

Serkan Toros

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

145
citations

1307594

7
h-index

1199594

12
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15
all docs

15
docs citations

15
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of formability of metallic bipolar plates via stamping for light-weight PEM fuel cells. International Journal of Hydrogen Energy, 2020, 45, 35149-35161.	7.1	35
2	Thickness dependent yielding behavior and formability of AA6082-T6 alloy: experimental observation and modeling. International Journal of Advanced Manufacturing Technology, 2020, 106, 4083-4091.	3.0	4
3	Performance evaluation of ejector with different secondary flow directions and geometric properties for solid oxide fuel cell applications. Journal of Power Sources, 2019, 421, 76-90.	7.8	11
4	The effects of temperature and strain rate on yielding and springback behaviour of DP1000 dual phase steel. Materials Research Express, 2019, 6, 026509.	1.6	6
5	Microstructure based modelling of stress-strain relationship on dual phase steels. Ironmaking and Steelmaking, 2019, 46, 313-319.	2.1	10
6	Geometric optimization of an ejector for a 4kW SOFC system with anode off-gas recycle. International Journal of Hydrogen Energy, 2018, 43, 9413-9422.	7.1	18
7	Warm deformation and fracture behaviour of DP1000 advanced high strength steel. Ironmaking and Steelmaking, 2018, 45, 618-625.	2.1	8
8	Strain rate sensitivity and strain hardening response of DP1000 dual phase steel. Metallurgical Research and Technology, 2018, 115, 507.	0.7	1
9	Determination of formability characteristics of Crofer 22 APLI sheets as interconnector for solid oxide fuel cells. International Journal of Hydrogen Energy, 2018, 43, 14638-14647.	7.1	14
10	Determination of optimum ejector operating pressures for anodic recirculation in SOFC systems. International Journal of Hydrogen Energy, 2017, 42, 20249-20259.	7.1	26
11	Contribution of functionally graded material modelling on finite element simulation of rod end parts in automotive steering system. Journal of Mechanical Science and Technology, 2016, 30, 3137-3141.	1.5	3
12	Finite Element Simulation of Diametral Strength Test of Hydroxyapatite. , 2011, , .		0
13	Tensile deformation behavior of AA5083-H111 at cold and warm temperatures. International Journal of Materials Research, 2010, 101, 1172-1179.	0.3	9
14	Investigation of Material Models on Deep Drawing and Ironing Processes. Āmer Halisdemir Ācniversitesi MĀhendislik Bilimleri Dergisi, 0, , .	0.5	0