

Oana Gabriela Chenaru

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

224
citations

1937685

4
h-index

2053705

5
g-index

31
all docs

31
docs citations

31
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	Versatile edge gateway for improving manufacturing supply chain management via collaborative networks. International Journal of Computer Integrated Manufacturing, 2021, 34, 407-421.	4.6	13
2	IoT Gateway for Personalized User Comfort Management in Smart Home Applications. , 2020, , .		3
3	Hardware-in-Loop Assessment of Control Architectures. , 2020, , .		3
4	IIoT Gateway for Edge Computing Applications. Studies in Computational Intelligence, 2020, , 220-231.	0.9	7
5	DEW: A New Edge Computing Component for Distributed Dynamic Networks. , 2019, , .		7
6	A Survey of Collaborative UAV-WSN Systems for Efficient Monitoring. Sensors, 2019, 19, 4690.	3.8	82
7	Sensor Virtualization for Enabling Novel Services. , 2019, , .		0
8	Virtual Sensor for Behavior Pattern Identification in a Smart Home Application. , 2019, , .		3
9	Adaptive Set-Point Using Flow Estimation for Oxygen Control in Wastewater Plant. , 2019, , .		0
10	Image Processing Techniques to Identify Red Blood Cells. , 2018, , .		9
11	Fog-Based Solution for Real-Time Monitoring and Data Processing in Manufacturing. , 2018, , .		7
12	Advanced Processing Techniques for Detection and Classification of Skin Lesions. , 2018, , .		12
13	Residual Water Burst Detection Using WSN Measurements and Cloud Analysis. , 2018, , .		0
14	Integration of WSN, IoT and Cloud Computing in Distributed Monitoring System for Aging Persons in Active Life. , 2018, , .		6
15	Improving operational security for web-based distributed control systems in wastewater management. , 2017, , .		5
16	Communication Technologies for Complex Industrial Systems. , 2017, , .		0
17	Enabling Smart Integration of Renewable Energy in National Energy Transport Infrastructures. , 2017, , .		0
18	Multi-ground-control system for unmanned aerial vehicles. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	A practical approach to IEC 61850 standard for automation, protection and control of substations. , 2017, , .		12
20	Message Queuing Model for a Healthcare Hybrid Cloud Computing Platform. Studies in Informatics and Control, 2017, 26, .	1.2	4
21	A service oriented system of reusable algorithms for distributed control of petroleum facilities in onshore oilfields. , 2016, , .		6
22	Performance and load analysis for remote plant connectivity using GSM communication. , 2016, , .		2
23	Practical fault management using real-time decision tree analysis. , 2016, , .		1
24	Execution of an IEC61499 Application on a Remote Server. Studies in Systems, Decision and Control, 2016, , 157-177.	1.0	0
25	Methodology and Framework for Development of Smart Grid Control. Studies in Computational Intelligence, 2016, , 319-327.	0.9	0
26	Fault-Tolerant Control System Implementation Based on Parameter Analysis. Studies in Informatics and Control, 2016, 25, .	1.2	1
27	Modeling Complex Industrial Systems Using Cloud Services. , 2015, , .		4
28	Evolution from Power Grid to Smart Grid: Design challenges. , 2015, , .		4
29	Open cloud solution for integrating advanced process control in plant operation. , 2015, , .		7
30	A Fractal Model for Power Smart Grids. , 2015, , .		6
31	Towards cloud integration for industrial wireless sensor network systems. , 2015, , .		18