

J Jerald

List of Publications by Year in descending order

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16
papers

515
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Scheduling optimisation of flexible manufacturing systems using particle swarm optimisation algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2005, 25, 964-971.	3.0	86
2	A Review on Current Research Aspects in Tool-Based Micromachining Processes. <i>Materials and Manufacturing Processes</i> , 2014, 29, 1291-1337.	4.7	81
3	Simultaneous scheduling of parts and automated guided vehicles in an FMS environment using adaptive genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 29, 584-589.	3.0	74
4	Scheduling of machines and automated guided vehicles in FMS using differential evolution. <i>International Journal of Production Research</i> , 2010, 48, 4683-4699.	7.5	65
5	Simultaneous scheduling of parts and automated guided vehicles in an FMS environment using adaptive genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 29, 584-589.	3.0	49
6	Experimental investigation on performance of additive mixed dielectric during micro-electric discharge drilling on 316L stainless steel. <i>Materials and Manufacturing Processes</i> , 2017, 32, 638-644.	4.7	39
7	Effects of electrode materials on performance measures of electrical discharge micro-machining. <i>Materials and Manufacturing Processes</i> , 2018, 33, 606-615.	4.7	28
8	Tool speed and polarity effects in micro-EDM drilling of 316L stainless steel. <i>Production and Manufacturing Research</i> , 2017, 5, 99-117.	1.5	21
9	Process parameters optimization for micro end-milling operation for CAPP applications. <i>Neural Computing and Applications</i> , 2014, 25, 1941-1950.	5.6	14
10	An intelligent process planning system for micro turn-mill parts. <i>International Journal of Production Research</i> , 2014, 52, 6052-6075.	7.5	11
11	Ontological model-based optimal determination of geometric tolerances in an assembly using the hybridised neural network and Genetic algorithm. <i>Journal of Engineering Design</i> , 2019, 30, 180-198.	2.3	10
12	Analysis of factors influencing deflection in sandwich panels subjected to low-velocity impact. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 52, 433-441.	3.0	9
13	Experimental investigation and optimisation of process parameters in micro-electrical discharge machining. <i>International Journal of Manufacturing Technology and Management</i> , 2013, 27, 88.	0.1	9
14	Feature-based modelling and process parameters selection in a CAPP system for prismatic micro parts. <i>International Journal of Computer Integrated Manufacturing</i> , 0, , 1-17.	4.6	9
15	An explicit methodology for manufacturing cost-tolerance modeling and optimization using the neural network integrated with the genetic algorithm. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2020, 34, 430-443.	1.1	8
16	An intelligent constitutive and collaborative framework by integrating the design, inspection and testing activities using a cloud platform. <i>International Journal of Computer Integrated Manufacturing</i> , 2020, 33, 440-459.	4.6	2