

Payam Haghghi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

123
citations

1307594

7
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Interoperability of CAD geometry and product manufacturing information for computer integrated manufacturing. International Journal of Computer Integrated Manufacturing, 2020, 33, 116-132.	4.6	20
2	Knowledge based design advisory system for multi-material joining. Journal of Manufacturing Systems, 2019, 52, 253-263.	13.9	10
3	Automated cross-sectional shape recovery of 3D branching structures from point cloud. Journal of Computational Design and Engineering, 2018, 5, 368-378.	3.1	6
4	Comparative Study of Tolerance Analysis Methods Applied to a Complex Assembly. Procedia CIRP, 2018, 75, 208-213.	1.9	11
5	Incorporating Manufacturing Constraints in Topology Optimization Methods: A Survey. , 2017, , .		10
6	The Set-Up-Map for Automating the Positioning of Castings and Weldments in Fixtures to Ensure Completely Machined Surfaces. , 2016, , .		0
7	Method for automating digital fixture-setups that are optimal for machining castings to minimize scrap. Journal of Manufacturing Systems, 2016, 40, 15-24.	13.9	6
8	A Framework for Explicating Formal Geometrical and Dimensional Tolerances Schema From Manufacturing Process Plans for Three-Dimensional Conformance Analysis. Journal of Computing and Information Science in Engineering, 2015, 15, .	2.7	7
9	Toward Automatic Tolerancing of Mechanical Assemblies: First-Order GD&T Schema Development and Tolerance Allocation. Journal of Computing and Information Science in Engineering, 2015, 15, .	2.7	21
10	Development of a library of feature fitting algorithms for CMMs. International Journal of Precision Engineering and Manufacturing, 2015, 16, 2101-2113.	2.2	11
11	Automatic Detection of Directions of Dimensional Control in Mechanical Parts. , 2014, , .		4
12	Library of T-Maps for Dimensional and Geometric Tolerances. , 2014, , .		2
13	Automatic Detection and Extraction of Tolerance Stacks in Mechanical Assemblies. , 2014, , .		4
14	Toward Automatic Tolerancing of Mechanical Assemblies: Assembly Analyses. Journal of Computing and Information Science in Engineering, 2014, 14, .	2.7	10
15	Preliminary Investigation on Generating an Explicit GD&T Scheme From a Process Plan. , 2013, , .		1