

# Theodor Borangiu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4694232/publications.pdf>

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	Digital transformation of manufacturing through cloud services and resource virtualization. Computers in Industry, 2019, 108, 150-162.	9.9	120
2	Machine learning for predictive scheduling and resource allocation in large scale manufacturing systems. Computers in Industry, 2020, 120, 103244.	9.9	103
3	An implementing framework for holonic manufacturing control with multiple robot-vision stations. Engineering Applications of Artificial Intelligence, 2009, 22, 505-521.	8.1	57
4	Distributed manufacturing control with extended CNP interaction of intelligent products. Journal of Intelligent Manufacturing, 2014, 25, 1065-1075.	7.3	50
5	Resource scheduling based on energy consumption for sustainable manufacturing. Journal of Intelligent Manufacturing, 2017, 28, 1519-1530.	7.3	43
6	A cloud-based manufacturing control system with data integration from multiple autonomous agents. Computers in Industry, 2018, 102, 50-61.	9.9	30
7	Personal Rapid Transit in an open-control framework. Computers and Industrial Engineering, 2011, 61, 300-312.	6.3	28
8	Switching mode control strategy in manufacturing execution systems. International Journal of Production Research, 2015, 53, 1950-1963.	7.5	28
9	Customer order management in service oriented holonic manufacturing. Computers in Industry, 2013, 64, 1061-1072.	9.9	27
10	vMES: Virtualization aware manufacturing execution system. Computers in Industry, 2015, 67, 27-37.	9.9	26
11	Shop-floor resource virtualization layer with private cloud support. Journal of Intelligent Manufacturing, 2016, 27, 447-462.	7.3	16
12	Redundancy and scalability for virtualized MES systems with programmable infrastructure. Computers in Industry, 2016, 81, 26-35.	9.9	10
13	Introduction to the Special Issue on Exploring Service Science for Data-Driven Service Design and Innovation. Service Science, 2017, 9, v-x.	1.3	8
14	A Generic Service System Activity Model with Event-Driven Operation Reconfiguring Capability. Studies in Computational Intelligence, 2014, , 159-175.	0.9	8
15	On a Qualitative Game Theoretic Approach of Teacher-Student Interaction in a Public Higher Education Service System. Lecture Notes in Business Information Processing, 2016, , 15-29.	1.0	4
16	Service Oriented Mechanisms for Smart Resource Allocation in Private Manufacturing Clouds. Lecture Notes in Business Information Processing, 2016, , 367-383.	1.0	2
17	Service Orientation of Environment Control Processes. Lecture Notes in Business Information Processing, 2017, , 383-396.	1.0	2
18	A Discrete Event Model of Viability Building in a Public University Organization. Service Science, 2017, 9, 288-301.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Cloud Networked Models of Knowledge-Based Intelligent Control Towards Manufacturing as a Service. Studies in Computational Intelligence, 2021, , 3-40.	0.9	1
20	Managing Patient Observation Sheets in Hospitals Using Cloud Services. Lecture Notes in Business Information Processing, 2018, , 358-370.	1.0	0
21	Modelling Service Processes as Discrete Event Systems with ARTI-Type Holonic Control Architecture. Lecture Notes in Business Information Processing, 2020, , 377-390.	1.0	0