

Petr Fiedler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1705030/publications.pdf>

Version: 2024-02-01

27
papers

244
citations

1306789

7
h-index

1058022

14
g-index

27
all docs

27
docs citations

27
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Offline Access to a Vehicle via PKI-Based Authentication. Lecture Notes in Computer Science, 2021, , 76-88.	1.0	1
2	Resiliency, the Path to Safety II. IFAC-PapersOnLine, 2018, 51, 468-472.	0.5	2
3	A Multiconductor Model of Power Line Communication in Medium-Voltage Lines. Energies, 2017, 10, 816.	1.6	11
4	A Heuristic Algorithm to Compute Multimodal Criterial Function Weights for Demand Management in Residential Areas. Energies, 2017, 10, 1049.	1.6	18
5	Thermostatically controlled appliances in the Home Area Network model. IFAC-PapersOnLine, 2016, 49, 247-253.	0.5	3
6	Challenges in Arc Fault Detection for High Power DC applications**This paper presents selected outcomes of a Master Thesis that has been supported by Eaton Elektrotechnika s.r.o., Prague, Czech Republic. IFAC-PapersOnLine, 2016, 49, 552-556.	0.5	5
7	Fault Tolerant CNC Motion Controller. IFAC-PapersOnLine, 2016, 49, 229-234.	0.5	1
8	Client side data encryption/decryption for web application. IFAC-PapersOnLine, 2016, 49, 241-246.	0.5	2
9	Simulator for optimal scheduling of domestic appliances. IFAC-PapersOnLine, 2015, 48, 95-100.	0.5	2
10	Ontology versus Database. IFAC-PapersOnLine, 2015, 48, 220-225.	0.5	22
11	Optimal Scheduling of Domestic Appliances via MILP. Energies, 2015, 8, 217-232.	1.6	88
12	Personal Navigation Algorithms Based on Wireless Networks and Inertial Sensors. Journal of Electrical Engineering, 2014, 65, 193-202.	0.4	2
13	Wireless communications in smart metering. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 330-335.	0.4	4
14	Prepaid energy in time of Smart Metering. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 428-433.	0.4	12
15	Electric vehicles charger as a part of home area network. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 180-185.	0.4	8
16	Home Coordinator for Smart Grids. Basic theory and approaches. , 2012, , .		0
17	Interoperability in diagnostic systems. , 2012, , .		0
18	Performance evaluation of symmetric cryptography in embedded systems. , 2011, , .		26

#	ARTICLE	IF	CITATIONS
19	Virtual Automation Networks. IEEE Industrial Electronics Magazine, 2010, 4, 20-27.	2.3	11
20	Rate-Variable-Latency service curve as an extension to Network Calculus. , 2009, , .		1
21	Protocol Gateways for HART Sensors. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 194-197.	0.4	2
22	Findings on QoS Metrics of L3 Network Devices Intended for Future Factory Automation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 204-209.	0.4	0
23	Interoperability in Sensor-Actuator Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 178-183.	0.4	1
24	On Security of PAN Wireless Systems. Lecture Notes in Computer Science, 2006, , 178-185.	1.0	4
25	Smart Pressure Sensors with Next Generation Communication Interfaces. , 2005, , .		2
26	New Methods of Interconnection of Industrial Fieldbuses. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 145-147.	0.4	2
27	Wireless communication in automation. , 0, , .		14