessels. Advances in Intelligent Systems and Computing, 2016, , 259-272.	0.6	3
40	Lightweight Management Framework (LMF) for a Heterogeneous Wireless Network for Landslide Detection. Communications in Computer and Information Science, 2010, , 457-471.	0.5	3
41	Smart architecture for home area electrical grid in India. , 2013, , .		2
42	An in-body wireless communication system for targeted drug delivery: Design and simulation. , 2014, , .		2
43	Augmenting packet delivery rate in outdoor wireless sensor networks through frequency optimization. , 2014, , .		2
44	Wireless movement sensor network for real-time monitoring of slope instability. , 2017, , .		2
45	Design of wireless real time artificial sphincter control system for Urinary Incontinence. , 2014, , .		1
46	Smart personalized learning system for energy management in buildings. , 2017, , .		1
47	Temporal Variability of Water Quality Parameters at the Elkhorn Slough Estuary using Wavelets. , 2021, , .		1
48	Locating Emergency Responders in Disaster Area Using Wireless Sensor Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 1-10.	0.3	1
49	An IoT Based Disaster Response Solution for Ocean Environment. , 2021, , .		1
50	Smart distribution electrical grid for India. , 2011, , .		0
51	An adaptive energy management scheme for real-time landslide detection. , 2013, , .		0
52	An affordable non-destructive method for monitoring soil parameters in large scale using electrical resistivity technique. , 2017, , .		0