

Junrui Xu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

140
citations

1478505

6
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	A method to evaluate the formability of high-strength steel in hot stamping. <i>Materials & Design</i> , 2015, 77, 95-109.	5.1	58
2	Deformation behaviour of AZ31 magnesium alloy sheet hybrid actuating with Al driver sheet and temperature in magnetic pulse forming. <i>Journal of Manufacturing Processes</i> , 2019, 37, 402-412.	5.9	15
3	Hot Deformation Behavior and Intrinsic Workability of Carbon Nanotube-Aluminum Reinforced ZA27 Composites. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 1967-1977.	2.5	14
4	Characteristics of drawing process of AA5182 aluminum alloy sheet during rubber-pad forming. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 1139-1148.	3.0	11
5	Tensile behavior and microstructural evolution for AZ31 magnesium alloys sheet at high strain rate. <i>International Journal of Materials Research</i> , 2017, 108, 560-570.	0.3	9
6	Experimental study for rubber pad forming process of AZ31 magnesium alloy sheets at warm temperature. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 1079-1087.	3.0	7
7	Effects of temperature and driver sheet for magnesium alloy sheet in magnetic pulse forming. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 3319-3333.	3.0	6
8	Electromagnetic impacting medium forming (EIMF): a new method forming process for magnesium alloy sheet. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 109, 553-563.	3.0	6
9	Experimental Research on Tensile Behavior of Advanced High-Strength Steel DP600 at High Strain Rate. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 2411-2420.	2.5	5
10	Mechanical Properties and Microstructure of High-Strength Steel Controlled by Hot Stamping Process. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 4025-4035.	2.5	3
11	Thermal effects in magnetic pulse forming of magnesium alloy sheet. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 81, 755-770.	3.0	2
12	Experimental and numerical research on magnetic pulse forming of DP600 high-strength steel with driver sheet. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 181-199.	3.0	2
13	Comparing predictions from constitutive equations and artificial neural network model of compressive behavior in carbon nanotube–aluminum reinforced ZA27 composites. <i>International Journal of Materials Research</i> , 2016, 107, 659-667.	0.3	1
14	Electromagnetic impacting medium forming (EIMF) for aluminum alloy tube by using flat spiral coil. <i>International Journal of Material Forming</i> , 2021, 14, 607-622.	2.0	1