

Alojzij Sluga

List of Publications by Year in descending order

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29
papers

617
citations

686830

13
h-index

642321

23
g-index

29
all docs

29
docs citations

29
times ranked

602
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalability in manufacturing systems design and operation: State-of-the-art and future developments roadmap. CIRP Annals - Manufacturing Technology, 2013, 62, 751-774.	1.7	147
2	Design of grinding factors based on response surface methodology. Journal of Materials Processing Technology, 2005, 162-163, 629-636.	3.1	64
3	Condition monitoring and fault diagnostics for hydropower plants. Computers in Industry, 2014, 65, 924-936.	5.7	54
4	A Conceptual Framework for Collaborative Design and Operations of Manufacturing Work Systems. CIRP Annals - Manufacturing Technology, 2005, 54, 437-440.	1.7	36
5	A multi-agent approach to process planning and fabrication in distributed manufacturing. Computers and Industrial Engineering, 1998, 35, 455-458.	3.4	35
6	Autonomous Work Systems in Manufacturing Networks. CIRP Annals - Manufacturing Technology, 2006, 55, 521-524.	1.7	32
7	A quality management model based on the "deep quality concept". International Journal of Quality and Reliability Management, 2005, 22, 278-302.	1.3	27
8	Chaordic Systems Thinking for Novelty in Contemporary Manufacturing. CIRP Annals - Manufacturing Technology, 2007, 56, 447-450.	1.7	25
9	Dynamic structuring of distributed manufacturing systems. Advanced Engineering Informatics, 2002, 16, 127-133.	4.0	22
10	Stereo vision based measuring system for online welding path inspection. Journal of Materials Processing Technology, 2015, 223, 328-336.	3.1	20
11	A Conceptual Framework for the Collaborative Modeling of Networked Manufacturing Systems. Concurrent Engineering Research and Applications, 2008, 16, 103-114.	2.0	17
12	Virtual environments for dynamically reconfigurable Concurrent/Collaborative Engineering "virtual" teams. CIRP Annals - Manufacturing Technology, 2008, 57, 171-174.	1.7	16
13	Decentralised network architecture for cloud manufacturing. International Journal of Computer Integrated Manufacturing, 0, , 1-14.	2.9	14
14	Self-organization in a distributed manufacturing system based on constraint logic programming. CIRP Annals - Manufacturing Technology, 2001, 50, 323-326.	1.7	13
15	Statistical Process Control as a Service: An Industrial Case Study. Procedia CIRP, 2013, 7, 401-406.	1.0	13
16	Machine learning applied to quality management – A study in ship repair domain. Computers in Industry, 2007, 58, 464-473.	5.7	12
17	A conceptual framework for a ubiquitous autonomous work system in the Engineer-To-Order environment. International Journal of Advanced Manufacturing Technology, 2015, 78, 1971-1988.	1.5	12
18	An attempt to implement expert system techniques in CAPP. Robotics and Computer-Integrated Manufacturing, 1988, 4, 77-82.	6.1	11

#	ARTICLE	IF	CITATIONS
19	A service network for the support of manufacturing operations. International Journal of Computer Integrated Manufacturing, 2012, 25, 790-803.	2.9	11
20	Machine learning approach to machinability analysis. Computers in Industry, 1998, 37, 185-196.	5.7	8
21	Energy efficient communication based on self-organisation of IoT devices for material flow tracking. CIRP Annals - Manufacturing Technology, 2019, 68, 495-498.	1.7	7
22	Towards Ubiquitous Production Systems and Enterprises. , 2007, , .		6
23	Reconfigurability Of Manufacturing Systems For Agility Implementation. , 2007, , 91-98.		6
24	Hybrid Self-Organization Based Facility Layout Planning. Strojniski Vestnik/Journal of Mechanical Engineering, 2014, 60, 789-796.	0.6	5
25	Quality monitoring service for distributed manufacturing systems. International Journal of Computer Integrated Manufacturing, 2015, 28, 639-649.	2.9	3
26	Contribution to Development of a Generative CAPP-System Based on Manufacturing Process Topology. CIRP Annals - Manufacturing Technology, 1989, 38, 407-412.	1.7	1
27	Production Resource Search Using the Viral Phenomenon: Concept Introduction. Procedia CIRP, 2014, 25, 177-184.	1.0	0
28	Assessing Feasibility of Operations and Maintenance Automation â€“ A Case of Small Hydropower Plants. Procedia CIRP, 2015, 37, 164-169.	1.0	0
29	Reconfigurability Of Manufacturing Systems For Agility Implementation. , 2007, , 99-106.		0