Grzegorz PolakÃ³w

List of Publications by Year
in descending order

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	A Survey on Applications of Agent Technology in Industrial Process Control. IEEE Transactions on Industrial Informatics, 2011, 7, 570-581.	7.2	101
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	Holonic Multiagent-Based System for Distributed Control of Semi-industrial Pilot Plants. Lecture Notes in Computer Science, 2007, , 338-347.	1.0	11
4	Cooperative Validation in Distributed Control Systems Design. Lecture Notes in Computer Science, 2007, , 280-289.	1.0	11
5	Performance evaluation of the parallel processing producer–distributor–consumer network architecture. Computer Standards and Interfaces, 2013, 35, 596-604.	3.8	10
6	Agent–Based Approach for LabVIEW Developed Distributed Control Systems. Lecture Notes in Computer Science, 2007, , 21-30.	1.0	9
7	Agent-Based Framework for Distributed Real-Time Simulation of Dynamical Systems. Lecture Notes in Computer Science, 2009, , 213-222.	1.0	6
8	Cooperative Access to Hierarchical Data from Biotechnological Pilot-Plant. Lecture Notes in Computer Science, 2012, , 171-178.	1.0	6
9	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
10	Agent-based approach to model-based dynamically reconfigurable control algorithm. , 2015, , .		5
11	Web-Based Visualization of Student Cooperation during Distributed Laboratory Experimentation. Lecture Notes in Computer Science, 2009, , 317-324.	1.0	5
12	ppPDC Communication Framework – A New Tool for Distributed Robotics. Lecture Notes in Computer Science, 2008, , 195-206.	1.0	4
13	Cooperative Internet-Based Experimentation on Semi-industrial Pilot Plants. Lecture Notes in Computer Science, 2008, , 265-272.	1.0	4
14	JADE environment performance evaluation for agent-based continuous process control algorithm. , 2016, , .		3
15	Collaboration Support in a Web-Based SCADA System. Lecture Notes in Computer Science, 2010, , 258-261.	1.0	3
16	Web-Based Monitoring and Visualization of Self-Organizing Process Control Agents. Lecture Notes in Computer Science, 2008, , 325-331.	1.0	3
17	Design and Implementation of LabVIEW-Based IEC61499 Compliant Device. Lecture Notes in Computer Science, 2009, , 183-192.	1.0	3
18	Object-Oriented Framework for Cooperative Testing of Control Algorithms for Experimental Pilot-Plants. Lecture Notes in Computer Science, 2013, , 197-204.	1.0	3

#	Article	IF	Citations
19	Cooperative Engineering of Agent-Based Process Control Algorithm. Lecture Notes in Computer Science, 2015, , 197-200.	1.0	2
20	pPDC Blackboard Broadcasting in Agent-Based Distributed Process Control. Lecture Notes in Computer Science, 2011, , 241-250.	1.0	2
21	AI-Based Support for Experimentation in an Environmental Biotechnological Process. Lecture Notes in Computer Science, 2012, , 155-166.	1.0	1
22	Optical PMD 3D sensor evaluation for motion detection and tracking application. , 2016, , .		1
23	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
24	Integration of Industrial Control with Analytical Expert Measurements for Cooperative Operations. Lecture Notes in Computer Science, 2014, , 80-87.	1.0	1
25	Agent-Based Control System for Sustainable Wastewater Treatment Process. Lecture Notes in Computer Science, 2012, , 202-213.	1.0	0
26	Initial Risk Assessment of Emergency Events in Cooperative Operating Control. Lecture Notes in Computer Science, 2010, , 81-88.	1.0	0
27	Methods Enabling Web-Based Learning of Control Algorithm Implementation Using Experimental Pilot-Plants. Lecture Notes in Computer Science, 2013, , 234-243.	1.0	0
28	IECÂ61499-Compliant Cooperative Dynamically Reconfigurable Run-Time Environment. Lecture Notes in Computer Science, 2013, , 177-180.	1.0	0
29	SaaS Approach to the Process Control Teaching and Engineering. Lecture Notes in Computer Science, 2014, , 303-310.	1.0	0