Andrzej Rosochowski

List of Publications by Year
in descending order

23	415	1040056 9	996975 15
papers	citations	h-index	g-index

23	23	23	377
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microstructure and Corrosion Behavior of the Friction Stir Welded Joints Made from Ultrafine Grained Aluminum. Advanced Engineering Materials, 2017, 19, 1600807.	3.5	10
2	Warm deformation behaviour of UFG CP-Titanium produced by I-ECAP. IOP Conference Series: Materials Science and Engineering, 2017, 194, 012038.	0.6	0
3	On the evolution of microstructure and texture in commercial purity titanium during multiple passes of incremental equal channel angular pressing (I-ECAP). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 699, 31-47.	5.6	27
4	Ultrafine-Grained Plates of Al-Mg-Si Alloy Obtained by Incremental Equal Channel Angular Pressing: Microstructure and Mechanical Properties. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 4871-4882.	2.2	18
5	Effect of channel angle on the material flow, hardness distribution and process forces during incremental ECAP of Al-1050 billets. AIP Conference Proceedings, 2016, , .	0.4	2
6	Incremental non-equal channel angular pressing â€“ FE simulation. AIP Conference Proceedings, 2016, , .	0.4	3
7	Producing Highâ€Strength Metals by Iâ€ECAP. Advanced Engineering Materials, 2016, 18, 219-223.	3.5	11
8	The role of microstructure and texture in controlling mechanical properties of AZ31B magnesium alloy processed by I-ECAP. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 638, 20-29.	5.6	81
9	The Origin of Fracture in the I-ECAP of AZ31B Magnesium Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 5275-5284.	2.2	3
10	In situ analysis of the influence of twinning on the strain hardening rate and fracture mechanism in AZ31B magnesium alloy. Journal of Materials Science, 2015, 50, 2532-2543.	3.7	25
11	The Effect of Initial Grain Size on Formability of AZ31B Magnesium Alloy during I-ECAP. Key Engineering Materials, 2014, 611-612, 573-580.	0.4	4
12	Mechanical Properties and Microstructure of AZ31B Magnesium Alloy Processed by I-ECAP. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1609-1620.	2.2	33
13	Severe plastic deformation by incremental angular splitting. Journal of Materials Science, 2013, 48, 4557-4562.	3.7	8
14	FE simulation of magnesium alloy microstructure evolution in tension. , 2013, , .		1
15	New SPD Process of Incremental Angular Splitting. Key Engineering Materials, 2012, 504-506, 569-574.	0.4	3
16	Incremental ECAP of Tubular Componentsâ€"FE Simulation. , 2011, , .		2
17	FEM Simulation of Incremental Shear. AIP Conference Proceedings, 2007, , .	0.4	23
18	FE Simulation of Ultrasonic Back Extrusion. AIP Conference Proceedings, 2007, , .	0.4	8

#	Article	IF	Citations
19	Micro-extrusion of ultra-fine grained aluminium. International Journal of Advanced Manufacturing Technology, 2007, 33, 137-146.	3.0	82
20	Double-Billet Incremental ECAP. Materials Science Forum, 0, 584-586, 139-144.	0.3	25
21	Incremental Equal Channel Angular Pressing for Grain Refinement. Materials Science Forum, 0, 674, 19-28.	0.3	27
22	Incremental ECAP with Converging Billets. Key Engineering Materials, 0, 554-557, 869-875.	0.4	4
23	Route Effects in I-ECAP of AZ31B Magnesium Alloy. Key Engineering Materials, 0, 554-557, 876-884.	0.4	15