

Luis Alberto Cruz Salazar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

203
citations

1651377

6
h-index

1336881

12
g-index

21
all docs

21
docs citations

21
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyber-physical production systems architecture based on multi-agent's design pattern's comparison of selected approaches mapping four agent patterns. International Journal of Advanced Manufacturing Technology, 2019, 105, 4005-4034.	1.5	74
2	Multi-agent systems to enable Industry 4.0. Automatisierungstechnik, 2020, 68, 445-458.	0.4	21
3	Platform Independent Multi-Agent System for Robust Networks of Production Systems. IFAC-PapersOnLine, 2018, 51, 1261-1268.	0.5	16
4	Comparison of agent oriented software methodologies to apply in cyber physical production systems. , 2017, , .		14
5	Automation platform independent multi-agent system for robust networks of production resources in industry 4.0. Journal of Intelligent Manufacturing, 2021, 32, 2023-2041.	4.4	14
6	Converging IoT protocols for the data integration of automation systems in the electrical industry. Journal of Electrical Systems and Information Technology, 2022, 9, .	1.2	11
7	Cyber-Physical System for Industrial Control Automation Based on the Holonic Approach and the IEC 61499 Standard. , 2018, , .		9
8	The future of industrial automation and IEC 614993 standard. , 2014, , .		8
9	Proportional Reliability of Agent-Oriented Software Engineering for the Application of Cyber Physical Production Systems. Studies in Computational Intelligence, 2018, , 139-156.	0.7	6
10	The Control of Water Distribution Systems as a Holonic System. Studies in Computational Intelligence, 2020, , 352-365.	0.7	5
11	Hierarchical Reinforcement Learning for Waypoint-based Exploration in Robotic Devices. , 2021, , .		4
12	Implementing Industrial Control Automation for Holonic Manufacturing Systems Based on the Production Unit Architecture. Studies in Computational Intelligence, 2019, , 233-246.	0.7	3
13	Low-entry Barrier Multi-Agent System for Small- and Middle-sized Enterprises in the Sector of Automated Production Systems. , 2021, , .		3
14	A CPPS-architecture and workflow for bringing agent-based technologies as a form of artificial intelligence into practice. Automatisierungstechnik, 2022, 70, 580-598.	0.4	3
15	Development and evaluation of a unified agents- and supervisory control theory based manufacturing control system. , 2018, , .		2
16	A control architecture for continuous production processes based on industry 4.0: water supply systems application. Journal of Intelligent Manufacturing, 2021, 32, 2061-2081.	4.4	2
17	Implementaci#n de redes neuronales y l#gica difusa para la clasificaci#n de patrones obtenidos por un S#nar. , 2013, , .		1
18	Identifying Design Pattern for Agent Based Production System Control. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Digital Twin in Water Supply Systems to Industry 4.0: The Holonic Production Unit. Studies in Computational Intelligence, 2021, , 42-54.	0.7	0