

Margarit Gjoka

List of Publications by Year in descending order

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74
papers

1,150
citations

471509

17
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414414

32
g-index

77
all docs

77
docs citations

77
times ranked

1547
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost effective modification of SmCo ₅ -type alloys. AIP Advances, 2022, 12, .	1.3	1
2	Intrinsic magnetic properties of (Nd _{1-x} Sm _x)Fe ₁₁ Ti. Journal of Alloys and Compounds, 2021, 864, 158097.	5.5	6
3	Structural and magnetic properties of SmCo ₅ -XNiX intermetallic compounds. Journal of Alloys and Compounds, 2021, 882, 160699.	5.5	6
4	Synthesis, processing and characterization of Mn-based nanoparticles for permanent magnet applications. Materials Today: Proceedings, 2019, 19, 126-132.	1.8	3
5	Effect of cobalt substitution on structure and magnetic properties of Nd _{0.4} Zr _{0.6} Fe ₁₀ Co _{Si2} (x= 0-3) alloys and their ribbons. Journal of Rare Earths, 2019, 37, 1096-1101.	4.8	1
6	Synthesis, characterisation and hydrogen sorption properties of mechanically alloyed Mg(Ni _{1-x} Mn _x) ₂ . Materials Today Energy, 2019, 13, 186-194.	4.7	16
7	Nitrogenation and sintering of (Nd-Zr)Fe ₁₀ Si ₂ tetragonal compounds for permanent magnets applications. Journal of Alloys and Compounds, 2019, 784, 996-1002.	5.5	9
8	Effect of a cyclic heating process on the CO ₂ /N ₂ separation performance and structure of a ceramic nanoporous membrane supporting the ionic liquid 1-methyl-3-octylimidazolium tricyanomethanide. Separation and Purification Technology, 2018, 200, 11-22.	7.9	18
9	A Novel Approach for Plastic-Bonded Magnets of the Type MQU-F Melt Spun NdFeGaB-Type Alloys. IEEE Transactions on Magnetics, 2017, 53, 1-3.	2.1	3
10	Synthesis, processing and characterization of FeMnGa nanoparticles for permanent magnet applications. Materials Today: Proceedings, 2017, 4, 6948-6953.	1.8	0
11	Structure and magnetic properties of Sm _{1-x} Zr _x Fe ₁₀ Si ₂ (x=0.2-0.6) alloys. Journal of Physics: Conference Series, 2017, 903, 012033.	0.4	2
12	Processing of magnetically anisotropic MnBi particles by surfactant assisted ball milling. Journal of Magnetism and Magnetic Materials, 2017, 426, 691-697.	2.3	39
13	Towards realization of bulk L ₁ -FeNi. , 2017, , .		1
14	A novel approach for plastic bonded magnets of the type MQU-F melt spun NdFeGaB-type alloys. , 2017, , .		0
15	Effect of Zr substitution on the structural and magnetic properties of the series Nd _{1-x} Zr _x Fe ₁₀ Si ₂ with the ThMn ₁₂ type structure. Journal of Alloys and Compounds, 2016, 687, 240-245.	5.5	17
16	Effects of milling conditions on the magnetic properties of MnBi alloys. , 2015, , .		0
17	The effect of mechanical milling on the soft magnetic properties of amorphous FINEMET alloy. Journal of Magnetism and Magnetic Materials, 2015, 381, 322-327.	2.3	21
18	Toward Rare-Earth-Free Permanent Magnets: A Combinatorial Approach Exploiting the Possibilities of Modeling, Shape Anisotropy in Elongated Nanoparticles, and Combinatorial Thin-Film Approach. Jom, 2015, 67, 1318-1328.	1.9	34

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19	Comparison among Different Processing Conditions in Synthesis of Polypropylene/Carbon Nanotubes Composites Using Raman Spectroscopy. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 81-86.	1.9	2
20	Structural and Magnetic Properties of Fe Doped Mn-Ga Ribbons. <i>EPJ Web of Conferences</i> , 2014, 75, 03004.	0.3	2
21	Experimental Proof of Microwave Sintering of Nd-Fe-B Powders Toward Fabrication of Permanent Magnets. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-4.	2.1	2
22	Structure and Magnetic Properties of Boron Doped Fe _{50+x} Cu ₂₅ M ₂₅ (M = Al, Ga) and Fe _{50+x} Co ₂₅ Ga ₂₅ Heusler Alloys. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-4.	2.1	0
23	Effect of annealing on soft magnetic behavior of nanostructured (Fe _{0.5} Co _{0.5}) _{73.5} Si _{13.5} B ₉ Nb ₃ Cu ₁ ribbons. <i>Journal of Alloys and Compounds</i> , 2014, 582, 79-82.	5.5	25
24	On the effect of cooling rate during melt spinning of FINEMET ribbons. <i>Nanoscale</i> , 2013, 5, 7520.	5.6	18
25	Magnetic cluster expansion simulation and experimental study of high temperature magnetic properties of Fe-Cr alloys. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 326001.	1.8	17
26	The role of synthetic parameters in the magnetic behavior of relative large hcp Ni nanoparticles. <i>Journal of Nanoparticle Research</i> , 2011, 13, 1897-1908.	1.9	24
27	Structure-property relationships in isotactic polypropylene/multi-walled carbon nanotubes nanocomposites. <i>Composites Science and Technology</i> , 2010, 70, 328-335.	7.8	168
28	Morphological, Thermal, and Electrical Characterization of Syndiotactic Polypropylene/Multiwalled Carbon Nanotube Composites. <i>Journal of Macromolecular Science - Physics</i> , 2010, 49, 1044-1056.	1.0	16
29	High coercivity cobalt carbide nanoparticles processed via polyol reaction: a new permanent magnet material. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 165003.	2.8	107
30	Using magnetic circular dichroism for the study of the magnetization and the magnetic moments of atoms in Nd ₃ Fe _{27.5} Ti _{1.5} . <i>Journal of Physics Condensed Matter</i> , 2009, 21, 236001.	1.8	3
31	Magnetic anisotropy of Ho-Fe-Co-Cr intermetallic compounds. <i>Journal of Alloys and Compounds</i> , 2009, 482, 19-22.	5.5	3
32	Structure and magnetic properties of Sm(Co _{0.74} Fe _{0.1} Cu _{0.12} Zr _{0.04}) ₈ melt-spun nanostructured alloys. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008, 152, 81-85.	3.5	6
33	Magnetocrystalline anisotropy of Nd ₃ (Fe _{1-x} Cox) _{27.7} Ti _{1.3} Ny compounds. <i>Journal of Alloys and Compounds</i> , 2008, 458, 37-40.	5.5	0
34	Magnetocrystalline Anisotropy of Nd ₃ (Fe _{1-x} Cox) _{27.7} Ti _{1.3} Ny Compounds. <i>AIP Conference Proceedings</i> , 2007, . .	0.4	0
35	Study on the existence and properties of Y ₃ (Fe _{1-x} Cox) _{29-y} Cry (x=0.6-1.0; y=5-7) intermetallic compounds. <i>Journal of Alloys and Compounds</i> , 2007, 437, 16-21.	5.5	1
36	Existence and properties of Co-rich 3:29-type of compounds synthesized with heavy rare earths. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e458-e461.	2.3	6

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37	Chemical synthesis and characterization of hcp Ni nanoparticles. Nanotechnology, 2006, 17, 3750-3755.	2.6	117
38	Structural and magnetic properties of Sm ₃ (Fe _{1-x} Co _x) ₂₇ Ti _{1.3} , , 2006, , .		0
39	Structure and magnetic properties of Gd ₄ (Co,Ti) ₄₁ alloys. Journal of Alloys and Compounds, 2006, 423, 59-61.	5.5	2
40	Influences of Co on structural and magnetic properties of R ₃ (Fe _{1-x} Co _x) ₂₉ My (R=rare earth metal,) Tj ETQq0 0,0 rgBT /O ₅ verlock 10	5.5	5
41	A graphite oxide-like carbogenic material derived from a molecular precursor. Carbon, 2006, 44, 1906-1912.	10.3	21
42	Structural and Magnetic Properties of Sm ₃ (Fe _{1-x} Co _x) ₂₇ Ti _{1.3} . IEEE Transactions on Magnetism, 2006, 42, 3767-3769.	2.1	4
43	The effect of Mn doping in FePt nanoparticles on the magnetic properties of the L10 phase. Nanotechnology, 2006, 17, 4270-4273.	2.6	19
44	Structure and magnetic properties of Sm(Co _{1-x} M _x) ₅ (M = Cu, Ag) alloys. Journal of Materials Processing Technology, 2005, 161, 173-175.	6.3	3
45	Structural and magnetic properties of Y ₃ (Fe _{1-x} Co _x) _{27.5} V _{1.5} (0 ≤ x ≤ 0.4). Journal of Alloys and Compounds, 2005, 399, 41-46.	5.5	6
46	Synthesis and Characterization of 3D CoPt Nanostructures. Journal of the American Chemical Society, 2005, 127, 13756-13757.	18.7	107
47	Magnetic properties and structural characteristics of interstitially modified Nd ₃ (Fe _{1-x} Co _x) ₂₇ Ti _{1.3} N _y nitrides (x=0.1, 0.2, 0.3, 0.4). Journal of Magnetism and Magnetic Materials, 2004, 278, 46-56.	2.3	3
48	Angular dependence of coercivity in Sm(Co, Fe, Cu, Zr) _z magnets. Journal of Magnetism and Magnetic Materials, 2004, 279, 389-395.	2.3	12
49	⁵⁷ Fe Mössbauer spectroscopic studies of the magnetic anisotropy and spin reorientations in Nd ₃ (Fe _{1-x} Co _x) ₂₇ Ti _{1.3} (0 ≤ x ≤ 0.4). Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1913-E1915.	2.3	1
50	Temperature-compensated Sm _{1-x} Gd _x (Co _{0.74} Fe _{0.10} Cu _{0.12} Zr _{0.04}) _{7.50} permanent magnets (x = 0, 0.2, 0.4, 0.6,) Tj ETQq0 0,0 rgBT /O ₅	3.5	14
51	Structure and magnetic properties of Er ₃ (Fe, V) ₂₉ alloys. Journal of Alloys and Compounds, 2004, 369, 178-181.	5.5	4
52	Structural and magnetic properties of rare earth-iron-cobalt-vanadium intermetallic compounds (R: Tb, Dy). Journal of Alloys and Compounds, 2004, 367, 255-261.	5.5	10
53	Synthesis and Magnetic Properties of (Ln, Ln ²⁺) ₃ (Fe, Ti) ₂₉ (Ln: Pr, Nd and Ln ²⁺ : Sm, Er) Intermetallic Compounds.. ChemInform, 2003, 34, no.	0.0	0
54	Synthesis and magnetic properties of (R, R ²⁺) ₃ (Fe, Ti) ₂₉ (R=Pr, Nd and R ²⁺ =Sm, Er) intermetallic compounds. Journal of Alloys and Compounds, 2003, 352, 73-78.	5.5	8

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55	Temperature dependence of the activation volume in high-temperature Sm(Co,Fe,Cu,Zr) _z magnets. Journal of Applied Physics, 2002, 92, 7693-7695.	2.5	6
56	Structure and magnetic properties of RCo ₇ ~xMnx alloys (R=Sm, Gd; x=0.1~1.4). Journal of Magnetism and Magnetic Materials, 2002, 242-245, 844-846.	2.3	37
57	Effects of Co substitution on structural and magnetic properties of R ₃ (Fe ₁ ~xCox) ₂₉ ~yVy (R=Tb, Dy). Journal of Magnetism and Magnetic Materials, 2002, 247, 34-41.	2.3	22
58	57Fe Mössbauer study of novel series of intermetallic compounds R ₃ (Fe ₁ ~xCox) ₂₉ ~yTy (R=Nd, Tb, Dy; y) Tj ETQq0 0 0 rgBT ₆ /Overlock		
59	Phase stability, structure and magnetic properties of R ₃ (Fe,TM) ₂₉ , (R=Gd, Dy, Er, Y and TM=V, Ti) compounds with disordered structures. Journal of Alloys and Compounds, 2001, 317-318, 455-458.	5.5	10
60	Structural and magnetic properties of Nd ₃ (Fe ₁ ~xCox) _{27.7} Ti _{1.3} (0<x~0.4) alloys. Journal of Alloys and Compounds, 2001, 325, 59-66.	5.5	22
61	Magnetic characterisation and hydrogen absorption characteristics of Pr ₃ (Fe,Ti) ₂₉ Hx. Journal of Magnetism and Magnetic Materials, 2001, 234, 47-54.	2.3	1
62	Magnetocrystalline anisotropy of a novel Y(Fe,V) _{9.66} intermetallic compound and its nitride with a disordered CaCu ₅ -type structure. Journal of Magnetism and Magnetic Materials, 2000, 208, 20-26.	2.3	4
63	Magnetic properties of interstitial modified Pr ₃ (Fe,Ti) ₂₉ hydrocarbide. Journal of Alloys and Compounds, 2000, 307, 234-239.	5.5	2
64	Phase diagram and magnetic properties of Nd ₃ ~xDyx(Fe,Ti) ₂₉ (0.1<x<3) intermetallic compounds. Journal of Alloys and Compounds, 2000, 305, 311-317.	5.5	8
65	Structural and magnetic properties of a novel DyFe _{9.16} V _{0.50} intermetallic compound with a disordered CaCu ₅ -type structure. Journal of Applied Physics, 1999, 86, 5444-5449.	2.5	3
66	Synthesis of melt-spun rare-earth transition-metal intermetallics with Nd ₃ (Fe,Ti) ₂₉ -type structure. Journal of Alloys and Compounds, 1999, 290, 1-5.	5.5	2
67	Structural and magnetic properties of a novel compound with Y ₃ (Fe, V) ₂₉ stoichiometry and disordered CaCu ₅ -type structure. Journal of Alloys and Compounds, 1998, 270, 21-27.	5.5	10
68	A Systematic Structural Study, Interpretation and Prediction of Physical Properties for the Hard Magnetic Intermetallic Compound RE₃T₂₉, Based on Structure-Superstructure Relations Materials Science Forum, 1998, 278-281, 526-531.	0.3	3
69	Ab initio crystal structure solution of the novel intermetallic compound Nd ₃ (Fe,Ti) ₂₉ . Journal of Alloys and Compounds, 1996, 234, 62-66.	5.5	16
70	Structural and magnetic properties of Nd ₃ (Fe,Ti) ₂₉ Cx carbide. Journal of Alloys and Compounds, 1996, 240, 134-138.	5.5	7
71	Structural and intrinsic magnetic material parameters of Pr ₃ (Fe,Ti) ₂₉ and Pr ₃ (Fe,Ti) ₂₉ Nx. Journal of Magnetism and Magnetic Materials, 1996, 153, 75-85.	2.3	27
72	Synthesis and magnetic properties of rare earth~iron~chromium phases and their nitrides. Journal of Applied Physics, 1996, 79, 5539.	2.5	12

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73	Synthesis and magnetic properties of $R_3(\text{Fe,Ti})_{29}$ and $R_3(\text{Fe,Ti})_{29}\text{N}_x$ ($R = \text{Ce,Pr,Gd}$). Journal of Magnetism and Magnetic Materials, 1995, 147, L7-L10.	2.3	30
74	Magnetic properties and structural characteristics of a novel $\text{Ce}_{3/29}(\text{Fe}_{0.95}\text{Ti}_{0.05})_{29}\text{N}_4$ nitride. IEEE Transactions on Magnetics, 1995, 31, 3698-3700.	2.1	9