

Theodor Borangiu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

621
citations

759233

12
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud Networked Models of Knowledge-Based Intelligent Control Towards Manufacturing as a Service. <i>Studies in Computational Intelligence</i> , 2021, , 3-40.	0.9	1
2	Machine learning for predictive scheduling and resource allocation in large scale manufacturing systems. <i>Computers in Industry</i> , 2020, 120, 103244.	9.9	103
3	Modelling Service Processes as Discrete Event Systems with ARTI-Type Holonic Control Architecture. <i>Lecture Notes in Business Information Processing</i> , 2020, , 377-390.	1.0	0
4	Digital transformation of manufacturing through cloud services and resource virtualization. <i>Computers in Industry</i> , 2019, 108, 150-162.	9.9	120
5	A cloud-based manufacturing control system with data integration from multiple autonomous agents. <i>Computers in Industry</i> , 2018, 102, 50-61.	9.9	30
6	Managing Patient Observation Sheets in Hospitals Using Cloud Services. <i>Lecture Notes in Business Information Processing</i> , 2018, , 358-370.	1.0	0
7	Resource scheduling based on energy consumption for sustainable manufacturing. <i>Journal of Intelligent Manufacturing</i> , 2017, 28, 1519-1530.	7.3	43
8	Introduction to the Special Issue on Exploring Service Science for Data-Driven Service Design and Innovation. <i>Service Science</i> , 2017, 9, v-x.	1.3	8
9	A Discrete Event Model of Viability Building in a Public University Organization. <i>Service Science</i> , 2017, 9, 288-301.	1.3	1
10	Service Orientation of Environment Control Processes. <i>Lecture Notes in Business Information Processing</i> , 2017, , 383-396.	1.0	2
11	Shop-floor resource virtualization layer with private cloud support. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 447-462.	7.3	16
12	Redundancy and scalability for virtualized MES systems with programmable infrastructure. <i>Computers in Industry</i> , 2016, 81, 26-35.	9.9	10
13	On a Qualitative Game Theoretic Approach of Teacher-Student Interaction in a Public Higher Education Service System. <i>Lecture Notes in Business Information Processing</i> , 2016, , 15-29.	1.0	4
14	Service Oriented Mechanisms for Smart Resource Allocation in Private Manufacturing Clouds. <i>Lecture Notes in Business Information Processing</i> , 2016, , 367-383.	1.0	2
15	Switching mode control strategy in manufacturing execution systems. <i>International Journal of Production Research</i> , 2015, 53, 1950-1963.	7.5	28
16	vMES: Virtualization aware manufacturing execution system. <i>Computers in Industry</i> , 2015, 67, 27-37.	9.9	26
17	Distributed manufacturing control with extended CNP interaction of intelligent products. <i>Journal of Intelligent Manufacturing</i> , 2014, 25, 1065-1075.	7.3	50
18	A Generic Service System Activity Model with Event-Driven Operation Reconfiguring Capability. <i>Studies in Computational Intelligence</i> , 2014, , 159-175.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Customer order management in service oriented holonic manufacturing. Computers in Industry, 2013, 64, 1061-1072.	9.9	27
20	Personal Rapid Transit in an open-control framework. Computers and Industrial Engineering, 2011, 61, 300-312.	6.3	28
21	An implementing framework for holonic manufacturing control with multiple robot-vision stations. Engineering Applications of Artificial Intelligence, 2009, 22, 505-521.	8.1	57