WacÅ‚aw Pachla

List of Publications by Year
in descending order

19	346	1163117 8	888059 17
papers	citations	h-index	g-index

26	26	26	247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanocrystalline titanium produced by hydrostatic extrusion. Journal of Materials Processing Technology, 2008, 205, 173-182.	6.3	107
2	Structural and mechanical properties of nanocrystalline titanium and 316LVM steel processed by hydrostatic extrusion. Journal of Microscopy, 2006, 223, 272-274.	1.8	45
3	Controlled Grain Refinement of Biodegradable Zn-Mg Alloy: The Effect of Magnesium Alloying and Multi-Pass Hydrostatic Extrusion Preceded by Hot Extrusion. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 6784-6796.	2.2	45
4	Hydrostatic Extrusion and Nanostructure Formation in an Aluminium Alloy. Solid State Phenomena, 2005, 101-102, 65-68.	0.3	35
5	Microstructure and mechanical properties of duplex stainless steel subjected to hydrostatic extrusion. Materials Characterization, 2014, 93, 110-118.	4.4	27
6	Fabrication of high strength nanostructured aluminium alloys by hydrostatic extrusion. International Journal of Materials Research, 2007, 98, 172-177.	0.3	21
7	The Influence of Hydrostatic Extrusion on the Properties of an Austenitic Stainless Steel. Solid State Phenomena, 2006, 114, 57-62.	0.3	12
8	Combination of ECAP and Hydrostatic Extrusion for UFG Microstructure Generation in Nickel. Solid State Phenomena, 2006, 114, 51-56.	0.3	9
9	Mechanical properties of titanium processed by hydrostatic extrusion. Archives of Metallurgy and Materials, 2012, 57, 863-867.	0.6	8
10	Homogeneity of Bulk Nanostructured Titanium Obtained by Hydrostatic Extrusion. Materials Science Forum, 0, 674, 47-51.	0.3	7
11	The Role of Inclusions in the Corrosion Resistance of Hydrostatically Extruded Steel Products. Solid State Phenomena, 2006, 114, 189-198.	0.3	6
12	The Influence of Hydrostatic Extrusion on the Microstructure of 6082 Aluminium Alloy. Solid State Phenomena, 2006, 114, 145-150.	0.3	5
13	The Influence of the Initial State on Microstructure and Mechanical Properties of Hydrostatically Extruded Titanium. Solid State Phenomena, 2008, 140, 191-196.	0.3	5
14	Microstructural Refinement under High Plastic Strain Rates during Hydrostatic Extrusion. Solid State Phenomena, 2006, 114, 117-122.	0.3	4
15	The Positron Probe Microanalyser Studies of Defect Distribution Induced by Machining of Copper, Iron and Titanium. Tribology Letters, 2015, 60, 1.	2.6	4
16	Processing by Hydrostatic Extrusion of Titanium Coated with Aluminides. Solid State Phenomena, 2006, 114, 63-68.	0.3	3
17	Microstructure and properties of ultrafine grain nickel 200 after hydrostatic extrusion processes. Materials Science-Poland, 2012, 30, 282-289.	1.0	2
18	Hydrostatic Extrusion and Nano-Hardness of Nanocrystalline Grade 2 Titanium. Journal of Nanoscience and Nanotechnology, 2015, 15, 4992-4998.	0.9	1

#	Article	IF	Citations
19	Ag Powders Consolidated by Reciprocating Extrusion (CEC). Materials Science Forum, 2010, 667-669, 145-150.	0.3	0