Arash Jenab

List of Publications by Year
in descending order

8 papers	**245** citations	1162889 **8** h-index	1588896 **8** g-index
8 all docs	**8** docs citations	**8** times ranked	**235** citing authors

#	Article	IF	Citations
1	The Use of genetic algorithm and neural network to predict rate-dependent tensile flow behaviour of AA5182-O sheets. Materials and Design, 2016, 94, 262-273.	3.3	90
2	Experimental investigation of the hot deformation behavior of AA7075: Development and comparison of flow localization parameter and dynamic material model processing maps. International Journal of Mechanical Sciences, 2014, 78, 97-105.	3.6	65
3	Experimental and numerical analyses of formability improvement of AA5182-O sheet during electro-hydraulic forming. Journal of Materials Processing Technology, 2018, 255, 914-926.	3.1	25
4	The Use of ANN to Predict the Hot Deformation Behavior of AA7075 at Low Strain Rates. Journal of Materials Engineering and Performance, 2013, 22, 903-910.	1.2	21
5	Effect of rate-dependent constitutive equations on the tensile flow behaviour of DP600 using Rousselier damage model. Materials and Design, 2017, 117, 267-279.	3.3	16
6	Microscopic investigation of failure mechanisms in AA5182-O sheets subjected to electro-hydraulic forming. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 691, 31-41.	2.6	10
7	Damage evolution and void coalescence in finite-element modelling of DP600 using a modified Rousselier model. Engineering Fracture Mechanics, 2018, 196, 168-190.	2.0	10
8	Evaluation of low strain rate constitutive equation of 7075 aluminium alloy at high temperature. Materials Science and Technology, 2011, 27, 1067-1072.	0.8	8