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List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

168
citations

1163117

8
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Ring rolling with variable wall thickness. CIRP Annals - Manufacturing Technology, 2016, 65, 281-284.	3.6	22
2	Incremental profile ring rolling with axial and circumferential constraints. CIRP Annals - Manufacturing Technology, 2017, 66, 285-288.	3.6	20
3	Curvature development in ring rolling. Journal of Materials Processing Technology, 2019, 267, 316-337.	6.3	17
4	Implementing material efficiency in practice: A case study to improve the material utilisation of automotive sheet metal components. Resources, Conservation and Recycling, 2019, 145, 49-66.	10.8	14
5	The influence of constraint rolls on temperature evolution and distribution in radial ring rolling. Journal of Materials Processing Technology, 2020, 282, 116663.	6.3	11
6	Real-time measurement of ring-rolling geometry using low-cost hardware. , 2014, , .		10
7	The influence of part asymmetry on the achievable forming height in multi-pass spinning. Journal of Materials Processing Technology, 2020, 275, 116350.	6.3	10
8	From art to part: Learning from the traditional smith in developing flexible sheet metal forming processes. Journal of Materials Processing Technology, 2022, 299, 117337.	6.3	10
9	Incremental ring rolling to create conical profile rings. Procedia Engineering, 2017, 207, 1248-1253.	1.2	9
10	An experimental analysis of the relationship between the corner, die and punch radii in forming isolated flanged shrink corners from Al 5251. Journal of Materials Processing Technology, 2020, 278, 116486.	6.3	8
11	Measurement and control of variable geometry during ring rolling. , 2015, , .		7
12	Folding-shearing: Shrinking and stretching sheet metal with no thickness change. CIRP Annals - Manufacturing Technology, 2019, 68, 285-288.	3.6	6
13	Seven principles of toolpath design in conventional metal spinning. Journal of Materials Processing Technology, 2021, 294, 117131.	6.3	6
14	Environmental life style analysis (ELSA). , 2008, , .		4
15	Curvature control in radial-axial ring rolling**This work was funded by the Engineering and Physical Sciences Research Council (EPSRC) UK.. IFAC-PapersOnLine, 2016, 49, 244-249.	0.9	4
16	Haptic metal spinning. Procedia Manufacturing, 2019, 29, 129-136.	1.9	4
17	Raising by spinning. CIRP Annals - Manufacturing Technology, 2020, 69, 277-280.	3.6	3
18	Producing isolated shrink corners by folding-shearing. CIRP Annals - Manufacturing Technology, 2022, 71, 217-220.	3.6	2

#	ARTICLE	IF	CITATIONS
19	Achieving an Interference Fit Between Two Rings During Composite Ring Rolling. Minerals, Metals and Materials Series, 2021, , 2381-2393.	0.4	1