

Reza Abrishambaf

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

352
citations

1478505

6
h-index

1281871

11
g-index

28
all docs

28
docs citations

28
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating the IEEE 1451 and IEC 61499 Standards with the Industrial Internet Reference Architecture. Sensors, 2022, 22, 1495.	3.8	13
2	A machine learning-based dynamic link power control in wearable sensing devices. Wireless Networks, 2021, 27, 1835-1848.	3.0	7
3	Structural Modeling and Implementation of Smart Sensor and Actuator Networks using IEEE 1451. , 2020, , .		1
4	Peripheral nodes and their effect in path planning in networks. International Journal of Ad Hoc and Ubiquitous Computing, 2018, 27, 157.	0.5	2
5	A Low Traffic Overhead Transmission Power Control for Wireless Body Area Networks. IEEE Sensors Journal, 2018, 18, 1301-1313.	4.7	25
6	Base station positioning fot industrial wireless sensor. , 2018, , .		1
7	Survey and Taxonomy of Transmissions Power Control Mechanisms for Wireless Body Area Networks. IEEE Communications Surveys and Tutorials, 2018, 20, 1292-1328.	39.4	24
8	Industrial Monitoring and Troubleshooting Based on LoRa Communication Technology. , 2018, , .		7
9	The Need for Standardisation in Low Power Smart Sensing. , 2018, , .		13
10	A system for monitoring hand hygiene compliance based-on Internet-of-Things. , 2017, , .		23
11	On-body signal propagation in WBANs for firefighters personal protective equipment: Statistical characterization and performance assessment. , 2017, , .		2
12	Distributed home automation system based on IEC61499 function blocks and wireless sensor networks. , 2017, , .		4
13	Flow-based scheme for time-constrained data gathering in wireless sensor networks. International Journal of Wireless and Mobile Computing, 2016, 10, 1.	0.2	1
14	Smart and wearable wireless sensors: Scenario analysis and communication issues. , 2016, , .		2
15	The Finger-Knuckle-Print Recognition Using the Kernel Principal Components Analysis and the Support Vector Machines. Lecture Notes in Networks and Systems, 2016, , 177-185.	0.7	0
16	Energy saving mechanism for a smart wearable system: Monitoring infants during the sleep. , 2016, , .		7
17	Multimodal fusion of the finger vein, fingerprint and the finger-knuckle-print using Kernel Fisher analysis. Applied Soft Computing Journal, 2016, 42, 439-447.	7.2	59
18	An energy aware design flow of distributed industrial wireless sensor and actuator networks. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Peripheral nodes and their effect in path planning in networks. International Journal of Ad Hoc and Ubiquitous Computing, 2015, 1, 1.	0.5	1
20	Finger vein recognition using Gabor filter and Support Vector Machine. , 2014, , .		25
21	A Wireless Sensor Network for collision detection on guardrails. , 2014, , .		7
22	Comparison of wireless sensor network and radio frequency identification for the process control of distributed industrial systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2014, 228, 316-329.	1.0	5
23	Structural modeling of industrial wireless sensor and actuator networks for reconfigurable mechatronic systems. International Journal of Advanced Manufacturing Technology, 2013, 64, 793-811.	3.0	19
24	Path loss exponent analysis in Wireless Sensor Networks: Experimental evaluation. , 2013, , .		79
25	A Hybrid Energy-Efficient routing protocol for Wireless Sensor Networks. , 2013, , .		1
26	Energy analysis of routing protocols in wireless sensor networks for industrial applications. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2012, 226, 678-684.	1.0	6
27	Integration of Wireless Sensor Networks into the distributed intelligent manufacturing within the framework of IEC 61499 function blocks. , 2011, , .		4
28	A fully CNN based fingerprint recognition system. , 2008, , .		10