

# Paul Xirouchakis

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Evaluating the use phase energy requirements of a machine tool system. Journal of Cleaner Production, 2011, 19, 699-711.	4.6	240
2	Research issues on closed-loop PLM. Computers in Industry, 2007, 58, 855-868.	5.7	170
3	Finite element method based machining simulation environment for analyzing part errors induced during milling of thin-walled components. International Journal of Machine Tools and Manufacture, 2008, 48, 629-643.	6.2	169
4	Experimental analysis of drilling fiber reinforced composites. International Journal of Machine Tools and Manufacture, 2011, 51, 937-946.	6.2	130
5	A multi-criteria decision method for sustainability assessment of the use phase of machine tool systems. International Journal of Advanced Manufacturing Technology, 2011, 53, 811-828.	1.5	67
6	Capacitated disassembly scheduling with random demand. International Journal of Production Research, 2010, 48, 7177-7194.	4.9	58
7	A holistic production planning approach in a reconfigurable manufacturing system with energy consumption and environmental effects. International Journal of Computer Integrated Manufacturing, 2015, 28, 379-394.	2.9	56
8	Mechanical load distribution along the main cutting edges in drilling. Journal of Materials Processing Technology, 2013, 213, 245-260.	3.1	52
9	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
10	Design modification supporting method based on product usage data in closed-loop PLM. International Journal of Computer Integrated Manufacturing, 2015, 28, 551-568.	2.9	38
11	An intelligent system for predicting HPDC process variables in interactive environment. Journal of Materials Processing Technology, 2008, 203, 72-79.	3.1	35
12	FEM-based prediction of workpiece transient temperature distribution and deformations during milling. International Journal of Advanced Manufacturing Technology, 2009, 42, 429-449.	1.5	33
13	A production planning in highly automated manufacturing system considering multiple process plans with different energy requirements. International Journal of Advanced Manufacturing Technology, 2014, 70, 853-867.	1.5	30
14	Wire EDM Monitoring for Zero-defect Manufacturing based on Advanced Sensor Signal Processing. Procedia CIRP, 2015, 33, 315-320.	1.0	29
15	Kinematics of a 3-DOF parallel manipulator with an R-P-S joint structure. Robotica, 2005, 23, 207-217.	1.3	26
16	A Petri net model for integrated process and job shop production planning. Journal of Intelligent Manufacturing, 2000, 11, 191-207.	4.4	25
17	Optimal selection of cutting parameters in multi-tool milling operations using a genetic algorithm. International Journal of Production Research, 2011, 49, 3045-3068.	4.9	24
18	Construction of a two-parameters fuzzy outranking relation from fuzzy evaluations. Fuzzy Sets and Systems, 2004, 143, 391-412.	1.6	20

#	ARTICLE	IF	CITATIONS
19	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
20	Advanced Sensor Signal Feature Extraction and Pattern Recognition for Wire EDM Process Monitoring. Procedia CIRP, 2016, 42, 34-39.	1.0	16
21	Selection of optimal cutting conditions for pocket milling using genetic algorithm. International Journal of Advanced Manufacturing Technology, 2013, 66, 1943-1958.	1.5	14
22	A decision support method for product conceptual design considering product lifecycle factors and resource constraints. International Journal of Advanced Manufacturing Technology, 2011, 52, 865-886.	1.5	12
23	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
24	Fuzzy Outranking Methods: Recent Developments. Springer Optimization and Its Applications, 2008, , 119-157.	0.6	7
25	Degradation mode and criticality analysis based on product usage data. International Journal of Advanced Manufacturing Technology, 2015, 78, 1727-1742.	1.5	6
26	Green Computing as an Ecological Aid in Industry. , 2012, , 132-145.		0
27	Green Computing as an Ecological Aid in Industry. , 0, , 1903-1915.		0