

Marek Krasnowski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

679
citations

13
h-index

25
g-index

44
ext. papers

734
ext. citations

3.6
avg, IF

4.24
L-index

#	Paper	IF	Citations
41	Characterization of AlO Samples and NiAl-AlO Composite Consolidated by Pulse Plasma Sintering. <i>Materials</i> , 2021 , 14,	3.5	1
40	Nanocrystalline NiAl intermetallic alloy with high hardness produced by mechanical alloying and hot-pressing consolidation. <i>Advanced Powder Technology</i> , 2019 , 30, 1312-1318	4.6	13
39	FeAl-B composites with nanocrystalline matrix produced by consolidation of mechanically alloyed powders. <i>Journal of Alloys and Compounds</i> , 2019 , 791, 75-80	5.7	8
38	NiAl-B composites with nanocrystalline intermetallic matrix produced by mechanical alloying and consolidation. <i>Advanced Powder Technology</i> , 2019 , 30, 2742-2750	4.6	4
37	Bulk amorphous and nanocrystalline Al ₆₀ Fe ₂₀ Ti ₂₀ and Al ₆₅ Fe ₁₈ Ti ₁₂ Ni ₅ alloys. <i>Materials Letters</i> , 2019 , 239, 113-115	3.3	2
36	Structure, thermal stability and magnetic properties of mechanically alloyed (Fe-Al)-30vol%B powders. <i>Journal of Alloys and Compounds</i> , 2019 , 776, 215-223	5.7	4
35	Phase transformations during mechanical alloying and subsequent heating of Fe Al B powders. <i>Journal of Alloys and Compounds</i> , 2017 , 706, 110-115	5.7	11
34	Nanocrystalline Al ₅ Fe ₂ intermetallic and Al ₅ Fe ₂ Al composites manufactured by high-pressure consolidation of milled powders. <i>Journal of Alloys and Compounds</i> , 2016 , 656, 82-87	5.7	2
33	Nanocrystalline Ni ₃ Al-based alloys obtained by recycling of aluminium scraps via mechanical alloying and consolidation. <i>Advanced Powder Technology</i> , 2016 , 27, 305-311	4.6	8
32	TiAl composites with nanocrystalline matrix produced by consolidation of milled powders. <i>Advanced Powder Technology</i> , 2015 , 26, 1269-1272	4.6	13
31	Nanocrystalline matrix Al ₃ Ni ₂ Al ₃ Ni composites produced by reactive hot-pressing of milled powders. <i>Intermetallics</i> , 2014 , 54, 193-198	3.5	11
30	Nanocrystalline matrix TiAl ₃ Ti and TiAl ₃ TiAl composites produced by reactive hot-pressing of milled powders. <i>Advanced Powder Technology</i> , 2014 , 25, 1082-1086	4.6	7
29	Al ₃ Ni ₂ Al composites with nanocrystalline intermetallic matrix produced by consolidation of milled powders. <i>Advanced Powder Technology</i> , 2014 , 25, 1362-1368	4.6	11
28	Nanocrystalline Al ₃ Ni ₂ alloy with high hardness produced by mechanical alloying and high-pressure hot-pressing consolidation. <i>Intermetallics</i> , 2013 , 42, 35-40	3.5	19
27	Nanocrystalline Ni ₃ Al intermetallic produced by hot-pressing consolidation of mechanically alloyed powders. <i>Intermetallics</i> , 2013 , 42, 41-44	3.5	11
26	Phase Transformation in Al ₃ Ni ₂ Alloy during Mechanical Alloying and Heating of Milling Products. <i>Solid State Phenomena</i> , 2013 , 203-204, 272-275	0.4	
25	Ti-Y ₂ O ₃ Composites with Nanocrystalline and Microcrystalline Matrix. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012 , 43, 1376-1381	2.3	5

24	Nanocrystalline or amorphous matrix Al ₆₀ Fe ₁₅ Ti ₁₅ (Co/Mg/Zr) ₅ B ₅ composites produced by consolidation of mechanically alloyed powders. Lightweight materials with high hardness. <i>Intermetallics</i> , 2012 , 28, 120-127	3.5	19
23	Bulk amorphous Al ₈₅ Fe ₁₅ alloy and Al ₈₅ Fe ₁₅ -B composites with amorphous or nanocrystalline-matrix produced by consolidation of mechanically alloyed powders. <i>Intermetallics</i> , 2011 , 19, 1243-1249	3.5	25
22	Crystallisation of Amorphous Al ₆₀ Fe ₂₀ Ti ₁₅ Ni ₅ Alloy Produced by Mechanical Alloying. <i>Solid State Phenomena</i> , 2010 , 163, 243-246	0.4	2
21	Nanocrystalline Al ₈₅ Fe ₁₅ intermetallics. Lightweight alloys with high hardness. <i>Intermetallics</i> , 2010 , 18, 47-50	3.5	57
20	Bulk amorphous and nanocrystalline Al ₈₃ Fe ₁₇ alloys prepared by consolidation of mechanically alloyed amorphous powder. <i>Journal of Alloys and Compounds</i> , 2010 , 495, 382-385	5.7	9
19	Nanocrystalline Ni ₃ Al-based alloys produced by mechanical alloying of Ni-Al-Co powders and consolidation. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010 , 7, 1384-1387		3
18	Nanocrystalline and amorphous Al ₈₅ Fe ₁₅ alloys containing 60-85% of Al synthesised by mechanical alloying and phase transformations induced by heating of milling products. <i>Materials Chemistry and Physics</i> , 2009 , 116, 631-637	4.4	41
17	Nanocrystalline β phase obtained by mechanical alloying of Al ₆₀ Fe ₁₅ Si ₁₅ Ti ₁₀ powder mixture followed by consolidation. <i>Journal of Alloys and Compounds</i> , 2009 , 483, 186-189	5.7	15
16	Analysis of the mechanically alloyed Fe ₈₅ Ni ₅ B ₁₀ powder using a non-unique lattice parameter. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 5132-5134	3.9	2
15	Nanocomposites obtained by mechanical alloying in Fe ₈₀ Al ₁₀ Ti ₁₀ system. <i>Journal of Alloys and Compounds</i> , 2008 , 448, 227-233	5.7	26
14	Nanocrystalline FeAl intermetallic produced by mechanical alloying followed by hot-pressing consolidation. <i>Intermetallics</i> , 2007 , 15, 201-205	3.5	82
13	Nanocrystalline FeAl matrix composites reinforced with TiC obtained by hot-pressing consolidation of mechanically alloyed powders. <i>Intermetallics</i> , 2007 , 15, 1377-1383	3.5	66
12	Phase transformations during mechanical alloying of Fe ₈₀ Al ₂₀ and subsequent heating of the milling product. <i>Journal of Alloys and Compounds</i> , 2006 , 424, 119-127	5.7	73
11	The FeAl ₈₀ Ti ₂₀ nanocomposite produced by mechanical alloying and hot-pressing consolidation. <i>Intermetallics</i> , 2002 , 10, 371-376	3.5	61
10	Synthesis of FeAl-TiN Nanocomposite by Mechanical Alloying of Al-Fe-Ti Powder Mixture under Nitrogen Atmosphere. <i>Journal of Metastable and Nanocrystalline Materials</i> , 2001 , 10, 433-438	0.2	
9	Synthesis of FeAl-TiN Nanocomposite by Mechanical Alloying of Al-Fe-Ti Powder Mixture under Nitrogen Atmosphere. <i>Materials Science Forum</i> , 2001 , 360-362, 433-438	0.4	5
8	Mechanically Alloyed Nanocrystalline Intermetallic Matrix Composites Reinforced with Alumina. <i>Materials Science Forum</i> , 2001 , 360-362, 235-240	0.4	8
7	Structural investigations of the Al ₅₀ Fe ₂₅ Ti ₂₅ powder mixture mechanically alloyed under various conditions. <i>Journal of Alloys and Compounds</i> , 2001 , 319, 296-302	5.7	17

6	Structural Investigations of the TiC-Fe(Al) Nanocomposite Formed by Mechanical Alloying. <i>Journal of Metastable and Nanocrystalline Materials</i> , 2000 , 8, 302-307	0.2	
5	Nanocomposites produced by mechanical alloying of the Al50-Fe25-Ti25 powders mixture. <i>Scripta Materialia</i> , 1999 , 12, 455-458		7
4	Structural and morphological properties of in-situ PLD YBCO/STO/YBCO trilayer. <i>Superlattices and Microstructures</i> , 1997 , 21, 487-491	2.8	6
3	Electron Microscopy Characterization of Cu-Fe and Ag-Fe Alloys Obtained by Plastic Deformation. <i>Materials Science Forum</i> , 1995 , 195, 13-18	0.4	10
2	Electron Microscopy Investigation on the Effect of Plastic Deformation in the Alloying of the Immiscible System Cu-Fe. <i>Microscopy Microanalysis Microstructures</i> , 1995 , 6, 601-609		9
1	Changes in distributions of grain boundary diffusion properties after grain growth in austenitic steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1989 , 112, 199-204	5.3	6