

Marcos de Campos

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.

145
papers

1,296
citations

20
h-index

27
g-index

151
ext. papers

1,441
ext. citations

1.6
avg, IF

4.63
L-index

#	Paper	IF	Citations
145	Calculation of Recoil Curves in Isotropic and Anisotropic Stoner-Wohlfarth Materials. <i>IEEE Transactions on Magnetics</i> , 2020 , 56, 1-4	2	2
144	MODELO PARA PREVER EVOLU ^Ç ÃO DO PRE ^Ç ÃO DE COMMODITIES MINERAIS COM O TEMPO: APLICA ^Ç ÃO PARA O PRE ^Ç ÃO DAS TERRAS-RARAS / MODEL FOR PREDICTING MINERAL COMMODITY PRICE EVOLUTION OVER TIME: APPLICATION TO THE PRICE OF RARE EARTHS. <i>Brazilian Journal of Development</i> , 2020 , 6, 69365-69377	0	
143	Achievements in Micromagnetic Techniques of Steel Plastic Stage Evaluation. <i>Advances in Materials Science</i> , 2020 , 20, 16-55	1.8	1
142	Abnormal coercivity behavior and magnetostatic coupling in SmCoCuFeZr magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 514, 167147	2.8	1
141	The Mini Blast Furnace Process: An Efficient Reactor for Green Pig Iron Production Using Charcoal and Hydrogen-Rich Gas: A Study of Cases. <i>Metals</i> , 2020 , 10, 1501	2.3	5
140	Study of heating curves generated by magnetite nanoparticles aiming application in magnetic hyperthermia. <i>Brazilian Journal of Chemical Engineering</i> , 2020 , 37, 543-553	1.7	4
139	An overview on nucleation theories and models. <i>Journal of Rare Earths</i> , 2019 , 37, 1015-1022	3.7	5
138	Predicting Recoil Curves in Stoner-Wohlfarth Anisotropic Magnets. <i>Acta Physica Polonica A</i> , 2019 , 136, 737-739	0.6	3
137	Interpretation of Loss Separation with the Haller-Kramer Model. <i>Acta Physica Polonica A</i> , 2019 , 136, 705-708	0.8	2
136	Spin glass transition in AuFe, CuMn, AuMn, AgMn and AuCr systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 479, 222-228	2.8	4
135	Replacement of NdFeB by Ferrite Magnets. <i>Materials Science Forum</i> , 2018 , 912, 106-111	0.4	
134	Hysteresis Modeling of Bonded Anisotropic Ferrite Magnets. <i>Materials Science Forum</i> , 2018 , 912, 102-105	0.4	1
133	Revisiting Spin Glasses: Impact of Spin-Spin Interaction Range. <i>Brazilian Journal of Physics</i> , 2018 , 48, 39-45	2	
132	Analyzing cleaner alternatives of solid and gaseous fuels for iron ore sintering in compacts machines. <i>Journal of Cleaner Production</i> , 2018 , 198, 654-661	10.3	11
131	Influence of Thickness on Magnetic and Microstructural Properties in Electrical Steels Semi-Processed of Low Efficiency. <i>Materials Science Forum</i> , 2018 , 930, 466-471	0.4	1
130	Estimate of the Nanoparticles Size of Magnetite Produced by Co-Precipitation Method. <i>Materials Science Forum</i> , 2018 , 930, 90-94	0.4	
129	Thermal Aging of NdFeB Compression Molded Magnets. <i>Materials Science Forum</i> , 2017 , 899, 572-575	0.4	

128	Domain wall structure in metals: A new approach to an old problem. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 442, 236-241	2.8	5
127	Magnetite Nanoparticles Study Applied to Magnetic Hyperthermia Treatment. <i>Materials Science Forum</i> , 2017 , 899, 543-548	0.4	0
126	B-H Loop of Sintered Stainless Steel 410 Adjusted by Superellipse Model. <i>Materials Science Forum</i> , 2017 , 899, 554-558	0.4	
125	Comparison Between Different Experimental Set-Ups for Measuring the Magnetic Barkhausen Noise in a Deformed 1050 Steel. <i>Journal of Nondestructive Evaluation</i> , 2017 , 36, 1	2.1	4
124	Effect of Compaction Pressure on the Hysteresis Loop of NdFeB Bonded Magnets. <i>Materials Science Forum</i> , 2017 , 899, 576-580	0.4	1
123	Longe Range Exchange Interactions in Sintered CuMn Alloys: A Monte Carlo Study. <i>Materials Science Forum</i> , 2017 , 899, 266-271	0.4	
122	The Exchange Energy Term and the Curling Reversal Mode in Hard Magnetic Materials Manufactured by Powder Metallurgy. <i>Materials Science Forum</i> , 2017 , 899, 549-553	0.4	1
121	Hysteresis Modeling of NdFeB Magnets with High Nd. <i>Materials Science Forum</i> , 2016 , 869, 585-590	0.4	1
120	Characterization of Residual Stresses and Microstructural by Technique of Magnetic Barkhausen Noise of API 5L X80 Steel Heat Treatment. <i>Materials Science Forum</i> , 2016 , 869, 556-561	0.4	3
119	Estimate of the Anisotropy Field of Strontium Ferrite from Powders Using the Stoner-Wohlfarth Model. <i>Materials Science Forum</i> , 2016 , 881, 128-133	0.4	
118	Predictions of PCDD/F, SO _x , NO _x , and Particulates in the Iron Ore Sintering Process of Integrated Steelworks 2016 , 27-38		1
117	Suitable Nanostructures for Obtaining the Maximum Energy Product in Magnets. <i>Materials Science Forum</i> , 2016 , 869, 614-619	0.4	1
116	High Technology Applications of Barium and Strontium Ferrite Magnets. <i>Materials Science Forum</i> , 2016 , 881, 134-139	0.4	4
115	Synthesis and Characterization of Fe ₃ O ₄ Nanoparticles Stabilized by Polyvinylpyrrolidone/Polyethylene Glycol with Variable Mass Ratios. <i>Materials Science Forum</i> , 2016 , 869, 880-883	0.4	
114	Evaluation of Residual Stresses in Welded ASTM A36 Structural Steel by Metal Active Gas (MAG) Welding Process. <i>Materials Science Forum</i> , 2016 , 869, 567-571	0.4	3
113	Study of Thermal Degradation of PEG/PVP Coating Adsorbed in Fe ₃ O ₄ Nanoparticles. <i>Materials Science Forum</i> , 2016 , 881, 481-484	0.4	
112	Small-angle neutron scattering study of coercivity enhancement in grain-boundary-diffused NdFeB sintered magnets. <i>Journal of Alloys and Compounds</i> , 2016 , 677, 139-142	5.7	13
111	Shape Anisotropy as Coercivity Mechanism. <i>Materials Science Forum</i> , 2016 , 869, 591-595	0.4	1

110	Loss Separation Model: A Tool for Improvement of Soft Magnetic Materials. <i>Materials Science Forum</i> , 2016 , 869, 596-601	0.4	3
109	Perspectives for the Brazilian Industry of Rare-Earth Magnets. <i>Materials Science Forum</i> , 2016 , 869, 602-607	0.4	1
108	EBSD Analysis of SmCoFeCuZr Alloys. <i>Materials Science Forum</i> , 2016 , 869, 608-613	0.4	
107	Secondary Austenite Precipitation during the Welding of Duplex Stainless Steels. <i>Materials Science Forum</i> , 2016 , 869, 562-566	0.4	
106	Particle Size Analysis of Fe ₃ O ₄ Nanoparticles Coated by Polyethyleneglycol. <i>Materials Science Forum</i> , 2015 , 820, 373-377	0.4	1
105	A Description for the Anisotropy of Magnetic Properties of Grain-Oriented Steels. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-5	2	16
104	Hysteresis Modeling of Nanocrystalline NdFeB Magnets. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015 , 28, 847-850	1.5	3
103	Application of Micromagnetic Models for Barium Ferrite Magnets. <i>Materials Science Forum</i> , 2015 , 820, 199-204	0.4	2
102	Polymeric complexes obtained from the interaction of bovine serum albumin and Carrageenan. <i>Food Hydrocolloids</i> , 2015 , 45, 286-290	10.6	9
101	Hysteresis and Magnetic Barkhausen Noise for SAE 1020 and 1045 Steels With Different Microstructures. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	1
100	Sharp Increase of Hysteresis Area Due to Small Plastic Deformation Studied With Magnetic Barkhausen Noise. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	1
99	Synthesis and Characterization of Biocompatible Fe ₃ O ₄ for Use in Cell Hyperthermia. <i>Materials Science Forum</i> , 2014 , 775-776, 476-481	0.4	
98	Sintered Fe ₅₀ Ni Alloy Produced by Mixing Iron and Nickel Powders. <i>Materials Science Forum</i> , 2014 , 802, 524-529	0.4	2
97	Quenching and partitioning heat treatment in ductile cast irons. <i>Materials Research</i> , 2014 , 17, 1115-1123	1.5	11
96	Influence of the Grain Size on the Dysprosium Diffusion in NdFeB Magnets. <i>Materials Science Forum</i> , 2014 , 802, 546-551	0.4	1
95	Nucleation as Coercivity Mechanism in NdFeB Magnets. <i>Materials Science Forum</i> , 2014 , 775-776, 437-442	0.4	5
94	Nd-enriched particles prepared from NdFeB magnets: A potential separation route. <i>Journal of Alloys and Compounds</i> , 2014 , 615, 410-414	5.7	11
93	Superparamagnetic Iron Oxide Nanoparticles for Magnetic Hyperthermia: Synthesis, Surface Modification by Polyethylene Glycol and Characterization. <i>Materials Science Forum</i> , 2014 , 802, 535-539	0.4	

92	Magnetic Domains Observation from Bitter Patterns of NdFeB Alloy. <i>Materials Science Forum</i> , 2014 , 802, 569-573	0.4	1
91	Modeling the Neodymium Metallic Reduction from Molten Salts. <i>Materials Science Forum</i> , 2014 , 802, 607-612	0.4	
90	NdFeB Type Magnets Produced by Spark Plasma Sintering. <i>Materials Science Forum</i> , 2014 , 802, 585-589	0.4	1
89	Stoner-Wohlfarth Model for Nanocrystalline Anisotropic Sm ₂ Co ₁₇ Magnets. <i>Materials Science Forum</i> , 2014 , 775-776, 431-436	0.4	10
88	Heat Treatment Design for NdFe and SmCo ₅ Magnets with Basis on the Phase Diagram. <i>Materials Science Forum</i> , 2014 , 802, 619-623	0.4	1
87	Virtues and Weakness of Brown Micromagnetics. <i>Materials Science Forum</i> , 2014 , 802, 613-618	0.4	1
86	Upper Limit for the Coercive Force in NdFeB and PrFeB Magnets. <i>Materials Science Forum</i> , 2014 , 802, 596-600	0.4	1
85	Squareness of NdFeB Stoner-Wohlfarth Hysteresis. <i>Materials Science Forum</i> , 2014 , 802, 601-606	0.4	
84	Thermal Analysis Investigation of NdFeB Bonded Magnets. <i>Materials Science Forum</i> , 2014 , 802, 590-595	0.4	
83	Microstructural Characterization of a High Copper (Nd _{0.75} Pr _{0.25}) ₂ Fe ₁₄ B Magnet. <i>Materials Science Forum</i> , 2014 , 802, 518-523	0.4	
82	Effect of Oxygen Content during Sintering on the Losses of MnZn Ferrites. <i>Materials Science Forum</i> , 2014 , 775-776, 404-409	0.4	2
81	Coercivity Mechanism in Hard and Soft Sintered Magnetic Materials. <i>Materials Science Forum</i> , 2014 , 802, 563-568	0.4	2
80	A Simple Device for Measuring Losses in Soft Magnetic Materials. <i>Materials Science Forum</i> , 2014 , 802, 579-584	0.4	
79	Grain Growth Kinetics of (NdPr) ₂ Fe ₁₄ B Magnets. <i>Materials Science Forum</i> , 2014 , 802, 540-545	0.4	1
78	Relation between Initial Magnetization Curve and Grain Size of Nanocrystalline NdFeB Magnets. <i>Materials Science Forum</i> , 2014 , 802, 558-562	0.4	2
77	Relation Between Magnetic Barkhausen Noise and Hardness for Jominy Quench Tests in SAE 4140 and 6150 Steels. <i>Journal of Nondestructive Evaluation</i> , 2013 , 32, 93-103	2.1	61
76	Stoner-Wohlfarth model for the anisotropic case. <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 345, 147-152	2.8	28
75	Comparison of the Magnetic Barkhausen Noise for Low Carbon Steel in Deformed and Annealed Conditions. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 1305-1309	2	4

74	Modeling hysteresis curves of anisotropic SmCoFeCuZr magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 328, 53-57	2.8	17
73	Microstructural changes during the slow-cooling annealing of nanocrystalline SmCo 2:17 type magnets. <i>Journal of Alloys and Compounds</i> , 2013 , 551, 312-317	5.7	17
72	Numerical method applied to duplex stainless steel welding. <i>Ironmaking and Steelmaking</i> , 2013 , 40, 420-429	4.9	7
71	On the specific absorption rate of hyperthermia fluids. <i>Applied Physics Letters</i> , 2013 , 103, 264107	3.4	7
70	Energy of Ni/Ni3Al interface: A temperature-dependent theoretical study. <i>Materials Letters</i> , 2012 , 83, 100-103	3.3	11
69	The effects of the pressing step on the microstructure and aging of NdFeB bonded magnets. <i>Powder Technology</i> , 2012 , 224, 291-296	5.2	17
68	Magnetic Barkhausen emission in lightly deformed AISI 1070 steel. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 11-14	2.8	21
67	Magnetic Barkhausen Noise in Quenched Carburized Nickel-Steels. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 1465-1468	2	6
66	Effects of the Compaction Pressure on the Magnetic Properties of a Sintered Fe-Based Alloy. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 1385-1388	2	2
65	Effect of Plastic Deformation on the Excess Loss of Electrical Steel. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 1425-1428	2	22
64	A Model for the Hysteresis Curves of Soft Magnetic Materials. <i>Materials Science Forum</i> , 2012 , 727-728, 130-134	0.4	6
63	Diffusion Coefficients of Interest for the Simulation of Heat Treatment in Rare-Earth Transition Metal Magnets. <i>Materials Science Forum</i> , 2012 , 727-728, 163-168	0.4	6
62	A Simple Algorithm for the Calculation of Hysteresis for Isotropic NdFeB Magnets. <i>Materials Science Forum</i> , 2012 , 727-728, 119-123	0.4	6
61	Modeling the Densification of 316L Stainless Steels. <i>Materials Science Forum</i> , 2012 , 727-728, 440-445	0.4	3
60	Modeling the Densification of FeSi Sintered Magnetic Alloys. <i>Materials Science Forum</i> , 2012 , 727-728, 175-180	0.4	2
59	EBSD Texture Analysis of NdFeB Magnets. <i>Materials Science Forum</i> , 2012 , 727-728, 135-139	0.4	5
58	The Samarium Depleted Zone in SmCo5 Magnets. <i>Materials Science Forum</i> , 2012 , 727-728, 169-174	0.4	4
57	One Domain Wall Hysteresis Model for Spherical Grain. <i>Materials Science Forum</i> , 2012 , 727-728, 140-145	0.4	5

56	Nucleus Size Determination for Nd ₂ Fe ₁₄ B, Sm ₂ Co ₁₇ , SmCo ₅ and BaFe ₁₂ O ₁₉ Magnets. <i>Materials Science Forum</i> , 2012 , 727-728, 151-156	0.4	10
55	A General Coercivity Model for Soft Magnetic Materials. <i>Materials Science Forum</i> , 2012 , 727-728, 157-162	0.4	8
54	Modeling the Heat Treatment of Dy-Diffused Nd ₂ Fe ₁₄ B Magnets: The Shell Model. <i>Materials Science Forum</i> , 2012 , 727-728, 146-150	0.4	6
53	Influence of microstructural constituents on the hysteresis curves in 0.2%C and 0.45%C steels. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012029	0.3	6
52	Estimate of the anisotropy field in isotropic SmCo 2:17 magnets with the Stoner-Wohlfarth CLC model. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012049	0.3	19
51	Anisotropy study of grain oriented steels with Magnetic Barkhausen Noise. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012020	0.3	10
50	Magnetic Barkhausen Noise in quenched carburized steels. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012030	0.3	4
49	Effect of Grain Size on the Coercivity of Sintered NdFeB Magnets. <i>Materials Science Forum</i> , 2010 , 660-661, 284-289	0.4	21
48	The Critical Volume for Nucleation. <i>Materials Science Forum</i> , 2010 , 660-661, 279-283	0.4	14
47	Optimizing the Heat Treatment of Rare Earth-Transition Metal Sintered Magnets. <i>Materials Science Forum</i> , 2010 , 660-661, 290-295	0.4	8
46	. <i>IEEE Transactions on Magnetics</i> , 2010 , 46, 491-494	2	14
45	Modeling of Effect of Plastic Deformation on Barkhausen Noise and Magnetoacoustic Emission in Iron With 2% Silicon. <i>IEEE Transactions on Magnetics</i> , 2008 , 44, 3221-3224	2	5
44	Selected Values for the Stacking Fault Energy of Face Centered Cubic Metals. <i>Materials Science Forum</i> , 2008 , 591-593, 708-711	0.4	19
43	Estimative of the Stacking Fault Energy for a FeNi(50/50) Alloy and a 316L Stainless Steel. <i>Materials Science Forum</i> , 2008 , 591-593, 3-7	0.4	11
42	The Coercivity Mechanisms in Sm(CoFeCuZr) _z Nanocrystalline Magnets: Nucleation x Pinning. <i>Materials Science Forum</i> , 2008 , 591-593, 891-895	0.4	
41	Simulating Sintering Process in SmCo ₅ Magnets. <i>Materials Science Forum</i> , 2008 , 591-593, 80-85	0.4	5
40	The Coercivity Mechanisms in Sm(CoFeCuZr) _z Nanocrystalline Magnets: Nucleation x Pinning. <i>Materials Science Forum</i> , 2008 , 591-593, 8-12	0.4	3
39	Interacting Stoner-Wohlfarth behavior in hysteresis curves of Sm(CoFeCuZr) _z magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, e73-e76	2.8	23

38	The influence of different voltage waveforms and grain sizes in electrical steels losses. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, e381-e384	2.8	2
37	Effect of rolling on the residual stresses and magnetic properties of a 0.5% Si electrical steel. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, e377-e380	2.8	26
36	Hysteresis loss subdivision. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 2494-2498	2.8	28
35	On the Steinmetz hysteresis law. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, e531-e534	2.8	29
34	Zircônia parcialmente estabilizada de baixo custo produzida por meio de mistura de pó com aditivos do sistema MgO-Y ₂ O ₃ -CaO. <i>Ceramica</i> , 2007 , 53, 116-132	1	5
33	Electron backscattered diffraction texture analysis of SmCo ₅ magnets. <i>Journal of Applied Physics</i> , 2007 , 101, 09K516	2.5	11
32	Magnetic characterization of the (Zr,Sm)Co ₃ phase in Sm(CoFeCuZr) _z magnets. <i>Journal of Applied Physics</i> , 2007 , 101, 09K101	2.5	9
31	Modelling magnetic polarisation J50 by different methods. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, e589-e592	2.8	7
30	Effect of deformation and annealing on the microstructure and magnetic properties of grain-oriented electrical steels. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, e617-e619	2.8	9
29	Effect of Frequency on the Iron Losses of 0.5% and 1.5% Si Nonoriented Electrical Steels. <i>IEEE Transactions on Magnetics</i> , 2006 , 42, 2812-2814	2	30
28	The (SmZr)Co ₃ Phase in Sm(CoFeCuZr) _z Magnets. <i>IEEE Transactions on Magnetics</i> , 2006 , 42, 3770-3772	2	13
27	The optimum grain size for minimizing energy losses in iron. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 301, 94-99	2.8	78
26	Zr-Rich Phases in Sm(CoFeCuZr) _z Magnets. <i>Materials Science Forum</i> , 2006 , 530-531, 158-163	0.4	1
25	Modelling the Heat Treatment of Sintered SmCo ₅ Magnets. <i>Materials Science Forum</i> , 2006 , 530-531, 152-157	0.4	5
24	Effect of Grain Size, Lattice Defects and Crystalline Orientation on the Coercivity of Sintered Magnets. <i>Materials Science Forum</i> , 2006 , 530-531, 146-151	0.4	19
23	Fitting the flow curve of a plastically deformed silicon steel for the prediction of magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, 155-158	2.8	16
22	Consequences of magnetic aging for iron losses in electrical steels. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, e593-e595	2.8	20
21	Impurity phases in Sm(CoFeCuZr) _z magnets: The role of Zr. <i>Journal of Alloys and Compounds</i> , 2005 , 403, 329-334	5.7	14

20	Texture Optimization in Non-Oriented Electrical Steels: The Role of the Goss Texture Component. <i>Materials Science Forum</i> , 2005 , 495-497, 543-554	0.4	4
19	Texture and microtexture studies in different types of cast irons. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005 , 398, 164-170	5.3	18
18	Determination of the Constants of Magnetocrystalline Anisotropy in Sintered Magnets with Uniaxial Texture. <i>Materials Science Forum</i> , 2005 , 498-499, 134-140	0.4	4
17	Determination of Intrinsic Magnetic Parameters of SmCo ₅ Phase in Sintered Samples. <i>Materials Science Forum</i> , 2005 , 498-499, 129-133	0.4	10
16	Modeling of sharp change in magnetic hysteresis behavior of electrical steel at small plastic deformation. <i>Journal of Applied Physics</i> , 2005 , 97, 10E518	2.5	31
15	Texture Evolution during the Processing of Electrical Steels with 0.5% Si and 1.25% Si. <i>ISIJ International</i> , 2004 , 44, 1733-1737	1.7	16
14	Effect of the Hot Band Grain Size and Intermediate Annealing on the Deformation and Recrystallization Textures in Low Silicon Electrical Steels. <i>ISIJ International</i> , 2004 , 44, 591-597	1.7	13
13	Kinetical analysis of the heat treatment procedure in SmCo ₅ and other rare-earth transition-metal sintered magnets. <i>Journal of Alloys and Compounds</i> , 2004 , 377, 121-126	5.7	16
12	Effect of several heat treatments on the microstructure and coercivity of SmCo ₅ magnets. <i>Journal of Alloys and Compounds</i> , 2004 , 368, 304-307	5.7	17
11	Coercivity Analysis in Sm(CoFeCuZr) _z Magnets with Abnormal Temperature Behavior. <i>Physica Status Solidi A</i> , 2002 , 193, 302-313		23
10	Angular dependence of magnetic properties of 2% silicon electrical steel. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1524-1526	2.8	17
9	A method to estimate magnetic induction from texture in non-oriented electrical steels. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1536-1538	2.8	10
8	Effect of grain size, deformation, aging and anisotropy on hysteresis loss of electrical steels. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 215-216, 97-99	2.8	30
7	The origin of grain size inhomogeneity in semi-processed electrical steels. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 215-216, 92-93	2.8	6
6	Remarks on the Co-rich region of the Co-Sm diagram. <i>Journal of Phase Equilibria and Diffusion</i> , 2000 , 21, 443-446		27
5	Anisotropy of the magnetic losses components in semi-processed electrical steels. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 380-381	2.8	23
4	Separating Components of the Hysteresis Loss of Non-Oriented Electrical Steels. <i>Materials Science Forum</i> , 1999 , 302-303, 440-445	0.4	24
3	A model relating remanence and microstructure of SmCo ₅ magnets. <i>Journal of Alloys and Compounds</i> , 1998 , 267, 257-264	5.7	21

- 2 Chemical composition and coercivity of SmCo₅ magnets. *Journal of Applied Physics*, **1998**, 84, 368-373 2.5 38
- 1 Atomistic structure of the coherent interface. *Scripta Metallurgica Et Materialia*, **1994**, 30, 367-371 12