

Alejandro Conde

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.

252
papers

7,136
citations

36
h-index

77
g-index

253
ext. papers

7,902
ext. citations

3.7
avg. IF

6.03
L-index

#	Paper	IF	Citations
252	Kinetic Analysis of the Transformation from 14M Martensite to L21 Austenite in Ni-Fe-Ga Melt Spun Ribbons. <i>Metals</i> , 2021 , 11, 849	2.3	2
251	Influence of Thermal and Magnetic History on Direct Heat Measurements of Ni _{49+x} Mn _{36-x} In ₁₅ Heusler Alloys. <i>Metals</i> , 2019 , 9, 1144	2.3	5
250	How concurrent thermomagnetic transitions can affect magnetocaloric effect: The Ni _{49+x} Mn _{36-x} In ₁₅ Heusler alloy case. <i>Acta Materialia</i> , 2019 , 166, 459-465	8.4	15
249	Influence of the starting temperature of calorimetric measurements on the accuracy of determined magnetocaloric effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 457, 64-69	2.8	8
248	Preface to Special Topic: 23rd Soft Magnetic Materials Conference, 10-13 September 2017, Sevilla, Spain. <i>AIP Advances</i> , 2018 , 8, 047001	1.5	
247	On the Use of JMAK Theory to Describe Mechanical Amorphization: A Comparison between Experiments, Numerical Solutions and Simulations. <i>Metals</i> , 2018 , 8, 450	2.3	9
246	Magnetocaloric effect: From materials research to refrigeration devices. <i>Progress in Materials Science</i> , 2018 , 93, 112-232	42.2	592
245	Grinding and particle size selection as a procedure to enhance the magnetocaloric response of La(Fe,Si) ₁₃ bulk samples. <i>Intermetallics</i> , 2017 , 84, 30-34	3.5	11
244	Ball milling as a way to produce magnetic and magnetocaloric materials: a review. <i>Journal of Materials Science</i> , 2017 , 52, 11834-11850	4.3	29
243	Influence of Noise on the Determination of Curie Temperature From Magnetocaloric Analysis. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-4	2	1
242	Study of phases evolution in high-coercive MnAl powders obtained through short milling time of gas-atomized particles. <i>Journal of Alloys and Compounds</i> , 2017 , 712, 373-378	5.7	21
241	Two different critical regimes enclosed in the Bean-Rodbell model and their implications for the field dependence and universal scaling of the magnetocaloric effect. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 3582-3595	3.6	25
240	Time evolution of mechanical amorphization: A kinetic model. <i>Scripta Materialia</i> , 2017 , 130, 260-263	5.6	3
239	Predicting the tricritical point composition of a series of LaFeSi magnetocaloric alloys via universal scaling. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 414004	3	25
238	Nanostructuring as a procedure to control the field dependence of the magnetocaloric effect. <i>Materials and Design</i> , 2017 , 114, 214-219	8.1	17
237	Optimal temperature range for determining magnetocaloric magnitudes from heat capacity. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 495001	3	7
236	Anisotropy field distribution in soft magnetic Hitperm alloys submitted to different field annealing processes. <i>Journal of Alloys and Compounds</i> , 2016 , 658, 367-371	5.7	6

235	A hybrid silver-magnetite detector based on surface enhanced Raman scattering for differentiating organic compounds. <i>Sensors and Actuators B: Chemical</i> , 2016 , 228, 124-133	8.5	28
234	Nanocrystallization kinetics understood as multiple microprocesses following the classical theory of crystallization. <i>Journal of Alloys and Compounds</i> , 2016 , 675, 81-85	5.7	6
233	Gd+GdZn biphasic magnetic composites synthesized in a single preparation step: Increasing refrigerant capacity without decreasing magnetic entropy change. <i>Journal of Alloys and Compounds</i> , 2016 , 675, 244-247	5.7	22
232	Magnetocaloric response of amorphous and nanocrystalline Cr-containing Vitroperm-type alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 409, 56-61	2.8	12
231	A New Method for Determining the Curie Temperature From Magnetocaloric Measurements. <i>IEEE Magnetics Letters</i> , 2016 , 7, 1-4	1.6	9
230	A unified approach to describe the thermal and magnetic hysteresis in Heusler alloys. <i>Applied Physics Letters</i> , 2016 , 109, 122410	3.4	9
229	Enhancement of magnetocaloric effect in B-rich FeZrBCu amorphous alloys. <i>Journal of Alloys and Compounds</i> , 2015 , 622, 756-760	5.7	18
228	Influence of hot compaction on microstructure and magnetic properties of mechanically alloyed Fe(Co)-based amorphous compositions. <i>Journal of Alloys and Compounds</i> , 2015 , 653, 546-551	5.7	5
227	Effect of Fe impurities on the field dependence of magnetocaloric response in LaFe _{11.5} Si _{1.5} . <i>Journal of Alloys and Compounds</i> , 2015 , 646, 101-105	5.7	14
226	On the use of classical JMAK crystallization kinetic theory to describe simultaneous processes leading to the formation of different phases in metals. <i>International Journal of Thermal Sciences</i> , 2015 , 88, 1-6	4.1	11
225	Analysis of magnetocaloric effect of ball milled amorphous alloys: Demagnetizing factor and Curie temperature distribution. <i>Journal of Alloys and Compounds</i> , 2015 , 622, 606-609	5.7	17
224	Influence of microstructure on the enhancement of soft magnetic character and the induced anisotropy of field annealed HITPERM-type alloys. <i>Journal of Applied Physics</i> , 2015 , 117, 17A301	2.5	8
223	Enhanced cryogenic magnetocaloric effect in Eu ₈ Ga ₁₆ Ge ₃₀ clathrate nanocrystals. <i>Journal of Applied Physics</i> , 2015 , 117, 033903	2.5	9
222	Magnetocaloric effect of Co ₆₂ Nb ₆ Zr ₂ B ₃₀ amorphous alloys obtained by mechanical alloying or rapid quenching. <i>Journal of Applied Physics</i> , 2014 , 115, 17A302	2.5	22
221	Amorphization and evolution of magnetic properties during mechanical alloying of Co ₆₂ Nb ₆ Zr ₂ B ₃₀ : Dependence on starting boron microstructure. <i>Journal of Alloys and Compounds</i> , 2014 , 585, 485-490	5.7	16
220	Magnetocaloric effect and critical behavior in Pr _{0.5} Sr _{0.5} MnO ₃ : an analysis of the validity of the Maxwell relation and the nature of the phase transitions. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 286001	1.8	31
219	Crystallization kinetics and soft magnetic properties in metalloid-free (Fe, Co) ₉₀ Zr ₁₀ amorphous and nanocrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2014 , 615, S213-S216	5.7	4
218	Influence of the demagnetizing factor on the magnetocaloric effect: Critical scaling and numerical simulations. <i>Applied Physics Letters</i> , 2014 , 104, 252405	3.4	25

217	A procedure to extract the magnetocaloric parameters of the single phases from experimental data of a multiphase system. <i>Applied Physics Letters</i> , 2014 , 105, 172405	3.4	7
216	Structural relaxation in Fe(Co)SiAlGaPCB amorphous alloys. <i>Journal of Alloys and Compounds</i> , 2014 , 584, 607-610	5.7	5
215	Extracting the composition of nanocrystals of mechanically alloyed systems using Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2014 , 610, 92-99	5.7	6
214	Evolution of Fe environments in mechanically alloyed FeNb(B) compositions. <i>Journal of Alloys and Compounds</i> , 2014 , 615, S555-S558	5.7	2
213	Relationship between mechanical amorphization and boron integration during processing of FeNbB alloys. <i>Intermetallics</i> , 2014 , 49, 98-105	3.5	11
212	Milling effects on magnetic properties of melt spun Fe-Nb-B alloy. <i>Journal of Applied Physics</i> , 2014 , 115, 17B518	2.5	5
211	Metastable Soft Magnetic Materials Produced by Mechanical Alloying: Analysis Using an Equivalent Time Approach. <i>Jom</i> , 2013 , 65, 870-882	2.1	11
210	Role of starting phase of boron on the mechanical alloying of FeNbB composition. <i>Journal of Alloys and Compounds</i> , 2013 , 553, 119-124	5.7	13
209	The use of amorphous boron powder enhances mechanical alloying in soft magnetic FeNbB alloy: A magnetic study. <i>Journal of Applied Physics</i> , 2013 , 113, 17A330	2.5	2
208	Influence of magnetic interactions between phases on the magnetocaloric effect of composites. <i>Applied Physics Letters</i> , 2013 , 102, 082402	3.4	33
207	Extension of the classical theory of crystallization to non-isothermal regimes: Application to nanocrystallization processes. <i>Journal of Alloys and Compounds</i> , 2012 , 544, 73-81	5.7	17
206	Analysis of nanocrystallization kinetics and crystal size distribution under limited growth approach. <i>Journal of Alloys and Compounds</i> , 2012 , 536, S550-S553	5.7	1
205	Enhancement of the magnetocaloric effect in composites: Experimental validation. <i>Solid State Communications</i> , 2012 , 152, 1590-1594	1.6	51
204	The Magnetocaloric Effect and Magnetic Refrigeration Near Room Temperature: Materials and Models. <i>Annual Review of Materials Research</i> , 2012 , 42, 305-342	12.8	753
203	Enhancement of the magnetic refrigerant capacity in partially amorphous Fe ₇₀ Zr ₃₀ powders obtained by mechanical alloying. <i>Intermetallics</i> , 2012 , 26, 52-56	3.5	10
202	Magnetic multilayers as a way to increase the magnetic field responsiveness of magnetocaloric materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 7432-6	1.3	8
201	Magnetic refrigerants with continuous phase transitions: Amorphous and nanostructured materials. <i>Scripta Materialia</i> , 2012 , 67, 594-599	5.6	44
200	Comparison of equivalent ball milling processes on Fe ₇₀ Zr ₃₀ and Fe ₇₀ Nb ₃₀ . <i>Journal of Alloys and Compounds</i> , 2012 , 536, S9-S12	5.7	6

199	Magnetocaloric effect and critical exponents of Fe ₇₇ Co _{5.5} Ni _{5.5} Zr ₇ B ₄ Cu ₁ : A detailed study. <i>Journal of Applied Physics</i> , 2011 , 109, 07A905	2.5	37
198	Magnetocaloric effect in melt-spun FePd ribbon alloy with second order phase transition. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 190-194	5.7	25
197	Magnetic and structural characterization of Mo-Hitperm alloys with different Fe/Co ratio. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 1994-2000	5.7	18
196	Two milling time regimes in the evolution of magnetic anisotropy of mechanically alloyed soft magnetic powders. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 1407-1410	5.7	8
195	The magnetocaloric properties of GdScSi and GdScGe. <i>Intermetallics</i> , 2011 , 19, 1573-1578	3.5	31
194	Cellular automata simulations on nanocrystallization processes: From instantaneous growth approximation to limited growth. <i>Journal of Non-Crystalline Solids</i> , 2011 , 357, 2833-2839	3.9	8
193	Analysis of the magnetoresistance contributions in a nanocrystallized Cr-doped FINEMET alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2011 , 323, 699-707	2.8	2
192	Optimization of the refrigerant capacity in multiphase magnetocaloric materials. <i>Applied Physics Letters</i> , 2011 , 98, 102505	3.4	109
191	Structure and magnetic properties of Fe ₈₀ Nb ₂₀ amorphous/nanocrystalline alloys produced by compaction of mechanically alloyed powders. <i>Journal of Applied Physics</i> , 2010 , 107, 073901	2.5	7
190	Influence of Co and Ni addition on the magnetocaloric effect in Fe _{88-x} Co _x Ni _x Zr ₇ B ₄ Cu ₁ soft magnetic amorphous alloys. <i>Applied Physics Letters</i> , 2010 , 96, 182506	3.4	104
189	Mechanical amorphization of Fe ₇₅ Nb ₁₀ B ₁₅ powder: Microstructural and magnetic characterization. <i>Intermetallics</i> , 2010 , 18, 565-568	3.5	9
188	Influence of Co addition on the magnetic properties and magnetocaloric effect of Nanoperm (Fe _{1-x} Co _x) ₇₅ Nb ₁₀ B ₁₅ type alloys prepared by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2010 , 496, 7-12	5.7	26
187	Microstructural characterization by TEM techniques of mechanically alloyed FeNbGe powders. <i>Journal of Alloys and Compounds</i> , 2010 , 505, 86-90	5.7	4
186	Nucleation rate and nanocrystallization of Co ₆₀ (Fe, Mn) ₁₈ Nb ₆ B ₁₆ amorphous alloys in the frame of instantaneous growth approximation. <i>Journal of Alloys and Compounds</i> , 2010 , 505, 91-95	5.7	5
185	Field dependence of the magnetocaloric effect in core-shell nanoparticles. <i>Journal of Applied Physics</i> , 2010 , 107, 09A902	2.5	48
184	Thermal stability of a supersaturated Fe-Ge-Nb solid solution produced by ball milling. <i>Journal of Physics: Conference Series</i> , 2010 , 217, 012083	0.3	
183	Influence of Mn on the magnetocaloric effect of nanoperm-type alloys. <i>Journal of Applied Physics</i> , 2010 , 108, 073921	2.5	26
182	Scaling analysis of the magnetocaloric effect in Gd ₅ Si ₂ Ge _{1.9} X _{0.1} (X=Al, Cu, Ga, Mn, Fe, Co). <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 218-223	2.8	107

181	Study of the field dependence of the magnetocaloric effect in Nd _{1.25} Fe ₁₁ Ti: A multiphase magnetic system. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 804-807	2.8	24
180	Scaling laws for the magnetocaloric effect in second order phase transitions: From physics to applications for the characterization of materials. <i>International Journal of Refrigeration</i> , 2010 , 33, 465-473	3.8	417
179	Nanocrystallization kinetics under instantaneous growth approximation: Experiments and cellular automata simulations. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010 , 207, 1148-1153	1.6	7
178	Correlation between microstructure and temperature dependence of magnetic properties in Fe ₆₀ Co ₁₈ (Nb,Zr) ₆ B ₁₅ Cu ₁ alloy series. <i>Journal of Applied Physics</i> , 2009 , 105, 093928	2.5	11
177	The influence of a minority magnetic phase on the field dependence of the magnetocaloric effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1115-1120	2.8	84
176	Preferential Co partitioning to Fe in nanocrystalline CoFeNbB alloys by Mn addition. <i>Journal of Non-Crystalline Solids</i> , 2009 , 355, 109-113	3.9	10
175	Supersaturated solid solution obtained by mechanical alloying of 75% Fe, 20% Ge and 5% Nb mixture at different milling intensities. <i>Journal of Alloys and Compounds</i> , 2009 , 469, 169-178	5.7	14
174	Specific heat measurements on amorphous and nanocrystalline Al ₈₈ Y ₅ Ni ₅ Co ₂ . <i>Journal of Alloys and Compounds</i> , 2009 , 478, 19-21	5.7	
173	Field dependence of the adiabatic temperature change in second order phase transition materials: Application to Gd. <i>Journal of Applied Physics</i> , 2009 , 106, 103911	2.5	39
172	The magnetocaloric effect in materials with a second order phase transition: Are TC and T _{peak} necessarily coincident?. <i>Journal of Applied Physics</i> , 2009 , 105, 07A917	2.5	126
171	Magnetocaloric response of Fe ₇₅ Nb ₁₀ B ₁₅ powders partially amorphized by ball milling. <i>Journal of Applied Physics</i> , 2009 , 105, 123922	2.5	38
170	Microstructural evolution characterization of FeNbB ternary systems processed by ball milling. <i>Philosophical Magazine</i> , 2009 , 89, 1415-1423	1.6	25
169	Influence of the demagnetizing field on the determination of the magnetocaloric effect from magnetization curves. <i>Journal of Applied Physics</i> , 2009 , 105, 07A919	2.5	52
168	High temperature coercivity of Nb-containing HITPERM alloys: Effect of Cu addition. <i>Materials Letters</i> , 2008 , 62, 780-783	3.3	6
167	Tailoring of magnetocaloric response in nanostructured materials: Role of anisotropy. <i>Physical Review B</i> , 2008 , 77,	3.3	45
166	Instantaneous growth approximation describing the nanocrystallization process of amorphous alloys: A cellular automata model. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 3597-3605	3.9	18
165	Nanocrystallization effects on the specific heat of FeCoNbB amorphous alloy. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 5135-5137	3.9	7
164	Analysis of the mechanically alloyed Fe ₈₅ Nb ₅ B ₁₀ powder using a non-unique lattice parameter. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 5132-5134	3.9	2

163	Kinetic and microstructural studies on the devitrification of Fe ₆₀ Co ₁₈ Mn _x Nb ₆ B ₁₆ amorphous alloys. <i>Journal of Alloys and Compounds</i> , 2008 , 454, 156-163	5.7	8
162	An equivalent time approach for scaling the mechanical alloying processes. <i>Intermetallics</i> , 2008 , 16, 470-478	3.5	22
161	Mechanical alloying of Fe _{100-x-y} Nb _x By (x=5, 10; y=10, 15): From pure powder mixture to amorphous phase. <i>Intermetallics</i> , 2008 , 16, 1073-1082	3.5	21
160	A universal curve for the magnetocaloric effect: an analysis based on scaling relations. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 285207	1.8	240
159	Influence of Ge addition on the magnetocaloric effect of a Co-containing Nanoperm-type alloy. <i>Journal of Applied Physics</i> , 2008 , 103, 07B316	2.5	72
158	Magnetocaloric response of FeCrB amorphous alloys: Predicting the magnetic entropy change from the Arrott-Noakes equation of state. <i>Journal of Applied Physics</i> , 2008 , 104, 033903	2.5	57
157	Magnetic permeability of (FeCoGe) ₈₈ Zr ₆ B ₅ Cu ₁ alloys: Thermal stability in a wide temperature range. <i>Journal of Applied Physics</i> , 2008 , 103, 07E721	2.5	2
156	The magnetocaloric effect in soft magnetic amorphous alloys. <i>Journal of Applied Physics</i> , 2007 , 101, 09C503	3.5	82
155	A constant magnetocaloric response in FeMoCuB amorphous alloys with different FeB ratios. <i>Journal of Applied Physics</i> , 2007 , 101, 093903	2.5	106
154	Microstructure and magnetic properties of FeMoBCu alloys: Influence of B content. <i>Acta Materialia</i> , 2007 , 55, 5675-5683	8.4	12
153	Enhanced magnetocaloric response in CrMo containing Nanoperm-type amorphous alloys. <i>Applied Physics Letters</i> , 2007 , 90, 052509	3.4	81
152	On the isothermal kinetics analysis of transformations in metastable systems: combined use of isothermal and non-isothermal calorimetry. <i>Philosophical Magazine</i> , 2007 , 87, 4151-4167	1.6	12
151	Magnetocaloric effect in Mn-containing Hitperm-type alloys. <i>Journal of Applied Physics</i> , 2007 , 102, 013908	3.5	11
150	Thermal and microstructural stability of the soft magnetic Fe ₆₀ Co ₁₈ Nb ₆ B ₁₅ Cu ₁ alloy. <i>Journal of Non-Crystalline Solids</i> , 2007 , 353, 872-874	3.9	7
149	Thermal and microstructural dependence of the initial permeability of Co ₆₀ Fe ₁₈ Nb ₆ (B,Cu) ₁₆ alloys. <i>Journal of Alloys and Compounds</i> , 2007 , 431, 100-106	5.7	3
148	A direct extension of the Avrami equation to describe the non-isothermal crystallization of Al-base alloys. <i>Journal of Alloys and Compounds</i> , 2007 , 434-435, 187-189	5.7	9
147	Structural ordering and magnetic properties of arc-melted FeGa alloys. <i>Intermetallics</i> , 2007 , 15, 193-200	3.5	43
146	Ball milling of Fe ₈₃ Zr ₆ B ₁₀ Cu ₁ amorphous alloy containing quenched in crystals. <i>Intermetallics</i> , 2007 , 15, 1132-1138	3.5	10

145	Nanocrystalline Fe ₇₀ Nb ₁₀ (B,Ge) alloys from ball milling: Microstructure, thermal stability and magnetic properties. <i>Intermetallics</i> , 2007 , 15, 1351-1360	3.5	10
144	Mean magnetic moment of polydisperse superparamagnetic nanoparticles: correlation between grain size and magnetic moment distributions. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 1043-1051	1.3	3
143	Field dependence of the magnetocaloric effect in Gd and (Er 1-x Dy x)Al 2 : Does a universal curve exist?. <i>Europhysics Letters</i> , 2007 , 79, 47009	1.6	109
142	Joule heating as a technique for obtaining uncoupled soft and hard magnetic phases in a Finemet alloy. <i>Journal of Applied Physics</i> , 2007 , 101, 033909	2.5	10
141	Ball milling nanocrystallization of arc-melted and melt-spun Fe ₇₈ Co ₅ Nb ₃ Zr ₃ B ₅ Ge ₅ Cu ₁ alloy: microstructure and magnetic properties. <i>Philosophical Magazine</i> , 2006 , 86, 2271-2282	1.6	1
140	The influence of Co addition on the magnetocaloric effect of Nanoperm-type amorphous alloys. <i>Journal of Applied Physics</i> , 2006 , 100, 064307	2.5	95
139	Influence of Co addition on the magnetocaloric effect of FeCoSiAlGaPCB amorphous alloys. <i>Applied Physics Letters</i> , 2006 , 88, 132509	3.4	81
138	Refrigerant capacity of FeCrMoCuGaPCB amorphous alloys. <i>Journal of Applied Physics</i> , 2006 , 100, 083903	3.5	66
137	Crystallization behavior and magnetic properties of Cu-containing FeCrMoCuGaPCB alloys. <i>Journal of Applied Physics</i> , 2006 , 100, 043515	2.5	9
136	Field dependence of the magnetocaloric effect in materials with a second order phase transition: A master curve for the magnetic entropy change. <i>Applied Physics Letters</i> , 2006 , 89, 222512	3.4	715
135	A Finemet-type alloy as a low-cost candidate for high-temperature magnetic refrigeration. <i>Applied Physics Letters</i> , 2006 , 88, 042505	3.4	101
134	Mössbauer study of a Fe ₇₀ Zr ₁₀ B ₁₀ (Cu, Ge, Co) nanocrystalline alloy series. <i>Journal of Alloys and Compounds</i> , 2006 , 422, 32-39	5.7	11
133	Multimodal grain size distributions obtained from high-temperature magnetization curves: A thermodynamical approach to the role of anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, e483-e485	2.8	2
132	Effects of high temperature treatments in air and argon on the magnetic properties of HITPERM alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, e627-e629	2.8	4
131	Composition dependence of Curie temperature and microstructure in amorphous Fe ₇₀ Co ₁₀ Mo ₁₀ Cu ₁₀ B metallic glasses. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, e739-e742	2.8	19
130	Detection of the onset of nanocrystallization by calorimetric and magnetic measurements. <i>Journal of Applied Physics</i> , 2005 , 97, 044308	2.5	5
129	Effect of partial substitution of Ge for B on the high temperature response of soft magnetic nanocrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2005 , 395, 313-317	5.7	7
128	Effects of the heating rate on the microstructure and the thermal stability of FeCoNbB(Cu) nanocrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2005 , 397, 173-178	5.7	6

127	Study of the short-range order of FeCoSiAlGaPCB amorphous alloys by EXAFS spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 1593-1596	2.8	
126	Partial substitution of Co and Ge for Fe and B in Fe ₇₈ Co _x Nb ₆ B ₁₅ Cu ₁ alloys: microstructure and soft magnetic applicability at high temperature. <i>Acta Materialia</i> , 2005 , 53, 1241-1251	8.4	22
125	Non-isothermal approach to isokinetic crystallization processes: Application to the nanocrystallization of HITPERM alloys. <i>Acta Materialia</i> , 2005 , 53, 2305-2311	8.4	97
124	Effect of Co and Ge addition on soft magnetic properties of Fe ₇₈ Co _x Nb ₆ B ₁₅ Cu alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 1589-1592	2.8	3
123	Mössbauer study of FeCoSiAlGaPCB amorphous alloys. <i>Journal of Applied Physics</i> , 2004 , 95, 4151-4156	2.5	5
122	Characterization of oxygen passivated iron nanoparticles and thermal evolution to γ -Fe ₂ O ₃ . <i>Journal of Materials Science</i> , 2004 , 39, 4877-4885	4.3	22
121	Thermal effects in a Stoner-Wohlfarth model and their influence on magnetic anisotropy determination. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 278, 28-38	2.8	25
120	Frequency dependence of the superparamagnetic transition in a Finemet-type nanocrystalline alloy. <i>Physica Status Solidi A</i> , 2004 , 201, 3314-3318		2
119	Influence of anisotropy on the grain size distribution derived from superparamagnetic magnetization curves. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 277, 181-186	2.8	11
118	Microstructure and magnetic permeability of Hitperm (FeMn)CoNbB(Cu) alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1430-1432	2.8	8
117	Influence of the addition of Mn and Cu on the nanocrystallization process of HITPERM Fe ₇₈ Co _x Nb ₆ B alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004 , 375-377, 718-721	5.3	13
116	Influence of Mn and Cu addition on the hyperfine parameters of amorphous and nanocrystalline FeCoNbB alloys. <i>Journal of Alloys and Compounds</i> , 2004 , 370, 36-42	5.7	4
115	Ordering of FeCo nanocrystalline phase in FeCoNbBCu alloys. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 7843-7849	1.8	10
114	Kinetics of nanocrystallization in FeCoNbB(Cu) alloys. <i>Applied Physics A: Materials Science and Processing</i> , 2003 , 76, 571-575	2.6	29
113	Soft magnetic properties of FeCoSiAlGaPCB amorphous alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 254-255, 444-446	2.8	2
112	Microstructure and magnetic properties of Fe ₇₈ Co _x Nb ₆ B ₁₅ Cu ₁ (x=18, 39, 60) alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 254-255, 460-462	2.8	32
111	Influence of Cu addition on the magnetic and magnetotransport properties of HITPERM-type alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 262, 170-173	2.8	7
110	Partitioning of Co during crystallisation of Fe ₇₈ Co _x Nb ₆ B ₁₅ (Cu) amorphous alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003 , 353, 158-163	5.3	36

109	On the effects of partial substitution of Co for Fe in FINEMET and Nb-containing HITPERM alloys. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 3957-3968	1.8	22
108	Soft magnetic properties of high-temperature nanocrystalline alloys: Permeability and magnetoimpedance. <i>Journal of Applied Physics</i> , 2003 , 93, 2172-2177	2.5	20
107	The evolution of magnetostriction and coercivity with temperature in the early stages of nanocrystallisation in FeCoNbB(Cu) alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 250, 260-266	3.8	16
106	High-temperature evolution of coercivity in nanocrystalline alloys. <i>Physical Review B</i> , 2002 , 66,	3.3	16
105	Glass-forming ability and soft magnetic properties of FeCoSiAlGaPCB amorphous alloys. <i>Journal of Applied Physics</i> , 2002 , 92, 2073-2078	2.5	54
104	Glass-forming ability and crystallization behavior of Co ₆₂ Fe _x Nb ₆ Zr ₂ B ₃₀ (x=0,16) amorphous alloys with large supercooled liquid region. <i>Journal of Applied Physics</i> , 2002 , 92, 6607-6611	2.5	26
103	Mössbauer study of FeCoNbBCu hitperm-type alloys. <i>Applied Physics Letters</i> , 2002 , 81, 1612-1614	3.4	30
102	Microstructural properties of (Fe, Co)SiBCuNb nanocrystalline alloys. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 883-893	1.8	8
101	A study of the fcc (FeCo) 23 B 6 phase in fully crystallized Fe-Co-Nb-B-Cu alloys. <i>Philosophical Magazine Letters</i> , 2002 , 82, 409-417	1	15
100	The influence of Cu addition on the crystallization and magnetic properties of FeCoNbB alloys. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 11717-11727	1.8	36
99	Transition to superparamagnetism in a Cr-containing FINEMET-type alloy. <i>IEEE Transactions on Magnetics</i> , 2002 , 38, 3069-3074	2	8
98	Structural relaxation processes in FeSiB-Cu(Nb, X), X=Mo, V, Zr, Nb glassy alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001 , 304-306, 491-494	5.3	17
97	Thermomagnetic detection of recrystallization in FeCoNbBCu nanocrystalline alloys. <i>Applied Physics Letters</i> , 2001 , 79, 2898-2900	3.4	31
96	Magnetic anisotropy distribution and giant magnetoimpedance in Fe _{73.5} Si _x B _{22.5} Cu ₁ Nb ₃ (x=9, 16) alloys. <i>Materials Letters</i> , 2001 , 49, 256-261	3.3	5
95	Crystallization of Co-containing Finemet alloys. <i>Journal of Non-Crystalline Solids</i> , 2001 , 287, 120-124	3.9	19
94	Nanocrystallite compositions for Al- and Mo-containing Finemet-type alloys. <i>Journal of Non-Crystalline Solids</i> , 2001 , 287, 125-129	3.9	16
93	Crystallisation process in (FeCo) ₇₈ Nb ₆ (BCu) ₁₆ alloys. <i>Journal of Non-Crystalline Solids</i> , 2001 , 287, 187-192	3.9	47
92	Mo-containing Finemet alloys: microstructure and magnetic properties. <i>Journal of Non-Crystalline Solids</i> , 2001 , 287, 366-369	3.9	14

91	Dipole-dipole interaction in superparamagnetic nanocrystalline Fe _{63.5} Cr ₁₀ Si _{13.5} B ₉ Cu ₁ Nb ₃ . <i>Journal of Applied Physics</i> , 2001 , 90, 1558-1563	2.5	18
90	Superparamagnetic behaviour in an Fe ₇₆ Cu ₁ Nb ₃ Si _{10.5} B _{9.5} alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 215-216, 404-403	2.8	16
89	Thermomagnetic study of Fe _{73.5-x} Cr _x Si _{13.5} B ₉ Cu ₁ Nb ₃ (x=1,3,5,10) alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 215-216, 404-406	2.8	12
88	Crystallization of Ni _x Fe _{78-x} Si ₉ B ₁₃ amorphous alloys. <i>Journal of Materials Science Letters</i> , 2000 , 19, 689-691		1
87	A Fitting Procedure to Describe Mössbauer Spectra of FINEMET-type Nanocrystalline Alloys. <i>Hyperfine Interactions</i> , 2000 , 131, 67-82	0.8	15
86	Thermomagnetic study of devitrification in Fe-Si-B-Cu-Nb(-X) alloys. <i>Philosophical Magazine Letters</i> , 2000 , 80, 359-365	1	24
85	Devitrification process of FeSiBCuBbX nanocrystalline alloys: Mössbauer study of the intergranular phase. <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 8089-8100	1.8	8
84	Enthalpy and Curie temperature relaxation effects in FeSiBCuNb alloys prepared at different quenching rates. <i>Materials Letters</i> , 2000 , 45, 246-250	3.3	21
83	Magnetic anisotropy obtained from demagnetization curves: Influence of particle orientation and interactions. <i>Applied Physics Letters</i> , 1999 , 74, 3875-3877	3.4	9
82	Superparamagnetic behaviour of a nanocrystalline Fe(CrMo)SiBCuNb alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 201-203	2.8	8
81	Magnetic properties and nanocrystallization of a Fe _{63.5} Cr ₁₀ Si _{13.5} B ₉ Cu ₁ Nb ₃ alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 203, 60-62	2.8	25
80	Microstructure and magnetic properties of a FeSiBCuNb alloy submitted to Joule heating. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 203, 199-201	2.8	21
79	Dependence of exchange anisotropy and coercivity on the Fe ₃ O ₄ structure in oxygen-passivated Fe nanoparticles. <i>Journal of Applied Physics</i> , 1999 , 85, 6118-6120	2.5	44
78	Crystallization of (Fe, Co) ₇₈ Si ₉ B ₁₃ alloys: influence of relaxation processes. <i>Journal of Materials Science</i> , 1998 , 33, 2171-2177	4.3	9
77	Changes in magnetic anisotropy distribution during structural evolution of Fe ₇₆ Si _{10.5} B _{9.5} Cu ₁ Nb ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 185, 353-359	2.8	30
76	Nanocrystallization in Fe _{73.5} Si _{13.5} B ₉ Cu ₁ Nb ₁ X ₂ (X = Nb, Mo and V) alloys studied by X-ray synchrotron radiation. <i>Scripta Materialia</i> , 1998 , 10, 575-583		15
75	Crystallization behaviour of FeSiB _x Nb (X=Pt, Pd) alloys. <i>Journal of Non-Crystalline Solids</i> , 1998 , 232-234, 346-351	3.9	5
74	X-ray absorption studies of a FINEMET alloy. <i>Journal of Non-Crystalline Solids</i> , 1998 , 232-234, 352-357	3.9	15

73	Evidence of spin disorder at the surface-core interface of oxygen passivated Fe nanoparticles. <i>Journal of Applied Physics</i> , 1998 , 84, 2189-2192	2.5	77
72	Effect of the Si/B ratio on the magnetic anisotropy distribution of Fe _{73.5} Si _{22.5} B _x Cu ₁ Nb ₃ (x=7,9,16) alloys along nanocrystallization. <i>Journal of Applied Physics</i> , 1998 , 84, 5108-5113	2.5	14
71	An in situ synchrotron study of nanocrystallization in (Fe,Cr)-Si-B(-Cu-Nb) alloys. <i>Philosophical Magazine Letters</i> , 1998 , 78, 221-227	1	9
70	Preparation and thermal evolution of vapour-condensed nanocrystalline iron. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1997 , 76, 663-667		6
69	Mössbauer study of the nanocrystallization of the amorphous system Fe _{73.5} Si _{13.5} B ₉ Cu ₁ Nb ₁ X ₂ with X=Nb, Mo, V and Zr 1997 , 110, 1-6		13
68	Nanocrystallization behaviour of FeSiBCu(NbX) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1997 , 226-228, 663-667	5.3	18
67	Autocalibrating quasistatic M-H hysteresis loop tracer with negligible drift. <i>Review of Scientific Instruments</i> , 1996 , 67, 4167-4170	1.7	24
66	The melting behavior of passivated nanocrystalline aluminum. <i>Scripta Materialia</i> , 1996 , 7, 813-822		38
65	Microstructural evolution of FINEMET type alloys with chromium: An electron microscopy study. <i>Journal of Materials Science</i> , 1995 , 30, 3591-3597	4.3	11
64	Nanocrystallization in Fe _{73.5} Cu ₁ Nb ₃ (Si,B) _{22.5} alloys: influence of the Si/B content. <i>Scripta Materialia</i> , 1995 , 6, 457-460		16
63	Thermomagnetic study of devitrification in nanocrystalline Fe(Cr)SiB-CuNb alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1994 , 138, 314-318	2.8	27
62	Crystallization of a FINEMET-type alloy: nanocrystallization kinetics. <i>Materials Letters</i> , 1994 , 21, 409-414	3.3	25
61	Electron microscopy study of the crystallization of Fe ₇₅ Co ₄ B ₁₈ Si ₃ glass. <i>Materials Letters</i> , 1992 , 14, 227-231	3.3	5
60	Room-temperature Perminyar effect and wide domain walls in nearly-zero magnetostrictive amorphous ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 111, 135-145	2.8	6
59	Stereoselective synthesis of nitropyrazolines: 1,3-dipolar cycloaddition of diazoalkanes to (E)-4,5,6,7,8-penta-O-acetyl-1,2,3-trideoxy-2-C-nitro-D-manno-oct-2-enitol. <i>Carbohydrate Research</i> , 1991 , 210, 327-332	2.9	19
58	Isothermal crystallization kinetics of the Ni ₆₃ Cr ₁₈ Si ₁₃ B ₆ alloy. <i>Journal of Materials Science</i> , 1991 , 26, 2133-2136	4.3	
57	Annealing effects on the Curie temperature of a Fe ₇₇ Cr ₂ B ₁₆ Si ₅ glass. <i>Materials Letters</i> , 1991 , 10, 501-503	3.3	5
56	Structure of 3,4,5,6,7,8-hexa-O-acetyl-1,2-dideoxy-2-C-nitro-D-threo-L-talo-octitol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1990 , 46, 713-715		2

55	X-ray structure of a (D-galacto-pentaacetoxypropyl)pyrazoline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1989 , 45, 1563-1565		4
54	Structure of 1-methyl-5-(D-galacto-1,2,3,4,5-pentaacetoxypropyl)-3-phenylpyrazole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1989 , 45, 1894-1897		1
53	Time-scaling and crystallization kinetics of three Fe-B-based metallic glasses. <i>Journal of Materials Science</i> , 1989 , 24, 1862-1866	4-3	9
52	Non-isothermal crystallization and isothermal transformation kinetics of the Ni _{68.5} Cr _{14.5} P ₁₇ metallic glass. <i>Journal of Materials Science</i> , 1989 , 24, 139-142	4-3	12
51	Crystallization behaviour of Ni ₆₃ Co ₁₇ B ₁₃ Si ₇ alloy. <i>Materials Letters</i> , 1989 , 8, 400-404	3-3	1
50	Crystallization of the Ni ₆₃ Cr ₁₈ Si ₁₃ B ₆ alloy: A metallic glass with phase separation. <i>Materials Letters</i> , 1989 , 8, 241-246	3-3	3
49	Lattice-energy calculations on organometallic compounds. <i>Acta Crystallographica Section B: Structural Science</i> , 1988 , 44, 259-262		8
48	Calorimetric and X-ray characterization of the non-isothermal crystallization of the metallic glass Ni ₈₉ P ₁₁ C (wt.%). <i>Materials Letters</i> , 1987 , 5, 182-184	3-3	7
47	Crystallization kinetics of amorphous Fe ₈₁ B _{13.5} Si _{3.5} C ₂ alloy. <i>Journal of Materials Science Letters</i> , 1987 , 6, 257-259		2
46	Influence of the substrate on the crystallization kinetics of vapour-deposited amorphous selenium films. <i>Thin Solid Films</i> , 1987 , 149, L73-L76	2-2	4
45	X-ray structure and molecular-packing analysis of artemetin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987 , 43, 1826-1829		2
44	Structure of 5-(D-glucopyranosyl)barbituric acid trihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987 , 43, 1138-1142		
43	Structure and molecular-packing analysis of a heptofuranosimidazolidine-2-thione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987 , 43, 1134-1138		1
42	Molecular-packing analysis of some glucofuranosimidazolidine crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 1987 , 43, 198-202		1
41	Structure of a glucofuranosimidazolidine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986 , 42, 1659-1661		4
40	X-ray structure of 8-acetoxy-1,3,4,10-tetrahydro-1H-0-epoxyachillin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986 , 42, 1413-1415		
39	X-ray structure and molecular-packing analysis of a glucofuranosimidazolidine-2-thione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986 , 42, 454-457		2
38	X-ray structure and thermal motion of barium N-dithiocarboxylatoglycinate trihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986 , 42, 286-289		4

- 37 On the crystallization of Fe₇₇B₁₆Si₅Cr₂ alloy. *Materials Letters*, **1986**, 4, 442-446 3.3 8
- 36 Crystallization kinetics of Fe₇₉B₁₃Si₈ metallic glass. *Materials Letters*, **1986**, 4, 226-228 3.3 5
- 35 On the crystallization of electrodeposited Co-P amorphous alloys. *Journal of Materials Science Letters*, **1985**, 4, 43-47 2
- 34 Structure of 5-D-galactopyranosyl-1,3-dimethylbarbituric acid monohydrate, C₁₂H₁₈N₂O₈.H₂O. *Acta Crystallographica Section C: Crystal Structure Communications*, **1985**, 41, 274-277 1
- 33 Structure and absolute configuration of 1-(p-bromophenyl)-3-ethyl-1,3,4,5-tetrahydro-1,2-dideoxy-D-glucofuranoso[2,1-d]imidazole-2-thione monohydrate, C₁₅H₁₉BrN₂O₄S.H₂O. *Acta Crystallographica Section C: Crystal Structure Communications*, **1985**, 41, 277-280 4
- 32 Structure and absolute configuration of 4-(D-erythrofuransyl)-1,3-dihydro-3-methyl-1-(p-tolyl)-2H-imidazole-2-thione, C₁₅H₁₈N₂O₃S. *Acta Crystallographica Section C: Crystal Structure Communications*, **1985**, 41, 1212-1214
- 31 Structure of 1,3-dihydro-4-[(2R)-2,5-dihydro-2-furyl]-3-phenyl-1-(p-tolyl)-2H-imidazole-2-thione, C₂₀H₁₈N₂O₂S. *Acta Crystallographica Section C: Crystal Structure Communications*, **1985**, 41, 1215-1217
- 30 X-ray structure and molecular-packing analysis of 1-(p-bromophenyl)-3-ethyl-1,3,4,5-tetrahydro-1,2-dideoxy-D-glycero-D-galacto-heptofuranoso[2,1-d]imidazole-2-thione monohydrate. *Acta Crystallographica Section C: Crystal Structure Communications*, **1985**, 41, 1658-1662
- 29 Lattice dynamical calculation of first-order thermal diffuse scattering in phenothiazine. *Acta Crystallographica Section A: Foundations and Advances*, **1985**, 41, 158-163 5
- 28 Lattice-dynamical calculation of second-order thermal diffuse scattering in molecular crystals. *Acta Crystallographica Section A: Foundations and Advances*, **1985**, 41, 316-320 3
- 27 First- and second-order thermal diffuse scattering (TDS) intensity in molecular crystals: influence on crystal structure parameters. *Acta Crystallographica Section A: Foundations and Advances*, **1985**, 41, 491-494 2
- 26 Structure of 1-(p-ethoxyphenyl)-1,3-dihydro-3-phenyl-2H-benzimidazole-2-thione, C₂₁H₁₈N₂O₂S. *Acta Crystallographica Section C: Crystal Structure Communications*, **1984**, 40, 188-190 1
- 25 Structure of 1-(p-bromophenyl)-3-ethyl-1,3,4,5-tetrahydro-1,2-dideoxy-D-glycero-D-gulo-heptofuranoso[1,2-d]imidazole-2-thione, C₁₆H₂₁BrN₂O₅S. *Acta Crystallographica Section C: Crystal Structure Communications*, **1984**, 40, 898-901
- 24 Lattice dynamics and thermal crystallographic parameters in phenothiazine. *Acta Crystallographica Section A: Foundations and Advances*, **1984**, 40, 696-701 14
- 23 Crystallization kinetics of an Fe-Co based metallic glass. *Journal of Materials Science*, **1984**, 19, 1535-1539.3 6
- 22 On some structural problems in Fe₈₀B₂₀ (2605) metallic glass. *Journal of Materials Science Letters*, **1983**, 2, 645-648 3
- 21 On the crystallization of Fe₆₇Co₁₈Si₁B₁₄ metallic glass. *Journal of Materials Science Letters*, **1983**, 2, 499-502 3
- 20 Structure of ethyl 4-(D-erythrofuransyl)-1,2-dimethyl-3-pyrrolicarboxylate, C₁₃H₁₉NO₅. *Acta Crystallographica Section C: Crystal Structure Communications*, **1983**, 39, 120-122

- 19 Structure of 4-(β -erythrofuransyl)-3-methyl-1-(*p*-tolyl)-4-imidazoline-2-thione monohydrate, C₁₅H₁₈N₂O₃S.H₂O. *Acta Crystallographica Section C: Crystal Structure Communications*, **1983**, 39, 122-125 3
- 18 Structure of 1-(*p*-bromophenyl)-3-ethyl-1- β -D-tetrahydro-1,2-dideoxy-D-glycero-L-gluco-heptofuranosyl-2-thioethane, C₁₆H₂₁BrN₂O₅S. *Acta Crystallographica Section C: Crystal Structure Communications*, **1983**, 39, 1418-1421
- 17 Lattice-energy calculations on phenothiazine and phenoselenazine modifications. *Acta Crystallographica Section B: Structural Science*, **1983**, 39, 739-742 1
- 16 Thermal evolution of co-evaporated amorphous thin Ni-Ag films. *Thin Solid Films*, **1982**, 88, 211-217 2.2 7
- 15 Electron microscopy study of crystallization behaviour of Fe₄₀Ni₃₈Mo₄B₁₈ (2826 MB) metallic glass. *Journal of Materials Science*, **1982**, 17, 861-866 4.3 12
- 14 Crystallization kinetics of Fe₄₀Ni₃₈Mo₄B₁₈ and Fe₈₀B₂₀ metallic glasses. *Journal of Materials Science*, **1982**, 17, 2677-2686 4.3 8
- 13 Structure of 2,3-di-O-acetyl-2-C-methylerythro-1,4-lactone. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1980**, 36, 1713-1715 4
- 12 Structure and molecular conformation of 1-(4-acetyl-5-methyl-2-furyl)-1,3-dideoxy-3-nitro- β -D-xylopyranose. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1980**, 36, 2730-2733 4
- 11 The structure of 1-phenyl-4,5-(1,2-D-glucofurano)imidazolidin-2-one. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1980**, 36, 3048-3052 5
- 10 Structure of 3-ethoxycarbonyl-1,2-dimethyl-4-pyrrolecarbaldehyde. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1979**, 35, 2228-2229 7
- 9 The crystal and molecular structure of 4-formylimidazoline-2-thione. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1977**, 33, 794-797 2
- 8 Molecular packing in crystals of phenoselenazine. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1976**, 32, 2293-2296 2
- 7 Microhardness tests in nickel oxide single crystals. *Physica Status Solidi A*, **1976**, 33, K25-K29 3
- 6 The crystal and molecular structure of 1-methyl-4-(β -erythrofuransyl)imidazoline-2-thione. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1975**, 31, 648-652 6
- 5 The crystal and molecular structure of Cl(SH)Hg[SC(NH₂)₂]₄. *Zeitschrift für Kristallographie*, **1975**, 141, 193-202 2
- 4 The crystal structure and molecular conformation of 3,7-dichlorophenoselenazine. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1974**, 30, 1332-1335 6
- 3 The crystal and molecular structure of 1-*p*-chlorophenyl-4-(β -erythrofuransyl)-4-imidazoline-2-thione. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1974**, 30, 2348-2352 6
- 2 The crystal and molecular structure of 2-formylpyridine selenosemicarbazone. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1972**, 28, 3464-3469 7

1	A Review of Different Models Derived from Classical Kolmogorov, Johnson and Mehl, and Avrami (KJMA) Theory to Recover Physical Meaning in Solid-State Transformations. <i>Physica Status Solidi (B): Basic Research</i> ,2100524	1.3	1
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