

Wacław Pachla

List of Publications by Year in descending order

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19
papers

346
citations

1163117

8
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Grain Refinement of Biodegradable Zn-Mg Alloy: The Effect of Magnesium Alloying and Multi-Pass Hydrostatic Extrusion Preceded by Hot Extrusion. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 6784-6796.	2.2	45
2	The Positron Probe Microanalyser Studies of Defect Distribution Induced by Machining of Copper, Iron and Titanium. <i>Tribology Letters</i> , 2015, 60, 1.	2.6	4
3	Hydrostatic Extrusion and Nano-Hardness of Nanocrystalline Grade 2 Titanium. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4992-4998.	0.9	1
4	Microstructure and mechanical properties of duplex stainless steel subjected to hydrostatic extrusion. <i>Materials Characterization</i> , 2014, 93, 110-118.	4.4	27
5	Mechanical properties of titanium processed by hydrostatic extrusion. <i>Archives of Metallurgy and Materials</i> , 2012, 57, 863-867.	0.6	8
6	Microstructure and properties of ultrafine grain nickel 200 after hydrostatic extrusion processes. <i>Materials Science-Poland</i> , 2012, 30, 282-289.	1.0	2
7	Ag Powders Consolidated by Reciprocating Extrusion (CEC). <i>Materials Science Forum</i> , 2010, 667-669, 145-150.	0.3	0
8	Nanocrystalline titanium produced by hydrostatic extrusion. <i>Journal of Materials Processing Technology</i> , 2008, 205, 173-182.	6.3	107
9	The Influence of the Initial State on Microstructure and Mechanical Properties of Hydrostatically Extruded Titanium. <i>Solid State Phenomena</i> , 2008, 140, 191-196.	0.3	5
10	Fabrication of high strength nanostructured aluminium alloys by hydrostatic extrusion. <i>International Journal of Materials Research</i> , 2007, 98, 172-177.	0.3	21
11	The Influence of Hydrostatic Extrusion on the Microstructure of 6082 Aluminium Alloy. <i>Solid State Phenomena</i> , 2006, 114, 145-150.	0.3	5
12	Structural and mechanical properties of nanocrystalline titanium and 316LVM steel processed by hydrostatic extrusion. <i>Journal of Microscopy</i> , 2006, 223, 272-274.	1.8	45
13	The Role of Inclusions in the Corrosion Resistance of Hydrostatically Extruded Steel Products. <i>Solid State Phenomena</i> , 2006, 114, 189-198.	0.3	6
14	Processing by Hydrostatic Extrusion of Titanium Coated with Aluminides. <i>Solid State Phenomena</i> , 2006, 114, 63-68.	0.3	3
15	Microstructural Refinement under High Plastic Strain Rates during Hydrostatic Extrusion. <i>Solid State Phenomena</i> , 2006, 114, 117-122.	0.3	4
16	Combination of ECAP and Hydrostatic Extrusion for UFG Microstructure Generation in Nickel. <i>Solid State Phenomena</i> , 2006, 114, 51-56.	0.3	9
17	The Influence of Hydrostatic Extrusion on the Properties of an Austenitic Stainless Steel. <i>Solid State Phenomena</i> , 2006, 114, 57-62.	0.3	12
18	Hydrostatic Extrusion and Nanostructure Formation in an Aluminium Alloy. <i>Solid State Phenomena</i> , 2005, 101-102, 65-68.	0.3	35

#	ARTICLE	IF	CITATIONS
19	Homogeneity of Bulk Nanostructured Titanium Obtained by Hydrostatic Extrusion. Materials Science Forum, 0, 674, 47-51.	0.3	7