

Evripides G Loukaides

List of Publications by Year in descending order

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21
papers

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1040056

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docs citations

21
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	From art to part: Learning from the traditional smith in developing flexible sheet metal forming processes. <i>Journal of Materials Processing Technology</i> , 2022, 299, 117337.	6.3	10
2	Multiple ply preforming of non-crimp fabrics with distributed magnetic clamping. <i>Composites Communications</i> , 2022, 31, 101107.	6.3	4
3	Producing isolated shrink corners by folding-shearing. <i>CIRP Annals - Manufacturing Technology</i> , 2022, 71, 217-220.	3.6	2
4	Preforming of non-crimp fabrics with distributed magnetic clamping and Bayesian optimisation. <i>Journal of Composite Materials</i> , 2022, 56, 2835-2854.	2.4	4
5	Numerical Modelling and Deformation Mechanics of the English Wheel Process. <i>Minerals, Metals and Materials Series</i> , 2021, , 457-466.	0.4	2
6	The influence of part asymmetry on the achievable forming height in multi-pass spinning. <i>Journal of Materials Processing Technology</i> , 2020, 275, 116350.	6.3	10
7	Raising by spinning. <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 277-280.	3.6	3
8	Expanding the Build Plate: Functional Morphing 3D Printed Structures Through Anisotropy. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	0
9	Exploration of alternative supply chains and distributed manufacturing in response to COVID-19; a case study of medical face shields. <i>Materials and Design</i> , 2020, 192, 108749.	7.0	91
10	An investigation of mandrel-free spinning. <i>Procedia Manufacturing</i> , 2019, 29, 145-152.	1.9	2
11	Folding-shearing: Shrinking and stretching sheet metal with no thickness change. <i>CIRP Annals - Manufacturing Technology</i> , 2019, 68, 285-288.	3.6	6
12	Towards flexible and defect-free forming of composites through distributed clamping. <i>Procedia CIRP</i> , 2019, 85, 341-346.	1.9	5
13	Stacking sequence selection for defect-free forming of uni-directional ply laminates. <i>Composites Science and Technology</i> , 2019, 171, 34-43.	7.8	21
14	Additive manufacture of multistable structures. <i>Smart Materials and Structures</i> , 2019, 28, 02LT02.	3.5	14
15	Classification and selection of sheet forming processes with machine learning. <i>International Journal of Computer Integrated Manufacturing</i> , 2018, 31, 921-932.	4.6	28
16	Toolpath generation for asymmetric mandrel-free spinning. <i>Procedia Engineering</i> , 2017, 207, 1707-1712.	1.2	7
17	Constrained design of sheet forming processes. <i>MATEC Web of Conferences</i> , 2016, 80, 10003.	0.2	0
18	Automatic design of sheet metal forming processes by "un-forming". <i>International Journal of Mechanical Sciences</i> , 2016, 113, 61-70.	6.7	2

#	ARTICLE	IF	CITATIONS
19	Multistable grid and honeycomb shells. International Journal of Solids and Structures, 2015, 59, 46-57.	2.7	9
20	Magnetic actuation and transition shapes of a bistable spherical cap. International Journal of Smart and Nano Materials, 2014, 5, 270-282.	4.2	55
21	Comparison of Analytical Models for Sheet Rolling. Procedia Engineering, 2014, 81, 2451-2456.	1.2	13