

Abdolvahed Kami

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

264
citations

1307366

7
h-index

1125617

13
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19
all docs

19
docs citations

19
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical determination of the forming limit curves of anisotropic sheet metals using GTN damage model. <i>Journal of Materials Processing Technology</i> , 2015, 216, 472-483.	3.1	104
2	Metal FDM, a new extrusion-based additive manufacturing technology for manufacturing of metallic parts: a review. <i>Progress in Additive Manufacturing</i> , 2022, 7, 609-626.	2.5	42
3	Developments of the Marciniak-Kuczynski model for sheet metal formability: A review. <i>Journal of Materials Processing Technology</i> , 2021, 287, 116446.	3.1	32
4	Prediction of wrinkling in thin-walled tube push-bending process using artificial neural network and finite element method. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2011, 225, 1801-1812.	1.5	22
5	Bending fatigue behavior of fused filament fabrication 3D-printed ABS and PLA joints with rotary friction welding. <i>Progress in Additive Manufacturing</i> , 2022, 7, 1345-1361.	2.5	16
6	3D printing of continuous fiber reinforced composites: A review of the processing, pre- and post-processing effects on mechanical properties. <i>Polymers and Polymer Composites</i> , 2022, 30, 096739112210987.	1.0	16
7	Fatigue testing on rotary friction-welded joints between solid ABS and 3D-printed PLA and ABS. <i>European Journal of Mechanics, A/Solids</i> , 2022, 96, 104713.	2.1	13
8	Modeling and optimization of equivalent plastic strain in equal-channel angular rolling using response surface methodology. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2015, 229, 1963-1975.	1.5	6
9	Single point incremental forming of polyamide/30 wt% short glass fiber composite. <i>Journal of Thermoplastic Composite Materials</i> , 2023, 36, 1938-1951.	2.6	5
10	Advanced Models for the Prediction of Forming Limit Curves. <i>ESAFORM Bookseries on Material Forming</i> , 2016, , 205-300.	0.1	3
11	Applications of the Gurson's model in sheet metal forming. <i>MATEC Web of Conferences</i> , 2018, 190, 01002.	0.1	2
12	Experimental formability analysis of bondal sandwich sheet. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	2
13	Spin welding of 3D-printed and solid acrylonitrile-butadiene-styrene (ABS) components: a preliminary investigation. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, .	1.9	1
14	Optimization of the Composite Truncated Cone Structure Layers under Buckling Load. <i>Applied Mechanics and Materials</i> , 2012, 225, 144-149.	0.2	0
15	Calibration of Gurson-type models for porous sheet metals with anisotropic non-quadratic plasticity. <i>Journal of Physics: Conference Series</i> , 2016, 734, 032143.	0.3	0
16	Modelling the Voids Growth in Ductile Fracture. <i>ESAFORM Bookseries on Material Forming</i> , 2016, , 135-203.	0.1	0
17	An investigation on the effect of nanoparticle reinforcement and weld surface shape on bending behavior of rotary friction-welded high-density polyethylene. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 0, , 146442072110441.	0.7	0
18	Numerical study on the influence of process parameters in direct ink writing of high viscosity bio-inks. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2023, 237, 274-282.	0.7	0