Tadeusz Kulik

List of Publications by Year in Descending Order

183 papers	3,019 citations	26 h-index	47 g-index
190 ext. papers	3,255 ext. citations	3.3 avg, IF	5.28 L-index

#	Paper	IF	Citations
183	Comparative study of structural and magnetic properties of ribbon and bulk Ni55Fe19Ga26 Heusler alloy. *Journal of Alloys and Compounds*, **2022**, 889, 161819	5.7	0
182	Evaluation of phase stability and diffusion kinetics in novel BCC-structured high entropy alloys. *Materials Research Letters*, **2022**, 10, 556-565	7.4	
181	W-Y2O3 composites obtained by mechanical alloying and sintering. *Advanced Powder Technology*, **2021**, 32, 390-397	4.6	4
180	Oxidation Behavior of Alx(CoCrFeNi)100-x High-Entropy Alloys Under Thermal-Cycling Conditions. *Oxidation of Metals*, **2021**, 96, 307-321	1.6	3
179	High-entropy eutectic composites with high strength and low Young's modulus. *Material Design and Processing Communications*, **2020**, 3, e211	0.9	
178	Devitrification of Mechanically Alloyed Fe-Nb System: M□ssbauer Study of the Intermetallic Phases. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2020**, 51, 1395-1401	2.3	1
177	Stimulation of shear-transformation zones in metallic glasses by cryogenic thermal cycling. *Journal of Non-Crystalline Solids*, **2020**, 548, 120299	3.9	9
176	Glass forming ability of Zr48Cu36Al16-xAgx alloys determined by three different methods. *Journal of Non-Crystalline Solids*, **2019**, 515, 106-112	3.9	1
175	Nanocrystalline NiAl intermetallic alloy with high hardness produced by mechanical alloying and hot-pressing consolidation. *Advanced Powder Technology*, **2019**, 30, 1312-1318	4.6	13
174	FeAl-B composites with nanocrystalline matrix produced by consolidation of mechanically alloyed powders. *Journal of Alloys and Compounds*, **2019**, 791, 75-80	5.7	8
173	Zirconium purity influence on the critical diameter and thermal indicators of the Zr48Cu36Al9Ag7 alloy. *Journal of Non-Crystalline Solids*, **2019**, 509, 80-87	3.9	5
172	NiAl-B composites with nanocrystalline intermetallic matrix produced by mechanical alloying and consolidation. *Advanced Powder Technology*, **2019**, 30, 2742-2750	4.6	4
171	Demystifying the sluggish diffusion effect in high entropy alloys. *Journal of Alloys and Compounds*, **2019**, 783, 193-207	5.7	68
170	Structure, thermal stability and magnetic properties of mechanically alloyed (Fe-Al)-30vol%B powders. *Journal of Alloys and Compounds*, **2019**, 776, 215-223	5.7	4
169	Ultrasonic vibrations as an impulse for glass transition in microforming of bulk metallic glass. *Archives of Civil and Mechanical Engineering*, **2019**, 19, 100-113	3.4	6
168	Studies of □luggish diffusion□effect in Co-Cr-Fe-Mn-Ni, Co-Cr-Fe-Ni and Co-Fe-Mn-Ni high entropy alloys; determination of tracer diffusivities by combinatorial approach. *Journal of Alloys and Compounds*, **2018**, 731, 920-928	5.7	69
167	High entropy multicomponent WMoNbZrV alloy processed by mechanical alloying. *Materials Letters* , **2018**, 232, 160-162	3.3	26

166	Influence of Cu content on high temperature oxidation behavior of AlCoCrCuxFeNi high entropy alloys (x´=´0; 0.5; 1). *Intermetallics*, **2017**, 84, 52-61	3.5	84
165	Isothermal Stability and Selected Mechanical Properties of Zr48Cu36Al8Ag8 Bulk Metallic Glass. *Archives of Metallurgy and Materials*, **2017**, 62, 1749-1753		3
164	Mössbauer and magnetic studies of FeCoNiCuNbSiB nanocrystalline alloys. *Nukleonika*, **2017**, 62, 79-84	1	
163	Nanocrystalline Al5Fe2 intermetallic and Al5Fe2–Al composites manufactured by high-pressure consolidation of milled powders. *Journal of Alloys and Compounds*, **2016**, 656, 82-87	5.7	2
162	Nanocrystalline Ni3Al-based alloys obtained by recycling of aluminium scraps via mechanical alloying and consolidation. *Advanced Powder Technology*, **2016**, 27, 305-311	4.6	8
161	Interdiffusion in the FCC-structured Al-Co-Cr-Fe-Ni high entropy alloys: Experimental studies and numerical simulations. *Journal of Alloys and Compounds*, **2016**, 674, 455-462	5.7	111
160	Relation of various GFA indicators to the critical diameter of Zr-based BMGs. *Journal of Alloys and Compounds*, **2015**, 625, 13-17	5.7	15
159	TiC–Al composites with nanocrystalline matrix produced by consolidation of milled powders. *Advanced Powder Technology*, **2015**, 26, 1269-1272	4.6	13
158	Entropy Change Calculations for Pure Gd and a Ni-Mn-Cu-Ga Heusler Alloy: Constant Field vs. Constant Temperature Experiment. *Acta Physica Polonica A*, **2015**, 128, 111-115	0.6	3
157	Nanocrystalline matrix Al3Ni2–Al–Al3Ni composites produced by reactive hot-pressing of milled powders. *Intermetallics*, **2014**, 54, 193-198	3.5	11
156	Magnetostrictive Iron-Based Bulk Metallic Glasses for Force Sensors. *IEEE Transactions on Magnetics* , **2014**, 50, 1-3	2	5
155	Nanocrystalline matrix TiC–Al3Ti and TiC–Al3Ti–Al composites produced by reactive hot-pressing of milled powders. *Advanced Powder Technology*, **2014**, 25, 1082-1086	4.6	7
154	Al3Ni2–Al composites with nanocrystalline intermetallic matrix produced by consolidation of milled powders. *Advanced Powder Technology*, **2014**, 25, 1362-1368	4.6	11
153	Nanocrystalline Al3Ni2 alloy with high hardness produced by mechanical alloying and high-pressure hot-pressing consolidation. *Intermetallics*, **2013**, 42, 35-40	3.5	19
152	Nanocrystalline Ni3Al intermetallic produced by hot-pressing consolidation of mechanically alloyed powders. *Intermetallics*, **2013**, 42, 41-44	3.5	11
151	Phase Transformation in Al3Ni2 Alloy during Mechanical Alloying and Heating of Milling Products. *Solid State Phenomena*, **2013**, 203-204, 272-275	0.4	
150	Improvement of magnetocaloric properties of Gd-Ge-Si alloys by alloying with iron. *EPJ Web of Conferences*, **2013**, 40, 06005	0.3	2
149	Nanocrystalline or amorphous matrix Al60Fe15Ti15(Co/Mg/Zr)5–5%B composites produced by consolidation of mechanically alloyed powders – lightweight materials with high hardness. *Intermetallics*, **2012**, 28, 120-127	3.5	19

148	Bulk amorphous Al85Fe15 alloy and Al85Fe15-B composites with amorphous or nanocrystalline-matrix produced by consolidation of mechanically alloyed powders. *Intermetallics*, **2011**, 19, 1243-1249	3.5	25
147	Crystallisation of Amorphous Al60Fe20Ti15Ni5 Alloy Produced by Mechanical Alloying. *Solid State Phenomena*, **2010**, 163, 243-246	0.4	2
146	Structure and magnetic properties of FeNbB amorphous/nanocrystalline alloys produced by compaction of mechanically alloyed powders. *Journal of Applied Physics*, **2010**, 107, 073901	2.5	7
145	Influence of Sn Addition on the Amorphization and Thermal Stability of CuTiZrNi Powders Processed by Mechanical Alloying. *Materials Science Forum*, **2010**, 636-637, 917-921	0.4	2
144	Nanocrystalline AlFe intermetallics light weight alloys with high hardness. *Intermetallics*, **2010**, 18, 47-50	3.5	57
143	The supercooled liquid region span of Fe-based bulk metallic glasses. *Journal of Alloys and Compounds*, **2010**, 495, 327-329	5.7	6
142	Bulk amorphous and nanocrystalline Al83Fe17 alloys prepared by consolidation of mechanically alloyed amorphous powder. *Journal of Alloys and Compounds*, **2010**, 495, 382-385	5.7	9
141	Nanocrystalline Ni3Al-based alloys produced by mechanical alloying of Ni-Al-Co powders and consolidation. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2010**, 7, 1384-1387		3
140	Correlation between microstructure and temperature dependence of magnetic properties in Fe60Co18(Nb,Zr)6B15Cu1 alloy series. *Journal of Applied Physics*, **2009**, 105, 093928	2.5	11
139	Magnetic Anisotropy of Nanocrystalline HITPERM-Type Alloys and its Correlation with Application. *Solid State Phenomena*, **2009**, 154, 169-173	0.4	
138	Nanocrystalline and amorphous AlFe alloys containing 60 85% of Al synthesised by mechanical alloying and phase transformations induced by heating of milling products. *Materials Chemistry and Physics*, **2009**, 116, 631-637	4.4	41
137	Nanocrystalline Al-based alloys lightweight materials with attractive mechanical properties. *Journal of Physics: Conference Series*, **2009**, 144, 012083	0.3	2
136	Supersaturated solid solution obtained by mechanical alloying of 75% Fe, 20% Ge and 5% Nb mixture at different milling intensities. *Journal of Alloys and Compounds*, **2009**, 469, 169-178	5.7	14
135	Nanocrystalline phase obtained by mechanical alloying of Al60Fe15Si15Ti10 powder mixture followed by consolidation. *Journal of Alloys and Compounds*, **2009**, 483, 186-189	5.7	15
134	Formation and properties of the Zr75AlxNi10Cu10Ti5 bulk metallic glasses. *Journal of Alloys and Compounds*, **2009**, 483, 47-49	5.7	4
133	Bulk amorphous Ni59Zr20Ti16Sn5 alloy fabricated by powder compaction. *Journal of Alloys and Compounds*, **2009**, 483, 162-164	5.7	1
132	Specific heat measurements on amorphous and nanocrystalline Al88Y5Ni5Co2. *Journal of Alloys and Compounds*, **2009**, 478, 19-21	5.7	
131	Structure and magnetic properties of magnetostrictive rapidly-quenched alloys for force sensors applications. *Journal of Physics: Conference Series*, **2009**, 144, 012062	0.3	3

130	Structure and thermal stability of melt spun and mechanically alloyed Cu47Ti34Zr11Ni8and Cu47Ti34Sn11Ni8alloys. *Journal of Physics: Conference Series*, **2009**, 144, 012023	0.3	1
129	High temperature coercivity of Nb-containing HITPERM alloys: Effect of Cu addition. *Materials Letters*, **2008**, 62, 780-783	3.3	6
128	Analysis of the mechanically alloyed Fe85Nb5B10 powder using a non-unique lattice parameter. *Journal of Non-Crystalline Solids*, **2008**, 354, 5132-5134	3.9	2
127	Nanocomposites obtained by mechanical alloying in FeAlTiC system. *Journal of Alloys and Compounds*, **2008**, 448, 227-233	5.7	26
126	An equivalent time approach for scaling the mechanical alloying processes. *Intermetallics*, **2008**, 16, 470-478	3.5	22
125	Evaluation on the reliability of criterions for glass-forming ability of Fe(Co)-based bulk metallic glasses. *Journal of Materials Processing Technology*, **2008**, 204, 465-468	5.3	9
124	Bulk Nanostructured Al-Si-Ni-Mishmetal Alloys Produced by High-Pressure Hot Compaction. *Solid State Phenomena*, **2007**, 130, 189-192	0.4	1
123	New FeCrMoGaC composites with high compressive strength and large plasticity. *Acta Materialia*, **2007**, 55, 3513-3520	8.4	13
122	Magnetically soft nanomaterials for high-temperature applications. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 449-451, 397-400	5.3	4
121	Ni59Zr20Ti16Si5 bulk amorphous alloy obtained by mechanical alloying and powder consolidation. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2007**, 449-451, 1127-1130	5.3	9
120	Structure and magnetic properties of mechanically alloyed NiCe and CoCe alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 449-451, 440-443	5.3	8
119	Thermal and magnetic properties of Hf-containing HITPERM alloys. *Journal of Magnetism and Magnetic Materials*, **2007**, 308, 227-232	2.8	19
118	Crystallisation and magnetic behaviour of amorphous and nanocrystalline Fe81 Nix Coy Zr7B12 alloys. *Physica Status Solidi (A) Applications and Materials Science*, **2007**, 204, 3179-3192	1.6	1
117	Mössbauer study on amorphous and nanocrystalline (Fe1Cox)86Hf7B6Cu1 alloys. *Materials Characterization*, **2007**, 58, 143-147	3.9	10
116	Nanocrystalline FeAlTiN composites obtained by hot-pressing consolidation of reactively milled powders. *Scripta Materialia*, **2007**, 57, 553-556	5.6	38
115	High-frequency soft magnetic properties of Finemet modified with Co. *Journal of Magnetism and Magnetic Materials*, **2007**, 316, e820-e822	2.8	14
114	Magnetic properties of nanocrystalline FeNiCo x ZrB alloys (x=0, 10, 20). *Hyperfine Interactions*, **2007**, 165, 183-188	0.8	
113	Ni59Zr20Ti16Sn5 amorphous alloy obtained by melt spinning and mechanical alloying. *Journal of Non-Crystalline Solids*, **2007**, 353, 845-847	3.9	2

112	Thermal and microstructural stability of the soft magnetic Fe60Co18Nb6B15Cu1 alloy. *Journal of Non-Crystalline Solids*, **2007**, 353, 872-874	3.9	7
111	Magnetically soft nanomaterials for high-temperature applications. *Journal of Alloys and Compounds*, **2007**, 434-435, 623-627	5.7	24
110	Fabrication and structure of bulk nanocrystalline Al88Si5Ni5Mischmetal alloys. *Journal of Alloys and Compounds*, **2007**, 434-435, 272-274	5.7	3
109	Evolution of structure in austenitic steel powders during ball milling and subsequent sintering. *Journal of Alloys and Compounds*, **2007**, 434-435, 340-343	5.7	20
108	Nanocrystalline Ni3Al alloy produced by mechanical alloying of nickel aluminides and hot-pressing consolidation. *Journal of Alloys and Compounds*, **2007**, 434-435, 344-347	5.7	42
107	A direct extension of the Avrami equation to describe the non-isothermal crystallization of Al-base alloys. *Journal of Alloys and Compounds*, **2007**, 434-435, 187-189	5.7	9
106	Nanoindentation studies of Zr-based bulk metallic glasses. *Journal of Alloys and Compounds*, **2007**, 441, 62-65	5.7	24
105	Nanocrystalline FeAl intermetallic produced by mechanical alloying followed by hot-pressing consolidation. *Intermetallics*, **2007**, 15, 201-205	3.5	82
104	Microstructure and mechanical properties of bulk nanocrystalline Al88Mm5Ni5Fe2 alloy consolidated at high pressure. *Intermetallics*, **2007**, 15, 891-900	3.5	10
103	Nanocrystalline FeAl matrix composites reinforced with TiC obtained by hot-pressing consolidation of mechanically alloyed powders. *Intermetallics*, **2007**, 15, 1377-1383	3.5	66
102	Formation and magnetic properties of Co-Fe-based bulk metallic glasses with supercooled liquid region. *Journal of Magnetism and Magnetic Materials*, **2006**, 299, 492-495	2.8	9
101	Influence of High Pressure Hot Compaction on Microstructure of Al-Si-Ni-Mm Alloys. *Solid State Phenomena*, **2006**, 114, 251-256	0.4	
100	rf-Mössbauer study of the magnetic properties of nanocrystalline FeNiZrB and FeNiCoZrB alloys. *Journal of Applied Physics*, **2006**, 99, 08F112	2.5	4
99	Phase transformations during mechanical alloying of Fe-50% Al and subsequent heating of the milling product. *Journal of Alloys and Compounds*, **2006**, 424, 119-127	5.7	73
98	Thermal stability and magnetic properties of Co-Fe-Hf-Ti-Mo-B bulk metallic glass. *Intermetallics*, **2006**, 14, 1066-1068	3.5	14
97	Magnetic study of Hitperm alloys (Fe0.5Co0.5)1-x-y-z Mx By Cuz (M = Hf, Zr, Nb). *Physica Status Solidi (A) Applications and Materials Science*, **2006**, 203, 1561-1566	1.6	5
96	Structure and high temperature magnetic properties of nanocrystalline (Fe0.6Co0.4)86Hf7B6Cu1 alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2006**, 426, 169-172	5.3	2
95	Magnetic properties of HITPERM-type alloys at high temperature. *Journal of Magnetism and Magnetic Materials*, **2006**, 304, e651-e653	2.8	13

94	Magnetoelastic properties of HITPERM-type Fe41,5Co41,5Cu1Nb3B13 nanocrystalline alloy. *Journal of Magnetism and Magnetic Materials*, **2006**, 304, e624-e626	2.8	10
93	Magnetic properties of nanocrystalline FeNiCoxZrB alloys (x = 0, 10, 20) **2006**, 183-188		
92	Effect of substitution of rare earth by mischmetal on the devitrification process of AlXNiCo (X=Y, Ce, Mm) alloys. *Journal of Non-Crystalline Solids*, **2005**, 351, 158-166	3.9	15
91	Bulk amorphous cast iron with small boron addition, produced by powder compaction at high pressure. *Journal of Alloys and Compounds*, **2005**, 395, 59-62	5.7	3
90	Glass formation and sluggish nucleation: Growth in ternary eutectic CoHfB system. *Journal of Non-Crystalline Solids*, **2005**, 351, 1696-1700	3.9	7
89	Temperature of nanocrystallisation of magnetically soft alloys for high-temperature applications. *Journal of Materials Processing Technology*, **2005**, 162-163, 215-219	5.3	14
88	Influence of measuring temperature in size dependence of coercivity in nanostructured alloys. *Journal of Magnetism and Magnetic Materials*, **2005**, 290-291, 171-174	2.8	3
87	Influence of structure on coercivity in nanocrystalline (Fe1-xCox)86Hf7B6Cu1 alloys. *Physica B: Condensed Matter*, **2005**, 370, 151-157	2.8	25
86	Structural Changes in High Speed Steel Powders Subjected to Ball Milling. *Journal of Metastable and Nanocrystalline Materials*, **2005**, 24-25, 585-588	0.2	1
85	Thermal Stability of Magnetic Properties of Nanocrystalline Fe-Co-Hf-Cu-B Alloys. *Journal of Metastable and Nanocrystalline Materials*, **2005**, 24-25, 635-638	0.2	
84	Crystallization Kinetics of Al-Mm-Ni-(Co,Fe) Alloys. *Solid State Phenomena*, **2005**, 101-102, 265-268	0.4	4
83	Magnetically Soft Nanocrystalline Materials Obtained by Devitrification of Metallic Glasses **2005**, 47-57		1
82	Quality of Compaction and Microhardness of Bulk Nanocrystalline Al88Mm5Ni5Fe2 Alloy Consolidated at High Pressure. *Journal of Metastable and Nanocrystalline Materials*, **2005**, 24-25, 403-406	0.2	
81	Size dependence of coercivity in nanostructured soft alloys. *Physical Review B*, **2004**, 69,	3.3	28
80	Magnetic Properties and Stability of Magnetically Soft Nanomaterials for High-Temperature Applications. *Journal of Metastable and Nanocrystalline Materials*, **2004**, 20-21, 747-752	0.2	2
79	Bulk Nanostructured Al-Mm-Ni-(Fe,Co) Alloys Produced by High-Pressure Hot Compaction. *Journal of Metastable and Nanocrystalline Materials*, **2004**, 20-21, 77-82	0.2	
78	Effect of the substitution of Fe by Co on the magnetic properties and microstructure of nanocrystalline (Fe1-xCox)86Hf7B6Cu1 alloys. *Journal of Magnetism and Magnetic Materials*, **2004**, 284, 86-91	2.8	13
77	Microstructure and magnetic properties of Fe81P13Si2Nb3Cu1 nanocrystalline alloy. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 1360-1361	2.8	

76	Effect of Co addition on nanocrystallization and soft magnetic properties of (Fe1Co)73.5Cu1Nb3Si13.5B9 alloys. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 1447-1448	2.8	16
75	Nanocrystallization of AlMmNi(Fe, Co) alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 375-377, 956-960	5.3	10
74	Dependence of magnetic properties of the FeCoCuNbSiB nanocrystalline alloys on magnetic field frequency and temperature. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 375-377, 1072-1077	5.3	12
73	Structure and magnetic properties of high temperature nanocrystalline FeCoCuNbSiB alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2004**, 375-377, 1078-1082	5.3	20
72	Magnetic properties at elevated temperatures of Co substituted Finemet alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 375-377, 1110-1115	5.3	13
71	The Influence of Nanocrystallization Process on Magnetoelastic and Structural Properties of Fe73.5Nb3Cu1Si16.5-xB6+x (x=0; 3) Alloys. *European Physical Journal D*, **2004**, 54, 173-176		2
70	Structure and magnetoelastic properties of partially nanocrystallized Fe73.5Nb3Cu1Si16.5B6 alloy. *Physica Status Solidi A*, **2004**, 201, 3305-3308		1
69	Influence of mechanical grinding on the structure and magnetic properties of FeCuNbSiB material. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, E1131-E1133	2.8	5
68	Soft magnetic properties of the amorphous Fe63Ni7Zr10B20 and Fe53Ni7Co10Zr10B20 alloys. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, E1141-E1143	2.8	3
67	Magnetic properties of partially crystallised FeCoHfZrBCu alloys. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 1469-1470	2.8	10
66	Mssbauer and magnetoelastic investigations of the surface effects in Fe72Cu1.5Nb4Si13.5B9 nanocrystalline alloy. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 1443-1444	2.8	5
65	Microstructure and magnetic properties of Fe85Co Nb5B8P2 high temperature nanocrystalline alloys. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 1506-1507	2.8	4
64	Crystallisation behaviour of rapidly quenched cast irons with small amount of boron. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 375-377, 722-727	5.3	3
63	Magnetic and transport properties of nanocrystallizing supercooled amorphous alloy Fe74Al4Ga2P11B4Si4Cu1. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 375-377, 377-380	5.3	8
62	Investigations of effective magnetic anisotropy and magnetostriction of amorphous and nanocrystalline Fe71.5Cu1Nb3Al2Si13.5B9 alloy by FMR. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 375-377, 1173-1176	5.3	3
61	Magnetically Soft Nanocrystalline Powders of Fe73.5Cu1Nb3Si13.5B9 Obtained by Mechanical Alloying and Ball Milling. *Journal of Metastable and Nanocrystalline Materials*, **2003**, 15-16, 659-664	0.2	2
60	FeAlTiN nanocomposite produced by reactive ball milling and hot-pressing consolidation. *Scripta Materialia*, **2003**, 48, 1489-1494	5.6	30
59	Effect of Cu, Nb and Ta addition on the structural and magnetic properties of amorphous FeSiB alloys. *Journal of Magnetism and Magnetic Materials*, **2003**, 254-255, 492-494	2.8	32

58	Influence of intrinsic and induced anisotropy on magnetoimpedance effect in amorphous CO67Fe4Mo1.5Si16.5B11. *Journal of Magnetism and Magnetic Materials*, **2003**, 254-255, 498-500	2.8	5
57	Structure and magnetic properties of bulk amorphous Fe60Co10Ni10Zr7B13 alloy formed by mechanical synthesis and hot pressing. *Journal of Non-Crystalline Solids*, **2003**, 330, 75-80	3.9	11
56	Magnetically Soft Fe-Co-Based Nanocrystalline Alloys. *Solid State Phenomena*, **2003**, 94, 67-70	0.4	1
55	Nanostructured Al-Mm-Ni-(Fe,Co) Alloys Produced by Devitrification. *Solid State Phenomena*, **2003**, 94, 71-74	0.4	4
54	Evolution of the hyperfine and magnetoelastic parameters in the course of crystallization process in niobium-free FINEMET-type alloy. *Journal of Magnetism and Magnetic Materials*, **2002**, 250, 83-91	2.8	9
53	Mechanochemical Synthesis of Mo-Doped Nickel Aluminides. *Inorganic Materials*, **2002**, 38, 900-904	0.9	3
52	Magnetically soft nanomaterials for high-temperature applications. *IEEE Transactions on Magnetics*, **2002**, 38, 3075-3077	2	16
51	Formation of stable and metastable phases in Ni–Al–Nb and Ni–Al–Me–C (Me=Ti, Nb or V) powder systems during mechanical alloying and thermal treatment. *Journal of Alloys and Compounds*, **2002**, 333, 225-230	5.7	6
50	Formation of nickel aluminides by mechanical alloying and thermodynamics of interaction. *Journal of Alloys and Compounds*, **2002**, 336, 196-201	5.7	51
49	The FeAl–30%TiC nanocomposite produced by mechanical alloying and hot-pressing consolidation. *Intermetallics*, **2002**, 10, 371-376	3.5	61
48	Nanocrystallisation of Soft Magnetic Fe-Co-Zr-Cu-B Alloys. *Acta Physica Polonica A*, **2002**, 102, 323-328	0.6	3
47	Effect of Annealing Conditions and Alloy Composition on Primary Crystals Created in Al-Y-Ni Glasses. *Materials Science Forum*, **2001**, 360-362, 149-154	0.4	1
46	Nanocrystallization of metallic glasses. *Journal of Non-Crystalline Solids*, **2001**, 287, 145-161	3.9	179
45	Effect of quenching rate on crystallization in Fe73.5Si13.5B9Cu1Nb3 alloy. *Journal of Magnetism and Magnetic Materials*, **2000**, 215-216, 372-374	2.8	8
44	Effect of quenching rate on magnetic properties and local magnetic anisotropy in Fe78Si9B13 glass. *Journal of Magnetism and Magnetic Materials*, **2000**, 215-216, 455-458	2.8	8
43	Microstructural transformation and magnetic properties of annealed CoNbCuSiB alloy. *Journal of Magnetism and Magnetic Materials*, **2000**, 215-216, 495-498	2.8	16
42	Solid state reactions in Ni–Al–Ti–C system by mechanical alloying. *Journal of Alloys and Compounds*, **2000**, 308, 230-236	5.7	24
41	Magnetization processes in partially crystallized Co-based metallic glass. *IEEE Transactions on Magnetics*, **1999**, 35, 3877-3879	2	1

40	The Influence of Annealing Temperature on Magnetic Properties of Vitrovac 6030. *Acta Physica Polonica A*, **1999**, 96, 483-494	0.6	1
39	Giant Magnetic Hardening in Co-based Metallic Glasses#). *Journal of the Magnetics Society of Japan*, **1999**, 23, 549-551		
38	Gradually Devitrified Co-Based Metallic Glass As a Model Material for Testing Néel's Theory of the Rayleigh Rule. *Acta Physica Polonica A*, **1999**, 95, 287-296	0.6	1
37	Tailoring soft and hard magnets by annealing Co-based metallic glass. *Journal of Magnetism and Magnetic Materials*, **1998**, 190, 267-276	2.8	11
36	Annealing Temperature Dependence of Size, Morphology and Composition of Primary Crystals Created in Fe76.5Cu1Si13.5B9 Glass. *Materials Science Forum*, **1998**, 269-272, 707-712	0.4	8
35	Correlation between microstructure and magnetic properties of amorphous and nanocrystalline Fe73.5Cu1Nb3Si16.5B6. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1997**, 226-228, 701-705	5.3	12
34	Correlation between Barkhausen Noise and Coercivity in Amorphous and Nanocrystalline Fe-Cu-Nb-Si-B Alloys. *Acta Physica Polonica A*, **1997**, 91, 435-438	0.6	
33	Magnetic properties of Fe76.5Cu1NbxSi13.5B9 alloys nanocrystallized from amorphous state. *Journal of Magnetism and Magnetic Materials*, **1996**, 160, 269-270	2.8	11
32	Low Temperature Nanocrystallization of Iron-Based Amorphous Alloys. *Materials Science Forum*, **1996**, 235-238, 421-426	0.4	7
31	Magnetic and electron transport study of nanocrystalline alloys. *Journal of Magnetism and Magnetic Materials*, **1995**, 140-144, 419-420	2.8	6
30	Magnetic properties of nanocrystalline Fe73.5Cu1Nb3Si16.5B6. *Journal of Magnetism and Magnetic Materials*, **1995**, 140-144, 433-434	2.8	16
29	Study of nanocrystalline Fe/sub 73.5/Cu/sub 1/Nb/sub 3/Si/sub 16.5/B/sub 6/ ribbons by high-resolution /spl Delta/E measurements. *IEEE Transactions on Magnetics*, **1995**, 31, 3895-3897	2	6
28	Influence of Cu and Ta on the stress induced anisotropy in FeSiB amorphous ribbons. *IEEE Transactions on Magnetics*, **1995**, 31, 3781-3783	2	1
27	Nanocrystallization and Structure of Fe73.5Cu1Nb3Si22.5-xBx Alloys. *Materials Science Forum*, **1995** , 179-181, 587-592	0.4	14
26	Analysis of the dependence of spin-spin correlations on the thermal treatment of nanocrystalline materials. *Physical Review B*, **1995**, 51, 3581-3586	3.3	219
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