

Paul Xirouchakis

List of Publications by Year in descending order

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27
papers

1,329
citations

430442

18
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Sensor Signal Feature Extraction and Pattern Recognition for Wire EDM Process Monitoring. <i>Procedia CIRP</i> , 2016, 42, 34-39.	1.0	16
2	Wire EDM Monitoring for Zero-defect Manufacturing based on Advanced Sensor Signal Processing. <i>Procedia CIRP</i> , 2015, 33, 315-320.	1.0	29
3	Degradation mode and criticality analysis based on product usage data. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 78, 1727-1742.	1.5	6
4	Design modification supporting method based on product usage data in closed-loop PLM. <i>International Journal of Computer Integrated Manufacturing</i> , 2015, 28, 551-568.	2.9	38
5	A holistic production planning approach in a reconfigurable manufacturing system with energy consumption and environmental effects. <i>International Journal of Computer Integrated Manufacturing</i> , 2015, 28, 379-394.	2.9	56
6	A production planning in highly automated manufacturing system considering multiple process plans with different energy requirements. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 70, 853-867.	1.5	30
7	Selection of optimal cutting conditions for pocket milling using genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 66, 1943-1958.	1.5	14
8	Mechanical load distribution along the main cutting edges in drilling. <i>Journal of Materials Processing Technology</i> , 2013, 213, 245-260.	3.1	52
9	Green Computing as an Ecological Aid in Industry. , 2012, , 132-145.		0
10	Optimal selection of cutting parameters in multi-tool milling operations using a genetic algorithm. <i>International Journal of Production Research</i> , 2011, 49, 3045-3068.	4.9	24
11	Experimental analysis of drilling fiber reinforced composites. <i>International Journal of Machine Tools and Manufacture</i> , 2011, 51, 937-946.	6.2	130
12	A decision support method for product conceptual design considering product lifecycle factors and resource constraints. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 52, 865-886.	1.5	12
13	A multi-criteria decision method for sustainability assessment of the use phase of machine tool systems. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 53, 811-828.	1.5	67
14	Evaluating the use phase energy requirements of a machine tool system. <i>Journal of Cleaner Production</i> , 2011, 19, 699-711.	4.6	240
15	Capacitated disassembly scheduling with random demand. <i>International Journal of Production Research</i> , 2010, 48, 7177-7194.	4.9	58
16	FEM-based prediction of workpiece transient temperature distribution and deformations during milling. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 42, 429-449.	1.5	33
17	An intelligent system for predicting HPDC process variables in interactive environment. <i>Journal of Materials Processing Technology</i> , 2008, 203, 72-79.	3.1	35
18	Finite element method based machining simulation environment for analyzing part errors induced during milling of thin-walled components. <i>International Journal of Machine Tools and Manufacture</i> , 2008, 48, 629-643.	6.2	169

#	ARTICLE	IF	CITATIONS
19	Fuzzy Outranking Methods: Recent Developments. Springer Optimization and Its Applications, 2008, , 119-157.	0.6	7
20	Research issues on closed-loop PLM. Computers in Industry, 2007, 58, 855-868.	5.7	170
21	Dynamics analysis of a 3-DOF parallel manipulator with R&P&S joint structure. Mechanism and Machine Theory, 2007, 42, 541-557.	2.7	46
22	Disassembly scheduling with capacity constraints: Minimizing the number of products disassembled. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2006, 220, 1473-1481.	1.5	18
23	Kinematics of a 3-DOF parallel manipulator with an R-P-S joint structure. Robotica, 2005, 23, 207-217.	1.3	26
24	Construction of global fuzzy preference structures from two-parameter single-criterion fuzzy outranking relations. Fuzzy Sets and Systems, 2005, 153, 303-330.	1.6	8
25	Construction of a two-parameters fuzzy outranking relation from fuzzy evaluations. Fuzzy Sets and Systems, 2004, 143, 391-412.	1.6	20
26	A Petri net model for integrated process and job shop production planning. Journal of Intelligent Manufacturing, 2000, 11, 191-207.	4.4	25
27	Green Computing as an Ecological Aid in Industry. , 0, , 1903-1915.		0