

Melik Dolen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

142
citations

1684188

5
h-index

1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Current trends and research opportunities in hybrid additive manufacturing. International Journal of Advanced Manufacturing Technology, 2021, 113, 623-648.	3.0	52
2	Multi-objective feasibility enhanced particle swarm optimization. Engineering Optimization, 2018, 50, 2013-2037.	2.6	28
3	New morphological methods to generate two-dimensional curve offsets. International Journal of Advanced Manufacturing Technology, 2014, 71, 1687-1700.	3.0	9
4	Feasibility enhanced particle swarm optimization for constrained mechanical design problems. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 381-400.	2.1	8
5	A new hardware-in-the-loop simulator for control engineering education. , 2014, , .		7
6	General Methodologies for Neural Network Programming. International Journal of Smart Engineering System Design, 2002, 4, 63-73.	0.2	5
7	A gradient-based morphological method to produce planar curve offsets. International Journal of Advanced Manufacturing Technology, 2015, 80, 255-274.	3.0	5
8	Generation of patterned indentations for additive manufacturing technologies. IISE Transactions, 2019, 51, 209-217.	2.4	5
9	A New Method for Generating Image Projections in DLP-type 3D Printer Systems. Procedia Manufacturing, 2017, 11, 490-500.	1.9	4
10	A novel command generation paradigm for production machine systems. Robotics and Computer-Integrated Manufacturing, 2018, 51, 25-36.	9.9	4
11	A novel command generation method with variable feedrate utilizing FGPA for motor drives. , 2010, , .		3
12	Experimental evaluation of cable-drum systems as linear motion sensors. , 2011, , .		3
13	Prediction of slip in cable-drum systems using structured neural networks. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2014, 228, 441-456.	2.1	3
14	A command generation approach for desktop fused filament fabrication 3D printers. , 2016, , .		2
15	Recurrent Neural Network Topologies for Spectral State Estimation and Differentiation. International Journal of Smart Engineering System Design, 2002, 4, 75-89.	0.2	1
16	A measurement probe for coordinate measuring machines based on GMR technology. , 2013, , .		1
17	Utilization of curve offsets in additive manufacturing. AIP Conference Proceedings, 2018, , .	0.4	1
18	Toward a Simple Design and Manufacturing Pipeline for Additive Manufacturing. IEEE Access, 2021, 9, 107224-107234.	4.2	1

#	ARTICLE	IF	CITATIONS
19	Evaluation of compression algorithms for motion command generation. , 2011, , .		0