

CITATION REPORT

List of articles citing

Agents enabling cyber-physical production systems

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#	Paper	IF	Citations
59	Intelligent gateway for Industry 4.0-compliant production. 2016 ,		10
58	Design, modelling, simulation and integration of cyber physical systems: Methods and applications. <i>Computers in Industry</i> , 2016 , 82, 273-289	11.6	154
57	Cyber-physical systems in manufacturing. <i>CIRP Annals - Manufacturing Technology</i> , 2016 , 65, 621-641	4.9	894
56	Multi-scale approach from mechatronic to Cyber-Physical Systems for the design of manufacturing systems. <i>Computers in Industry</i> , 2017 , 86, 52-69	11.6	70
55	A configurable partial-order planning approach for field level operation strategies of PLC-based industry 4.0 automated manufacturing systems. <i>Engineering Applications of Artificial Intelligence</i> , 2017 , 66, 128-144	7.2	17
54	Implementation of an Adapted Holonic Production Architecture. <i>Procedia CIRP</i> , 2017 , 63, 138-143	1.8	12
53	Cyber Physical System (CPS)-Based Industry 4.0: A Survey. <i>Journal of Industrial Integration and Management</i> , 2017 , 02, 1750014	7.8	84
52	Interoperability rules for heterogenous multi-agent systems: Levels of conceptual interoperability model applied for multi-agent systems. 2017 ,		2
51	Agent-based approach to continuous process control for enabling parallelization of engineering cycles. <i>Concurrent Engineering Research and Applications</i> , 2018 , 26, 287-298	1.7	0
50	Control Architecture and Transport Coordination for Autonomous Logistics Modules in Flexible Automated Material Flow Systems. 2018 ,		3
49	Solving the Job-Shop Scheduling Problem in the Industry 4.0 Era. <i>Technologies</i> , 2018 , 6, 107	2.4	48
48	Potential of a Multi-Agent System Approach for Production Control in Smart Factories. <i>IFAC-PapersOnLine</i> , 2018 , 51, 1459-1464	0.7	20
47	Modelling and traceability for computationally-intensive precision engineering and metrology. <i>CIRP Annals - Manufacturing Technology</i> , 2018 , 67, 815-838	4.9	11
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45	. <i>IEEE Access</i> , 2019 , 7, 97052-97093	3.5	49
44	Attribute-based identification processes for autonomous manufacturing systems An approach for the integration in factory planning methods. <i>Procedia CIRP</i> , 2019 , 79, 204-209	1.8	2
43	Approach for an event-driven production control for cyber-physical production systems. <i>Procedia CIRP</i> , 2019 , 79, 349-354	1.8	8

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41	The model-based product agent: A control oriented architecture for intelligent products in multi-agent manufacturing systems. <i>Control Engineering Practice</i> , 2019 , 86, 105-117	3.9	32
40	Standardized Framework for Evaluating Centralized and Decentralized Control Systems in Modular Assembly Systems. 2019 ,		6
39	Adaptive Production Control in a Modular Assembly System \square Towards an Agent-based Approach. 2019 ,		2
38	Simulation-based Analysis of the Interaction of a Physical and a Digital Twin in a Cyber-Physical Production System. <i>IFAC-PapersOnLine</i> , 2019 , 52, 1331-1336	0.7	8
37	Adaptive Production Control with Negotiating Agents in Modular Assembly Systems. 2019 ,		5
36	Simulation of Smart Factory Processes Applying Multi-Agent-Systems \square Knowledge Management Perspective. <i>Journal of Manufacturing and Materials Processing</i> , 2020 , 4, 89	2.2	4
35	Deep Quality Assessment of a Solar Reflector Based on Synthetic Data: Detecting Surficial Defects from Manufacturing and Use Phase. <i>Sensors</i> , 2020 , 20,	3.8	10
34	Concept and engineering development of cyber physical production systems: a systematic literature review. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 111, 243-261	3.2	14
33	. <i>IEEE Access</i> , 2020 , 8, 71050-71073	3.5	49
32	Ontology Building for CyberPhysical Systems: Application in the Manufacturing Domain. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 17, 1266-1282	4.9	17
31	Information modeling for cyber-physical production system based on digital twin and AutomationML. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 107, 1927-1945	3.2	38
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15	Implementation of Industrial Internet of Things and Cyber-Physical Systems in SMEs for Distributed and Service-Oriented Control. 2020 , 73-103		3
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12	SUDIHA; Holonique Architecture using Kanban Card to dynamic scheduling in Manufacturing. 2021 ,		0
11	Cooperative Product Agents to Improve Manufacturing System Flexibility: A Model-Based Decision Framework. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022 , 1-18	4.9	2
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- 5 Content Analysis of Articles on Cyber-Physical Manufacturing Systems Published in SCI and SCI Expanded Indexed Journals Between 2015-2021. 205-230
- 4 A cooperative approach to avoiding obstacles and collisions between autonomous industrial vehicles in a simulation platform. **2022,** 1-22 ○
- 3 CYBER-PHYSICAL SYSTEMS TECHNOLOGIES AS A KEY FACTOR IN THE PROCESS OF INDUSTRY 4.0 AND SMART MANUFACTURING DEVELOPMENT. **2021,** 17, 84-99 ○
- 2 Decentralized learning multi-agent system for online machine shop scheduling problem. **2023,** 67, 338-360 ○
- 1 A hierarchical structure of cyber-physical production systems based on heterogeneous multi-agent systems. **2022,** ○