

Hossein Gohari Bahabadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9489248/publications.pdf>

Version: 2024-02-01

13
papers

176
citations

1307594

7
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	A quick deviation zone fitting in coordinate metrology of NURBS surfaces using principle component analysis. Measurement: Journal of the International Measurement Confederation, 2016, 92, 352-364.	5.0	30
2	Developing Topology Optimization with Additive Manufacturing Constraints in ANSYS®. IFAC-PapersOnLine, 2018, 51, 1359-1364.	0.9	29
3	A Digital Twin for Integrated Inspection System in Digital Manufacturing. IFAC-PapersOnLine, 2019, 52, 182-187.	0.9	28
4	An efficient methodology for slicing NURBS surfaces using multi-step methods. International Journal of Advanced Manufacturing Technology, 2018, 95, 3111-3125.	3.0	26
5	Using Multistep Methods in Slicing 2 ½ Dimensional Parametric Surfaces for Additive Manufacturing Applications. IFAC-PapersOnLine, 2016, 49, 67-72.	0.9	21
6	Adaptive variable layer thickness and perimetral offset planning for layer-based additive manufacturing processes. International Journal of Computer Integrated Manufacturing, 2021, 34, 964-974.	4.6	16
7	Intelligent Process Planning for Additive Manufacturing. IFAC-PapersOnLine, 2019, 52, 218-223.	0.9	11
8	Producing High Precision Additive Manufacturing Parts by Direct Printing of NURBS Surfaces. , 2020, , .		4
9	Versatility of Simulated Annealing with Crystallization Heuristic: Its Application to a Great Assortment of Problems. , 0, , .		3
10	3D Printable Pneumatic Valves for Rapidly Manufacturable Mechanical Ventilator Amid Covid-19 Outbreak. , 2020, , .		3
11	Finding optimal correspondence sets for large digital metrology point clouds using anisotropic diffusion analogy. International Journal of Computer Integrated Manufacturing, 0, , 1-21.	4.6	2
12	Using Feedback Strategies in Simulated Annealing with Crystallization Heuristic and Applications. Applied Sciences (Switzerland), 2021, 11, 11814.	2.5	2
13	Improving Geometric Tolerances in 3D Printable Pneumatic Valves Designed for Respiratory Mechanical Ventilators Amid Covid-19 Pandemic. IFAC-PapersOnLine, 2021, 54, 1053-1058.	0.9	1