

Arash Jenab

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

245
citations

1163065

8
h-index

1588975

8
g-index

8
all docs

8
docs citations

8
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical analyses of formability improvement of AA5182-O sheet during electro-hydraulic forming. <i>Journal of Materials Processing Technology</i> , 2018, 255, 914-926.	6.3	25
2	Damage evolution and void coalescence in finite-element modelling of DP600 using a modified Rousselier model. <i>Engineering Fracture Mechanics</i> , 2018, 196, 168-190.	4.3	10
3	Microscopic investigation of failure mechanisms in AA5182-O sheets subjected to electro-hydraulic forming. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 691, 31-41.	5.6	10
4	Effect of rate-dependent constitutive equations on the tensile flow behaviour of DP600 using Rousselier damage model. <i>Materials and Design</i> , 2017, 117, 267-279.	7.0	16
5	The Use of genetic algorithm and neural network to predict rate-dependent tensile flow behaviour of AA5182-O sheets. <i>Materials and Design</i> , 2016, 94, 262-273.	7.0	90
6	Experimental investigation of the hot deformation behavior of AA7075: Development and comparison of flow localization parameter and dynamic material model processing maps. <i>International Journal of Mechanical Sciences</i> , 2014, 78, 97-105.	6.7	65
7	The Use of ANN to Predict the Hot Deformation Behavior of AA7075 at Low Strain Rates. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 903-910.	2.5	21
8	Evaluation of low strain rate constitutive equation of 7075 aluminium alloy at high temperature. <i>Materials Science and Technology</i> , 2011, 27, 1067-1072.	1.6	8