

Junrui Xu

List of Publications by Year in descending order

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14
papers

140
citations

1478505

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1199594

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14
all docs

14
docs citations

14
times ranked

145
citing authors

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