Margarit Gjoka

List of Publications by Year
in descending order

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74 papers	1,150 citations	471509 17 h-index	414414 32 g-index
77 all docs	77 docs citations	77 times ranked	1547 citing authors

#	Article	IF	Citations
1	Structureâ€“property relationships in isotactic polypropylene/multi-walled carbon nanotubes nanocomposites. Composites Science and Technology, 2010, 70, 328-335.	7.8	168
2	Chemical synthesis and characterization of hcp Ni nanoparticles. Nanotechnology, 2006, 17, 3750-3755.	2.6	117
3	Synthesis and Characterization of 3D CoPt Nanostructures. Journal of the American Chemical Society, 2005, 127, 13756-13757.	13.7	107
4	High coercivity cobalt carbide nanoparticles processed via polyol reaction: a new permanent magnet material. Journal Physics D: Applied Physics, 2010, 43, 165003.	2.8	107
5	Processing of magnetically anisotropic MnBi particles by surfactant assisted ball milling. Journal of Magnetism and Magnetic Materials, 2017, 426, 691-697.	2.3	39
6	Structure and magnetic properties of RCo7â^'xMnx alloys (R=Sm, Gd; x=0.1â€“1.4). Journal of Magnetism and Magnetic Materials, 2002, 242-245, 844-846.	2.3	37
7	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
8	Synthesis and magnetic properties of R3(Fe,Ti)29 and R3(Fe,Ti)29Nx (R = Ce,Pr,Gd). Journal of Magnetism and Magnetic Materials, 1995, 147, L7-L10.	2.3	30
9	Structural and intrinsic magnetic material parameters of Pr3(Fe,Ti)29 and Pr3(Fe,Ti)29Nx. Journal of Magnetism and Magnetic Materials, 1996, 153, 75-85.	2.3	27
10	Effect of annealing on soft magnetic behavior of nanostructured (Fe0.5Co0.5)73.5Si13.5B9Nb3Cu1 ribbons. Journal of Alloys and Compounds, 2014, 582, 79-82.	5.5	25
11	The role of synthetic parameters in the magnetic behavior of relative large hcp Ni nanoparticles. Journal of Nanoparticle Research, 2011, 13, 1897-1908.	1.9	24
12	Structural and magnetic properties of Nd3(Fe1â^'xCox)27.7Ti1.3 (0<xâ‰0.4) alloys. Journal of Alloys and Compounds, 2001, 325, 59-66.	5.5	22
13	Effects of Co substitution on structural and magnetic properties of R3(Fe1â^'xCox)29â^'yVy (R=Tb, Dy). Journal of Magnetism and Magnetic Materials, 2002, 247, 34-41.	2.3	22
14	A graphite oxide-like carbogenic material derived from a molecular precursor. Carbon, 2006, 44, 1906-1912.	10.3	21
15	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
16	The effect of Mn doping in FePt nanoparticles on the magnetic properties of the L10phase. Nanotechnology, 2006, 17, 4270-4273.	2.6	19
17	On the effect of cooling rate during melt spinning of FINEMET ribbons. Nanoscale, 2013, 5, 7520.	5.6	18
18	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

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19	Magnetic cluster expansion simulation and experimental study of high temperature magnetic properties of Feâ€“Cr alloys. Journal of Physics Condensed Matter, 2012, 24, 326001.	1.8	17
20	Effect of Zr substitution on the structural and magnetic properties of the series Nd1â^'xZrxFe10Si2 with the ThMn12 type structure. Journal of Alloys and Compounds, 2016, 687, 240-245.	5.5	17
21	Ab initio crystal structure solution of the novel intermetallic compound Nd3(Fe,Ti)29. Journal of Alloys and Compounds, 1996, 234, 62-66.	5.5	16
22	Morphological, Thermal, and Electrical Characterization of Syndiotactic Polypropylene/Multiwalled Carbon Nanotube Composites. Journal of Macromolecular Science - Physics, 2010, 49, 1044-1056.	1.0	16
23	Synthesis, characterisation and hydrogen sorption properties of mechanically alloyed Mg(Ni1-xMnx)2. Materials Today Energy, 2019, 13, 186-194.	4.7	16
24	Temperature-compensated Sm1â^'Gd (Co0.74Fe0.10Cu0.12Zr0.04)7.50 permanent magnets (x = 0, 0.2, 0.4, 0.6,) Tj ETQq0 0 0 rgBT /O	5.5	14
25	Synthesis and magnetic properties of rare earthâ€“ironâ€“chromium phases and their nitrides. Journal of Applied Physics, 1996, 79, 5539.	2.5	12
26	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
27	Structural and magnetic properties of a novel compound with Y3(Fe, V)29 stoichiometry and disordered CaCu5-type structure. Journal of Alloys and Compounds, 1998, 270, 21-27.	5.5	10
28	Phase stability, structure and magnetic properties of R3(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
29	Structural and magnetic properties of rare earthâ€”ironâ€“cobaltâ€“vanadium intermetallic compounds (R: Tb, Dy). Journal of Alloys and Compounds, 2004, 367, 255-261.	5.5	10
30	Magnetic properties and structural characteristics of a novel Ce/sub 3/(Fe/sub 0.95/Ti/sub 0.05/)/sub 29/N/sub 4/ nitride. IEEE Transactions on Magnetics, 1995, 31, 3698-3700.	2.1	9
31	Nitrogenation and sintering of (Nd-Zr)Fe10Si2 tetragonal compounds for permanent magnets applications. Journal of Alloys and Compounds, 2019, 784, 996-1002.	5.5	9
32	Phase diagram and magnetic properties of Nd3â^'xDyx(Fe,Ti)29 (0.1<x<3) intermetallic compounds. Journal of Alloys and Compounds, 2000, 305, 311-317.	5.5	8
33	Synthesis and magnetic properties of (R,Râ€²)3(Fe,Ti)29 (R=Pr, Nd and Râ€²=Sm, Er) intermetallic compounds. Journal of Alloys and Compounds, 2003, 352, 73-78.	5.5	8
34	Structural and magnetic properties of Nd3(Fe,Ti)29Cx carbide. Journal of Alloys and Compounds, 1996, 240, 134-138.	5.5	7
35	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
36	Structural and magnetic properties of Y3(Fe1â^'xCox)27.5V1.5 (0â‰¤xâ‰¤0.4). Journal of Alloys and Compounds, 2005, 399, 41-46.	5.5	6

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37	Existence and properties of Co-rich 3:29-type of compounds synthesized with heavy rare earths. Journal of Magnetism and Magnetic Materials, 2007, 316, e458-e461.	2.3	6
38	Structure and magnetic properties of Sm(Co0.74Fe0.1Cu0.12Zr0.04)8 melt-spun nanostructured alloys. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 152, 81-85.	3.5	6
39	Intrinsic magnetic properties of (Nd1â^'xSmx)Fe11Ti. Journal of Alloys and Compounds, 2021, 864, 158097.	5.5	6
40	Structural and magnetic properties of SmCo5â^'XNiX intermetallic compounds. Journal of Alloys and Compounds, 2021, 882, 160699.	5.5	6
41	57Fe MÃ¶ssbauer study of novel series of intermetallic compounds R3(Fe1â^'xCox)29â^'yTy (R=Nd, Tb, Dy;) Tj ETQq1 1 0.784314 rgB		6
42	Influences of Co on structural and magnetic properties of R3(Fe1â^'xCox)29â^'yMy (R=rare earth metal,) Tj ETQq0 0 0 rgBT /Overlock 10	5.5	5
43	Magnetocrystalline anisotropy of a novel Y(Fe,V)9.66 intermetallic compound and its nitride with a disordered CaCu5-type structure. Journal of Magnetism and Magnetic Materials, 2000, 208, 20-26.	2.3	4
44	Structure and magnetic properties of Er3(Fe, V)29 alloys. Journal of Alloys and Compounds, 2004, 369, 178-181.	5.5	4
45	Structural and Magnetic Properties of Sm$_3$(Fe$_1-rm x$Co$_rm x$)$_27.7$Ti$_1.3$. IEEE Transactions on Magnetics, 2006, 42, 3767-3769.	2.1	4
46	A Systematic Structural Study, Interpretation and Prediciton of Physical Properties for the Hard Magnetic Intermetallic Coumpound RE₃T₂₉, Based on Structure-Superstructure Relations .... Materials Science Forum, 1998, 278-281, 526-531.	0.3	3
47	Structural and magnetic properties of a novel DyFe9.16V0.50 intermetallic compound with a disordered CaCu5-type structure. Journal of Applied Physics, 1999, 86, 5444-5449.	2.5	3
48	Magnetic properties and structural characteristics of interstitially modified Nd3(Fe1â^'xCox)27.7Ti1.3Ny nitrides (x=0.1, 0.2, 0.3, 0.4). Journal of Magnetism and Magnetic Materials, 2004, 278, 46-56.	2.3	3
49	Structure and magnetic properties of Sm(Co1â^'xMx)5 (M = Cu, Ag) alloys. Journal of Materials Processing Technology, 2005, 161, 173-175.	6.3	3
50	Using magnetic circular dichroism for the study of the magnetization and the magnetic moments of atoms in Nd₃Fe_{27.5}Ti_{1.5}. Journal of Physics Condensed Matter, 2009, 21, 236001.	1.8	3
51	Magnetic anisotropy of Hoâ€“Feâ€“Coâ€“Cr intermetallic compounds. Journal of Alloys and Compounds, 2009, 482, 19-22.	5.5	3
52	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
53	Synthesis, processing and characterization of Mn-based nanoparticles for permanent magnet applications. Materials Today: Proceedings, 2019, 19, 126-132.	1.8	3
54	Synthesis of melt-spun rare-earth transition-metal intermetallics with Nd3(Fe,Ti)29-type structure. Journal of Alloys and Compounds, 1999, 290, 1-5.	5.5	2

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55	Magnetic properties of interstitial modified Pr3(Fe,Ti)29 hydrocarbide. Journal of Alloys and Compounds, 2000, 307, 234-239.	5.5	2
56	Structure and magnetic properties of Gd4(Co,Ti)41 alloys. Journal of Alloys and Compounds, 2006, 423, 59-61.	5.5	2
57	Structural and Magnetic Properties of Fe Doped Mn-Ga Ribbons. EPJ Web of Conferences, 2014, 75, 03004.	0.3	2
58	Experimental Proof of Microwave Sintering of Ndâ€“Feâ€“B Powders Toward Fabrication of Permanent Magnets. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	2
59	Comparison among Different Processing Conditions in Synthesis of Polypropylene/Carbon Nanotubes Composites Using Raman Spectroscopy. Polymer-Plastics Technology and Engineering, 2015, 54, 81-86.	1.9	2
60	Structure and magnetic properties of Sm1-xZrxFe10Si2(x=0.2-0.6) alloys. Journal of Physics: Conference Series, 2017, 903, 012033.	0.4	2
61	Magnetic characterisation and hydrogen absorption characteristics of Pr3(Fe,Ti)29Hx. Journal of Magnetism and Magnetic Materials, 2001, 234, 47-54.	2.3	1
62	57Fe MÃ¶ssbauer spectroscopic studies of the magnetic anisotropy and spin reorientations in Nd3(Fe1â^'Co)27.7Ti1.3 (0â©½xâ©½0.4). Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1913-E1915.	2.3	1
63	Study on the existence and properties of Y3(Fe1â^'xCox)29â^'yCry (x=0.6â€“1.0; y=5â€“7) intermetallic compounds. Journal of Alloys and Compounds, 2007, 437, 16-21.	5.5	1
64	Towards realization of bulk L1<inf>0</inf>-FeNi. , 2017, , .		1
65	Effect of cobalt substitution on structure and magnetic properties of Nd0.4Zr0.6Fe10â€“Co Si2 (xÂ= 0â€“3) alloys and their ribbons. Journal of Rare Earths, 2019, 37, 1096-1101.	4.8	1
66	Cost effective modification of SmCo5-type alloys. AIP Advances, 2022, 12, .	1.3	1
67	Synthesis and Magnetic Properties of (Ln,Lnâ€²)3(Fe,Ti)29 (Ln: Pr, Nd and Lnâ€²: Sm, Er) Intermetallic Compounds.. ChemInform, 2003, 34, no.	0.0	0
68	Structural and magnetic properties of Sm3(Fe1-xCox)27.7Ti1.3.. , 2006, , .		0
69	Magnetocrystalline Anisotropy of Nd3(Fe1â^'xCox)27,7Ti1,3Ny Compounds. AIP Conference Proceedings, 2007, , .	0.4	0
70	Magnetocrystalline anisotropy of Nd3(Fe1â^'xCox)27.7Ti1.3Ny compounds. Journal of Alloys and Compounds, 2008, 458, 37-40.	5.5	0
71	Structure and Magnetic Properties of Boron Doped Fe50+xCu25â^'xM25(M = Al, Ga) and Fe50+xCo25â^'xGa25 Heusler Alloys. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	0
72	Effects of milling conditions on the magnetic properties of MnBi alloys. , 2015, , .		0

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73	Synthesis, processing and characterization of FeMnGa nanoparticles for permanent magnet applications. Materials Today: Proceedings, 2017, 4, 6948-6953.	1.8	0
74	A novel approach for plastic bonded magnets of the type MQU-F melt spun NdFeGaB-type alloys. , 2017, , .		0