

Grzegorz Polak \tilde{A}^3w

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

219
citations

1478280

6
h-index

1058333

14
g-index

30
all docs

30
docs citations

30
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Agent-based approach to continuous process control for enabling parallelization of engineering cycles. Concurrent Engineering Research and Applications, 2018, 26, 287-298.	2.0	1
2	Performance evaluation of redundant OPC UA architecture for process control. Transactions of the Institute of Measurement and Control, 2017, 39, 334-343.	1.1	13
3	Optical PMD 3D sensor evaluation for motion detection and tracking application. , 2016, , .		1
4	JADE environment performance evaluation for agent-based continuous process control algorithm. , 2016, , .		3
5	Agent-based approach to model-based dynamically reconfigurable control algorithm. , 2015, , .		5
6	Cooperative Engineering of Agent-Based Process Control Algorithm. Lecture Notes in Computer Science, 2015, , 197-200.	1.0	2
7	SaaS Approach to the Process Control Teaching and Engineering. Lecture Notes in Computer Science, 2014, , 303-310.	1.0	0
8	Integration of Industrial Control with Analytical Expert Measurements for Cooperative Operations. Lecture Notes in Computer Science, 2014, , 80-87.	1.0	1
9	Performance evaluation of the parallel processing producerâ€“distributorâ€“consumer network architecture. Computer Standards and Interfaces, 2013, 35, 596-604.	3.8	10
10	Methods Enabling Web-Based Learning of Control Algorithm Implementation Using Experimental Pilot-Plants. Lecture Notes in Computer Science, 2013, , 234-243.	1.0	0
11	Object-Oriented Framework for Cooperative Testing of Control Algorithms for Experimental Pilot-Plants. Lecture Notes in Computer Science, 2013, , 197-204.	1.0	3
12	IECâˆ61499-Compliant Cooperative Dynamically Reconfigurable Run-Time Environment. Lecture Notes in Computer Science, 2013, , 177-180.	1.0	0
13	AI-Based Support for Experimentation in an Environmental Biotechnological Process. Lecture Notes in Computer Science, 2012, , 155-166.	1.0	1
14	Agent-Based Control System for Sustainable Wastewater Treatment Process. Lecture Notes in Computer Science, 2012, , 202-213.	1.0	0
15	Cooperative Access to Hierarchical Data from Biotechnological Pilot-Plant. Lecture Notes in Computer Science, 2012, , 171-178.	1.0	6
16	A Survey on Applications of Agent Technology in Industrial Process Control. IEEE Transactions on Industrial Informatics, 2011, 7, 570-581.	7.2	101
17	pPDC Blackboard Broadcasting in Agent-Based Distributed Process Control. Lecture Notes in Computer Science, 2011, , 241-250.	1.0	2
18	Collaboration Support in a Web-Based SCADA System. Lecture Notes in Computer Science, 2010, , 258-261.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Initial Risk Assessment of Emergency Events in Cooperative Operating Control. Lecture Notes in Computer Science, 2010, , 81-88.	1.0	0
20	Agent-Based Framework for Distributed Real-Time Simulation of Dynamical Systems. Lecture Notes in Computer Science, 2009, , 213-222.	1.0	6
21	Web-Based Visualization of Student Cooperation during Distributed Laboratory Experimentation. Lecture Notes in Computer Science, 2009, , 317-324.	1.0	5
22	Design and Implementation of LabVIEW-Based IEC61499 Compliant Device. Lecture Notes in Computer Science, 2009, , 183-192.	1.0	3
23	ppPDC Communication Framework – A New Tool for Distributed Robotics. Lecture Notes in Computer Science, 2008, , 195-206.	1.0	4
24	Web-Based Monitoring and Visualization of Self-Organizing Process Control Agents. Lecture Notes in Computer Science, 2008, , 325-331.	1.0	3
25	A Study on Appropriate Plant Diagram Synthesis for User-Suited HMI in Operating Control. Lecture Notes in Computer Science, 2008, , 246-254.	1.0	6
26	Cooperative Internet-Based Experimentation on Semi-industrial Pilot Plants. Lecture Notes in Computer Science, 2008, , 265-272.	1.0	4
27	Agent-Based Approach for LabVIEW Developed Distributed Control Systems. Lecture Notes in Computer Science, 2007, , 21-30.	1.0	9
28	Holonic Multiagent-Based System for Distributed Control of Semi-industrial Pilot Plants. Lecture Notes in Computer Science, 2007, , 338-347.	1.0	11
29	Cooperative Validation in Distributed Control Systems Design. Lecture Notes in Computer Science, 2007, , 280-289.	1.0	11