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List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Scan Strategies and Use of Support Structures on Surface Quality and Hardness of L-PBF AlSi10Mg Parts. <i>Materials</i> , 2020, 13, 2248.	2.9	27
2	A simulation-based framework for checkpoint design in large-scale crowd management: Case study of the papal mass in philadelphia. <i>Safety Science</i> , 2020, 127, 104701.	4.9	6
3	Ontology Model for Process Level Capabilities of Manufacturing Resources. <i>Procedia Manufacturing</i> , 2019, 39, 1889-1898.	1.9	21
4	Data-Driven Simulation Model of Operating Rooms in Hospital. <i>Procedia Manufacturing</i> , 2019, 39, 371-380.	1.9	3
5	Comparative Analysis of Cell formation Algorithms with Alternative Routings. <i>Procedia Manufacturing</i> , 2019, 39, 1029-1037.	1.9	0
6	Metrics to gauge the success of a manufacturing ontology. <i>Procedia Manufacturing</i> , 2019, 38, 1678-1682.	1.9	0
7	On Semantic Interoperability of Model-based Definition of Product Design. <i>Procedia Manufacturing</i> , 2019, 38, 513-523.	1.9	6
8	Process Sequencing for Features with Multiple Processing Requirements. <i>Procedia Manufacturing</i> , 2019, 38, 726-734.	1.9	3
9	SIMPM – Upper-level ontology for manufacturing process plan network generation. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019, 55, 183-198.	9.9	33
10	Application of Group Technology in a Production of Cardboard Packaging and Printed Papers. <i>Annals of DAAAM & Proceedings</i> , 2019, , 0348-0352.	0.1	0
11	Development and evaluation of feature-focused dynamic routing policy. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 15-28.	3.0	1
12	IMPlanner-MAS: A Multiagent System for Distributed Manufacturing Process Planning. <i>Procedia Manufacturing</i> , 2018, 26, 1242-1254.	1.9	5
13	Conversion of the SCARA Robot into a Hybrid Manufacturing Workstation. <i>Procedia Manufacturing</i> , 2018, 17, 62-69.	1.9	8
14	Machine Learning Approaches to Learning Heuristics for Combinatorial Optimization Problems. <i>Procedia Manufacturing</i> , 2018, 17, 102-109.	1.9	6
15	3D Printed Composite Keyboard Switches. <i>Procedia Manufacturing</i> , 2018, 17, 357-362.	1.9	1
16	Multi-agent System for Cloud Manufacturing Process Planning. <i>Procedia Manufacturing</i> , 2018, 17, 435-443.	1.9	11
17	Data-driven Simulation Modelling for Progressive Care Units in Hospitals. <i>Procedia Manufacturing</i> , 2018, 17, 819-826.	1.9	4
18	Process Sequencing Problem in Distributed Manufacturing Process Planning. <i>Springer Optimization and Its Applications</i> , 2018, , 293-324.	0.9	1

#	ARTICLE	IF	CITATIONS
19	RULE BASED PROCESS SELECTION OF MILLING PROCESSES BASED ON GD&T REQUIREMENTS. Journal of Production Engineering, 2018, 21, 19-26.	0.1	6
20	Hierarchical Sequencing of Operations with Consideration of Setups. Procedia Manufacturing, 2017, 11, 1846-1855.	1.9	2
21	A flexible simulation model aimed to improve inpatient units in health care. , 2017, , .		2
22	Hierarchical simulation modelling of distribution centers. , 2017, , .		0
23	Foundation Ontology for Distributed Manufacturing Process Planning. , 2016, , .		3
24	Sequencing of Setups in Automated Setup and Fixture Planning. Procedia Manufacturing, 2016, 5, 41-57.	1.9	3
25	Multiple customer order decoupling points within a hybrid MTS/MTO manufacturing supply chain with uncertain demands in two consecutive echelons. Opsearch, 2016, 53, 976-997.	1.8	8
26	Correlation of job-shop scheduling problem features with scheduling efficiency. Expert Systems With Applications, 2016, 62, 131-147.	7.6	39
27	Comparative study of Constructive and Improvement Algorithms for Cell Formation with Alternative Routings. IFAC-PapersOnLine, 2015, 48, 861-868.	0.9	1
28	Recognition of interacting volumetric features using 2D hints. Assembly Automation, 2010, 30, 131-141.	1.7	3
29	Integration of product design, process planning, scheduling, and FMS control using XML data representation. Robotics and Computer-Integrated Manufacturing, 2010, 26, 583-595.	9.9	33
30	Problem space search algorithm for manufacturing cell formation with alternative process plans. International Journal of Production Research, 2008, 46, 345-369.	7.5	6
31	Integration of Rule-based Process Selection with Virtual Machining for Distributed Manufacturing Planning. , 2007, , 61-90.		9
32	Virtual manufacturing of milling operations with multiple tool paths. International Journal of Manufacturing Technology and Management, 2006, 9, 237.	0.1	4
33	Rule-Based Process Selection of Hole Making Operations for Integrated Process Planning. , 2005, , 983.		2
34	Generation of alternative process plans in integrated manufacturing systems. Journal of Intelligent Manufacturing, 2003, 14, 509-526.	7.3	63
35	A hierarchical cost estimation tool. Computers in Industry, 2003, 50, 293-302.	9.9	30
36	Modeling of manufacturing feature interactions for automated process planning. Journal of Manufacturing Systems, 2000, 19, 28-45.	13.9	37

#	ARTICLE	IF	CITATIONS
37	An integrated process planning system using feature reasoning and space search-based optimization. IIE Transactions, 1999, 31, 597-616.	2.1	33
38	An integrated process planning system using feature reasoning and space search-based optimization. IIE Transactions, 1999, 31, 597-616.	2.1	16
39	Process sequencing and process clustering in process planning using state space search. Journal of Intelligent Manufacturing, 1996, 7, 189-200.	7.3	18
40	A COST BASED SYSTEM FOR CONCURRENT PART AND PROCESS DESIGN. Engineering Economist, 1994, 40, 101-124.	1.1	24
41	The methodology for design of effective computer-integrated manufacturing systems. Robotics and Computer-Integrated Manufacturing, 1990, 7, 279-290.	9.9	1