MevlÃ¼t TÃ¼rkÃ¶z

List of Publications by Year
in descending order

23 papers	140 citations	1478505 6 h-index	1281871 11 g-index
23 all docs	23 docs citations	23 times ranked	104 citing authors

#	Article	IF	Citations
1	Experimental comparison of straight flanging and rotary die bending based on springback. International Journal of Advanced Manufacturing Technology, 2022, 120, 4373-4386.	3.0	2
2	A study on the effect of the roller burnishing process on the axial fatigue performance and surface integrity of AISI 4340 steel. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	1.6	1
3	Numerical and experimental investigation of the effect of double-sided hydroforming process on wrinkling damage by optimizing loading curves with adaptive control. International Journal of Advanced Manufacturing Technology, 2022, 121, 2149-2168.	3.0	0
4	An investigation of the effect of temperature variability of the tools on FEA of the warm hydromechanical deep drawing process. SN Applied Sciences, 2020, 2, 1.	2.9	0
5	Prediction of residual stresses in ball burnishing TI6AL4V thin sheets. International Journal of Advanced Manufacturing Technology, 2020, 110, 1083-1093.	3.0	7
6	Numerical optimization of warm hydromechanical deep drawing process parameters and its experimental verification. Journal of Manufacturing Processes, 2020, 57, 344-353.	5.9	10
7	AISI 304 PASLANMAZ Ã‡ELÄ°K SACIN HÄ°DROMEKANÄ°K DERÄ°N Ã‡EKÄ°LMESÄ°. Konya Journal of Engineering Sciences, 2020, 8, 248-257.	0.3	0
8	Warm Hydromechanical Deep Drawing of AA 5754-O and Optimization of Process Parameters. Journal of Engineering Materials and Technology, Transactions of the ASME, 2018, 140, .	1.4	8
9	Determination of optimal loading profiles in hydromechanical deep drawing process using integrated adaptive finite element analysis and fuzzy control approach. International Journal of Advanced Manufacturing Technology, 2017, 88, 2443-2459.	3.0	15
10	Design of sheet hydroforming press body. , 2017, , .		0
11	Investigation on the optimal geometrical parameters for cylindrical cups in warm hydromechanical deep drawing process. , 2017, , .		3
12	Design, Fabrication, and Experimental Validation of a Warm Hydroforming Test System. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2016, 138, .	2.2	7
13	Comparison of Flow Curves of AA 5457-O Sheet Material Determined by Hydraulic Bulge and Tensile Tests at Warm Forming Temperatures. Journal of Testing and Evaluation, 2016, 44, 952-966.	0.7	4
14	Investigation of the effect of hydromechanical deep drawing process parameters on formability of AA5754 sheets metals by using neuro-fuzzy forecasting approach. Journal of Intelligent and Fuzzy Systems, 2015, 28, 647-659.	1.4	5
15	A new method for determining limit strains of materials that show post-uniform elongation behavior. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2014, 228, 450-457.	2.4	6
16	Finite Element Analysis and Experimental Validation of Warm Hydromechanical Deep Drawing Process. Applied Mechanics and Materials, 2014, 686, 535-539.	0.2	0
17	Enhancing formability in hydromechanical deep drawing process adding a shallow drawbead to the blank holder. Journal of Materials Processing Technology, 2014, 214, 1638-1646.	6.3	39
18	Detailed Investigation of Forming Limit Determination Standards for Aluminum Alloys. Journal of Testing and Evaluation, 2013, 41, 104356.	0.7	14

#	Article	IF	Citations
19	A Study on DOE Methods for Hydromechanical Deep Drawing Process Parameters. Applied Mechanics and Materials, 2012, 217-219, 1602-1608.	0.2	3
20	Effects of Heat Treatment Conditions on the Mechanical Properties of AA 2024 Alloy. Applied Mechanics and Materials, 2012, 217-219, 1225-1229.	0.2	2
21	Investigation on Earing Behavior of AA 2024-T4 and AA 5754-O Aluminum Alloys. Advanced Materials Research, 0, 264-265, 12-17.	0.3	5
22	The Effect of Temperature and Strain-Rate Sensitivity on Formability of AA 5754. Applied Mechanics and Materials, 0, 217-219, 1596-1601.	0.2	6
23	An Application of Fuzzy Logic Control Algorithm in Hydro Mechanical Deep Drawing Process. Applied Mechanics and Materials, 0, 686, 95-100.	0.2	3