

Ming Yue

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/896013/publications.pdf>

Version: 2024-02-01

184
papers

2,789
citations

201674

27
h-index

265206

42
g-index

185
all docs

185
docs citations

185
times ranked

2002
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology control of magnetic properties in cobalt nanowires. <i>Rare Metals</i> , 2023, 42, 1994-1999.	7.1	3
2	Anisotropic Nanocrystalline SmCo ₅ Permanent Magnet Prepared by Hot Extrusion. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5.	2.1	1
3	Phase Structure and Properties of Fe-Rich 2:17-Type Sm-Co Sintered Magnets. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5.	2.1	1
4	Micromagnetic Simulation of Nitrogenation Effect on the Magnetic Properties of Sm ₂ Fe ₁₇ N ₃ Alloy. <i>IEEE Magnetics Letters</i> , 2022, 13, 1-5.	1.1	3
5	Effects of Shape Anisotropy on Hard-Soft Exchange-Coupled Permanent Magnets. <i>Nanomaterials</i> , 2022, 12, 1261.	4.1	9
6	Effect of stacking faults on magnetic properties and magnetization reversal in Co nanowires. <i>Materials Characterization</i> , 2022, 187, 111861.	4.4	8
7	Grain refinement leading to the ultra-high coercivity in L1 ₀ -Mn _{1.33} Ga bulk magnet via hot deformation. <i>Applied Physics Letters</i> , 2022, 120, 152403.	3.3	0
8	Layer-Dependent Interlayer Antiferromagnetic Spin Reorientation in Air-Stable Semiconductor CrSBr. <i>ACS Nano</i> , 2022, 16, 11876-11883.	14.6	22
9	Structural evolution of anisotropic SmCo _{6.8} Hf _{0.2} nanocrystalline magnet prepared by hot deformation. <i>Materials Research Letters</i> , 2022, 10, 648-655.	8.7	3
10	Coercivity enhancement of Nd-La-Ce-Fe-B sintered magnets: Synergistic effects of grain boundary regulation and chemical heterogeneity. <i>Acta Materialia</i> , 2022, 235, 118102.	7.9	16
11	Construction of high-performance multi-main-phase LaCe-based sintered magnets by chemical heterogeneity enhancement. <i>Materials Letters</i> , 2022, 325, 132818.	2.6	1
12	Enhanced coercivity in Co nanowires via manipulation of head morphology. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 561, 169695.	2.3	3
13	Phase and Texture Evolution of Hot-Deformed Sm(Co,Fe,Cu,Zr) _z Magnet. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-5.	2.1	1
14	DDM Curing Enhancement for the Epoxy Resin Binder Bonded Nd-Fe-B Magnets. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-7.	2.1	1
15	The Effect of Doping Cu Powders on Mechanical Properties and Magnetic Properties of Sm(CoFeCuZr) _z Sintered Magnets. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-4.	2.1	4
16	Origin of low coercivity of high La-Ce-containing Nd-Fe-B sintered magnets. <i>Rare Metals</i> , 2021, 40, 180-184.	7.1	17
17	Coercivity enhancement mechanism of Tb-diffusion Nd-Fe-B sintered magnets studied by magneto-optical Kerr optical microscope. <i>Rare Metals</i> , 2021, 40, 570-574.	7.1	14
18	Ecological variations of woody species along an altitudinal gradient in the Qinling Mountains of Central China: area-based versus mass-based expression of leaf traits. <i>Journal of Forestry Research</i> , 2021, 32, 599-608.	3.6	1

#	ARTICLE	IF	CITATIONS
19	Epigenetic memory and growth responses of the clonal plant <i>Glechoma longituba</i> to parental recurrent UV-B stress. <i>Functional Plant Biology</i> , 2021, 48, 827.	2.1	8
20	Tuning the morphology of soft magnetic phase to optimize the microstructure of SmCo ₅ /Fe nanocomposites. <i>Materials Characterization</i> , 2021, 172, 110838.	4.4	2
21	Ultraviolet B Radiation Triggers DNA Methylation Change and Affects Foraging Behavior of the Clonal Plant <i>Glechoma longituba</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 633982.	3.6	6
22	Tip Interface Exchange-Coupling Based on Bi-Anisotropic Nanocomposites with Low Rare-Earth Content. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13548-13555.	8.0	8
23	Bulk anisotropic nanocrystalline Sm _{0.6} Pr _{0.4} Co ₅ magnets with excellent energy density. <i>Materials Characterization</i> , 2021, 173, 110942.	4.4	4
24	Texture analysis of ultra-high coercivity Sm ₂ Co ₇ hot deformation magnets*. <i>Chinese Physics B</i> , 2021, 30, 047505.	1.4	1
25	Directional Magnetization Reversal Enables Ultrahigh Energy Density in Gradient Nanostructures. <i>Advanced Materials</i> , 2021, 33, e2102800.	21.0	49
26	In-situ observation of magnetization reversal process of Sm(Co,Cu,Fe,Zr) _z magnets with different Fe contents. <i>Rare Metals</i> , 2020, 39, 250-255.	7.1	9
27	Structure and magnetic properties of nanocrystalline dysprosium powders. <i>Rare Metals</i> , 2020, 39, 28-35.	7.1	6
28	Low-cost Sm _{0.7} Y _{0.3} Co ₅ sintered magnet produced by traditional powder metallurgical techniques. <i>Rare Metals</i> , 2020, 39, 421-428.	7.1	8
29	Numerical simulation of single roller melt spinning for NdFeB alloy based on finite element method. <i>Rare Metals</i> , 2020, 39, 1145-1150.	7.1	9
30	Microstructure and magnetic properties of SmCo ₅ sintered magnets. <i>Rare Metals</i> , 2020, 39, 1295-1299.	7.1	10
31	Nucleotide diversity and demographic history of <i>Pinus bungeana</i> , an endangered conifer species endemic in China. <i>Journal of Systematics and Evolution</i> , 2020, 58, 282-294.	3.1	10
32	Sm ₂ Co ₇ nanophase inducing low-temperature hot deformation to fabricate high performance SmCo ₅ magnet. <i>Scripta Materialia</i> , 2020, 178, 34-38.	5.2	19
33	Effect of inhibiting CeFe ₂ on grain boundary diffusion of Ce/La-Ce containing Nd-Fe-B magnets. <i>Materials Letters</i> , 2020, 261, 127017.	2.6	22
34	Editorial for rare metals, special issue on advanced permanent magnetic materials. <i>Rare Metals</i> , 2020, 39, 1-1.	7.1	12
35	Achievement of high performance in multi-main-phase (Pr,Nd,MM)-Fe-B sintered magnets by regulating microstructure. <i>Intermetallics</i> , 2020, 124, 106870.	3.9	7
36	Physiological integration ameliorates the effects of UV-B radiation in the clonal herb <i>Duchesnea indica</i> . <i>Folia Geobotanica</i> , 2020, 55, 141-150.	0.9	1

#	ARTICLE	IF	CITATIONS
37	Property enhancement of bonded Nd-Fe-B magnets by composite adhesive design. <i>Materials and Design</i> , 2020, 192, 108767.	7.0	7
38	Magnetostructural transitions in V-doped MnCoGe compounds. <i>AIP Advances</i> , 2020, 10, 025325.	1.3	2
39	Human disturbance rather than habitat factors drives plant community assembly and diversity patterns in a semiarid region. <i>Land Degradation and Development</i> , 2020, 31, 1803-1811.	3.9	5
40	Optimizing microstructure and magnetic properties of mischmetal-based sintered magnets by grain refinement. <i>Materials Letters</i> , 2020, 267, 127509.	2.6	6
41	Complete chloroplast genomes of Liliaceae (s.l.) species: comparative genomic and phylogenetic analyses. <i>Nordic Journal of Botany</i> , 2020, 38, .	0.5	6
42	Stabilizing Hard Magnetic SmCo ₅ Nanoparticles by N-Doped Graphitic Carbon Layer. <i>Journal of the American Chemical Society</i> , 2020, 142, 8440-8446.	13.7	37
43	Evolutionary analysis of chloroplast tRNA of Gymnosperm revealed the novel structural variation and evolutionary aspect. <i>PeerJ</i> , 2020, 8, e10312.	2.0	4
44	Magnetic properties and magnetization reversal in Co nanowires with different morphology. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 469, 203-210.	2.3	25
45	A Flameâ€Reaction Method for the Largeâ€Scale Synthesis of Highâ€Performance Sm _x Co _y Nanomagnets. <i>Angewandte Chemie</i> , 2019, 131, 14651-14654.	2.0	9
46	A Flameâ€Reaction Method for the Largeâ€Scale Synthesis of Highâ€Performance Sm _x Co _y Nanomagnets. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14509-14512.	13.8	39
47	MM-Fe-B based gap magnet with excellent energy density. <i>Intermetallics</i> , 2019, 115, 106626.	3.9	7
48	Magnetically recyclable Sm ₂ Co ₁₇ /Cu catalyst to chemoselectively reduce the 3-nitrostyrene into 3-vinylaniline under room temperature. <i>Nano Research</i> , 2019, 12, 3085-3088.	10.4	20
49	A novel strategy for approaching high performance SmCo ₅ /Co nanocomposites. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151890.	5.5	6
50	Chemically synthesized anisotropic SmCo ₅ nanomagnets with a large energy product. <i>Nanoscale</i> , 2019, 11, 12484-12488.	5.6	22
51	Preparation and characterization of sodium silicate/epoxy resin composite bonded Nd-Fe-B magnets with high performance. <i>Journal of Rare Earths</i> , 2019, 37, 1083-1087.	4.8	10
52	Microstructure Characteristics of 2:17 SmCo Commercial Magnets With Different Coercivities. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-4.	2.1	2
53	Soil Abiotic Properties and Plant Functional Traits Mediate Associations Between Soil Microbial and Plant Communities During a Secondary Forest Succession on the Loess Plateau. <i>Frontiers in Microbiology</i> , 2019, 10, 895.	3.5	52
54	The role of intraspecific trait variability and soil properties in community assembly during forest secondary succession. <i>Ecosphere</i> , 2019, 10, e02940.	2.2	11

#	ARTICLE	IF	CITATIONS
55	Effect of ingot cooling rate on Cu distribution and magnetic properties of Sm(Co _{0.28} Fe _{0.07} Zr _{0.03}) _{7.6} magnets. <i>AIP Advances</i> , 2019, 9, 125142.	1.3	3
56	Gene Introgression among Closely Related Species in Sympatric Populations: A Case Study of Three Walnut (<i>Juglans</i>) Species. <i>Forests</i> , 2019, 10, 965.	2.1	9
57	Species delimitation and interspecific relationships of the endangered herb genus <i>Notopterygium</i> inferred from multilocus variations. <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 142-151.	2.7	13
58	Recrystallization induced coercivity and magnetic properties enhancement in hot-deformed L1-Mn _{1.8} Ga magnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 167-172.	2.3	7
59	Magnetic domain switching in Nd-Fe-B sintered magnets with superior magnetic properties. <i>Materials Research Letters</i> , 2018, 6, 255-260.	8.7	43
60	A facile synthesis of anisotropic SmCo ₅ nanochips with high magnetic performance. <i>Chemical Engineering Journal</i> , 2018, 343, 1-7.	12.7	38
61	Effect of phase composition on crystal texture formation in hot deformed nanocrystalline SmCo ₅ magnets. <i>AIP Advances</i> , 2018, 8, .	1.3	12
62	Recycling of Nd-Fe-B Sintered Magnets Sludge via the Reduction-Diffusion Route To Produce Sintered Magnets with Strong Energy Density. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6547-6553.	6.7	18
63	Post-sinter annealing influences on coercivity of multi-main-phase Nd-Ce-Fe-B magnets. <i>Acta Materialia</i> , 2018, 146, 97-105.	7.9	58
64	Intrinsic evolution of novel (Nd, MM) ₂ Fe ₁₄ B-system magnetic flakes. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	3
65	Engineering Bulk, Layered, Multicomponent Nanostructures with High Energy Density. <i>Small</i> , 2018, 14, e1800619.	10.0	91
66	Magnetic Domain Evolution in Sintered Nd-Fe-B Magnet during Magnetization Process. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 1665-1668.	1.8	4
67	Preparation and characterization of phenol formaldehyde bonded Nd-Fe-B magnets with high strength and heat resistance.. , 2018, , .		0
68	Investigation on texture, magnetic properties and inhomogeneities of hot deformed Nd-Fe-B magnet.. , 2018, , .		0
69	The effect of easy axis deviations on the magnetic property of Co nanowire.. , 2018, , .		0
70	Evolutionary Analysis of Plastid Genomes of Seven <i>Lonicera</i> L. Species: Implications for Sequence Divergence and Phylogenetic Relationships. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4039.	4.1	23
71	The Effect of Easy Axis Deviations on the Magnetization Reversal of Co Nanowire. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5.	2.1	2
72	Clonal plant <i>Duchesnea indica</i> Focke forms an effective survival strategy in different degrees of Pb-contaminated environments. <i>Plant Ecology</i> , 2018, 219, 1315-1327.	1.6	10

#	ARTICLE	IF	CITATIONS
73	Anisotropic SmCo ₅ Nanocrystalline Magnet Prepared by Hot Deformation With Bulk Amorphous Precursors. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	6
74	Resistance-related physiological response of rice leaves to the compound stress of enhanced UV-B radiation and <i>Magnaporthe oryzae</i> . Journal of Plant Interactions, 2018, 13, 321-328.	2.1	10
75	Effects of La substitution on the crystal structure and magnetization of MM-Fe-B alloy (MM=La, Ce, Pr). Tj ETQq1 1 0.784314 rgBT /Dv	2.3	19
76	Designing shape anisotropic SmCo ₅ particles by chemical synthesis to reveal the morphological evolution mechanism. Nanoscale, 2018, 10, 10377-10382.	5.6	42
77	Shifts in Plant Community Assembly Processes across Growth Forms along a Habitat Severity Gradient: A Test of the Plant Functional Trait Approach. Frontiers in Plant Science, 2018, 9, 180.	3.6	10
78	A novel strategy to synthesize anisotropic SmCo ₅ particles from Co/Sm(OH) ₃ composites with special morphology. Journal of Materials Chemistry C, 2018, 6, 8522-8527.	5.5	35
79	Separate and Combined Response to UV-B Radiation and Jasmonic Acid on Photosynthesis and Growth Characteristics of <i>Scutellaria baicalensis</i> . International Journal of Molecular Sciences, 2018, 19, 1194.	4.1	16
80	Preparation and Characterization of Phenol Formaldehyde Bonded Nd-Fe-B Magnets With High Strength and Heat Resistance. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	5
81	Coercivity, microstructure, and thermal stability of sintered Nd-Fe-B magnets by grain boundary diffusion with TbH ₃ nanoparticles. Rare Metals, 2017, 36, 718-722.	7.1	45
82	Enhancement of corrosion resistance in sintered Nd-Fe-B permanent magnet doping with different CuZn ₅ contents. Rare Metals, 2017, 36, 812-815.	7.1	10
83	Local orientation texture analysis in nanocrystalline Sm _{0.6} Pr _{0.4} Co ₅ magnet and (SmCo ₅) _{0.6} (PrCo) Tj ETQq1 1 0.784314 rgBT /Dv	5.5	20
84	699, 262-267.		
84	Fabrication of bulk nanostructured permanent magnets with high energy density: challenges and approaches. Nanoscale, 2017, 9, 3674-3697.	5.6	118
85	Manipulation of morphology and magnetic properties in cobalt nanowires. AIP Advances, 2017, 7, 056229.	1.3	18
86	Preparation and properties of isotropic Nd-Fe-B bonded magnets with sodium silicate binder. Journal of Magnetism and Magnetic Materials, 2017, 435, 187-193.	2.3	19
87	Recrystallization and magnetic hardening in Mn _{1.8} Ga magnet by spark plasma sintering deformation. , 2017, , .		0
88	Enhanced Magnetic Properties of Spark Plasma Sintered (La/Ce)-Fe-B Magnets. IEEE Transactions on Magnetics, 2017, 53, 1-3.	2.1	12
89	Synthesis of Nanostructured Rare-Earth Permanent Magnets. , 2017, , 147-174.		0
90	The Magnetic and Crystal Structure of Mn _x Ga (1.15 ≤ x ≤ 1.8) Alloys. Scientific Reports, 2017, 7, 6469		

#	ARTICLE	IF	CITATIONS
91	The irreversible structural change in Mn _{1.1} Fe _{0.9} P _{0.8} Ge _{0.2} : Evidence for a magnetic driver. AIP Advances, 2017, 7, 056407.	1.3	3
92	Experimental and first-principles determination of the magnetocrystalline anisotropy in Mn _x Ga. AIP Advances, 2017, 7, .	1.3	4
93	Micromagnetic simulation of Co nanowires array. , 2017, , .		2
94	Magnetic property variation between misch-metal and (La _{0.27} Ce _{0.53} Pr _{0.03} Nd _{0.17})-metal substitution in Nd-Fe-B sintered magnet. , 2017, , .		0
95	Enhanced coercivity of spark plasma sintered (La,Ce)FeB magnets. , 2017, , .		2
96	Comparative Analysis of the Complete Chloroplast Genome of Four Endangered Herbals of Notopterygium. Genes, 2017, 8, 124.	2.4	54
97	Comparative Transcriptome Analysis Reveals Adaptive Evolution of Notopterygium incisum and Notopterygium franchetii, Two High-Alpine Herbal Species Endemic to China. Molecules, 2017, 22, 1158.	3.8	21
98	Structure and intrinsic magnetic properties of Sm _{1-x} Pr _x Co ₅ (x=0.6) compounds. Rare Metals, 2016, 35, 627-631.	7.1	7
99	Windows open for highly tunable magnetostructural phase transitions. APL Materials, 2016, 4, .	5.1	18
100	Crystal structure and magnetism of the Mn _x Ga (1.15 ≤ x ≤ 2.0) rare-earth-free permanent magnet system. AIP Advances, 2016, 6, .	1.3	7
101	Phase diagram calculation and experimental research on Fe ₁₂ Cr ₆ Al alloys. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 815-821.	0.9	1
102	Effect of quenching on microstructure and wear-resistance of Fe-10Cr-1.5B-2Al Alloy. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 822-830.	0.9	2
103	Wide temperature window of magnetostructural transition achieved in Mn _{0.4} Fe _{0.6} NiSi _{1-x} Ga _x by a two-step isostructural alloying process. AIP Advances, 2016, 6, 056220.	1.3	10
104	High-temperature magnetic properties of anisotropic MnBi/NdFeB hybrid bonded magnets. Rare Metals, 2016, 35, 471-474.	7.1	21
105	Crystallographic orientation-dependent magnetic properties of a PrCo ₅ permanent magnet prepared by hot deformation. CrystEngComm, 2016, 18, 2632-2641.	2.6	17
106	Intrinsic magnetic properties of single-phase Mn _{1+x} Ga (0 ≤ x ≤ 1) alloys. Scientific Reports, 2015, 5, 17086.	3.3	46
107	Structural and magneto-caloric properties of MnFeP _{1-x} Si _x compounds prepared by spark plasma sintering. , 2015, , .		0
108	Hot Pressed Pr ₂ (Fe,Co) ₁₄ B/PrCo ₅ Hybrid Magnet Prepared by Spark Plasma Sintering. IEEE Magnetics Letters, 2015, 6, 1-4.	1.1	4

#	ARTICLE	IF	CITATIONS
109	Recycling of scrap sintered Nd-Fe-B magnets as anisotropic bonded magnets via hydrogen decrepitation process. <i>Journal of Material Cycles and Waste Management</i> , 2015, 17, 547-552.	3.0	11
110	Disorder-Induced Enhancement of Magnetic Properties in Ball-Milled Fe ₂ CrAl Alloy. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	3
111	Microstructure and improved coercivity of Mn _{1.33} Ga nanoflakes by surfactant-assisted ball milling. , 2015, , .		0
112	Disorder-induced enhancement of magnetism in ball-milled Fe ₂ CrAl alloy. , 2015, , .		0
113	Recycle of Waste Nd-Fe-B Sintered Magnets via NdHx Nanoparticles Modification. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-3.	2.1	4
114	Structural and Magnetocaloric Properties of MnFeP _{1-x} Si _x Compounds Prepared by Spark Plasma Sintering. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	9
115	Effects of CE substitution on the microstructures and intrinsic magnetic properties of Nd-Fe-B alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 393, 551-554.	2.3	79
116	Enhanced Magnetic Properties and Thermal Stability of Nd ₂ Fe ₁₄ B/SmCo ₅ Composite Permanent Magnets Prepared by Spark Plasma Sintering. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	6
117	Distribution of boundary planes in a (La _{0.67} Nd _{0.33})B ₆ polycrystalline bulk prepared by spark plasma sintering. <i>CrystEngComm</i> , 2015, 17, 4210-4217.	2.6	8
118	Orientation texture of local habit planes and its relevance to local magnetic performance in a hot deformed PrCo ₅ bulk permanent magnet. <i>RSC Advances</i> , 2015, 5, 90976-90982.	3.6	5
119	Zinc glycine chelate absorption characteristics in <i>S</i> prague <i>D</i> awley rat. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 457-464.	2.2	12
120	Tuning of Microstructure and Magnetic Properties of Nanocrystalline NdFeB Permanent Magnets Prepared by Spark Plasma Sintering. <i>IEEE Magnetics Letters</i> , 2015, 6, 1-4.	1.1	11
121	Nitric oxide is involved in integration of <i>UV</i> -absorbing compounds among parts of clonal plants under a heterogeneous <i>UV</i> environment. <i>Physiologia Plantarum</i> , 2015, 155, 180-191.	5.2	8
122	Exchange interaction in hexagonal MnRhP from first-principles studies. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	3
123	Waste Nd-Fe-B Sintered Magnet Recycling by Doping With Rare Earth Rich Alloys. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-3.	2.1	21
124	Phase structure and magnetic properties of Mn ₃ Ga ₂ alloy. <i>Journal of Applied Physics</i> , 2014, 115, 17A745.	2.5	12
125	Morphology and magnetic properties of SmCo ₃ /Fe nanocomposite magnets prepared via severe plastic deformation. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	11
126	The effects of interstitial atoms H and B on magnetic properties and magnetocaloric effect in LaFe _{11.5} Al _{1.5} compound. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	9

#	ARTICLE	IF	CITATIONS
127	A study of microstructure and performance of cast Fe-8Cr-2B alloy. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2014, 45, 912-919.	0.9	5
128	Magnetic hardening mechanism of SmCo _{6.6} Nb _{0.4} nanoflakes prepared by surfactant-assisted ball milling method. <i>Journal of Applied Physics</i> , 2014, 115, 17A713.	2.5	7
129	Analysis of Photosynthetic Characteristics and UV-B Absorbing Compounds in Mung Bean Using UV-B and Red LED Radiation. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-5.	1.6	1
130	Simultaneous Quantitative and Qualitative Analysis of Flavonoids from Ultraviolet-B Radiation in Leaves and Roots of <i>Scutellaria baicalensis</i> Georgi Using LC-UV-ESI-Q/TOF/MS. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-9.	1.6	17
131	Effect of Ce doping on the magnetic and magnetocaloric properties of Pr _{0.5} Sr _{0.5} Co _x Ce _x MnO ₃ manganites. <i>Phase Transitions</i> , 2014, 87, 357-362.	1.3	0
132	Magnetic properties and thermal stability of MnBi/SmFeN hybrid bonded magnets. <i>Journal of Applied Physics</i> , 2014, 115, 17A746.	2.5	12
133	Structure and Thermal Stability of a Bulk Nanocrystalline $\text{Sm}_{0.8}\text{Tm}_{0.2}\text{Co}_{5.2}$ Permanent Magnet. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-3.	2.1	1
134	Orientation textures of grains and boundary planes in a hot deformed SmCo ₅ permanent magnet. <i>CrystEngComm</i> , 2014, 16, 1669.	2.6	20
135	Effects of the Substitution of 30 % Pr for La on the Magnetic Properties and Magnetocaloric Effect in LaFe _{1.5} Si _{1.5} B _{0.2} . <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 1899-1902.	1.8	5
136	Structure, magnetic properties, and thermal stability of Sm _{1-x} Tm _x Co ₅ compounds. <i>Rare Metals</i> , 2014, 33, 176-179.	7.1	6
137	3D and 1D calculation of hysteresis loops and energy products for anisotropic nanocomposite films with perpendicular anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 343, 245-250.	2.3	27
138	Investigation of Magnetic Properties of MnBi/ α -Fe Nanocomposite Permanent Magnets by Micro-Magnetic Simulation. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 3391-3393.	2.1	20
139	Crystal structure and magnetic properties of SmCo _{6.6} Nb _{0.4} nanoflakes prepared by surfactant-assisted ball milling. <i>Journal of Rare Earths</i> , 2013, 31, 975-978.	4.8	12
140	Structure evolution and entropy change of temperature and magnetic field induced magneto-structural transition in Mn _{1.1} Fe _{0.9} P _{0.76} Ge _{0.24} . <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	11
141	Ternary DyFeB Nanoparticles and Nanoflakes With High Coercivity and Magnetic Anisotropy. <i>IEEE Nanotechnology Magazine</i> , 2012, 11, 651-653.	2.0	8
142	The Regulation of Exogenous Jasmonic Acid on UV-B Stress Tolerance in Wheat. <i>Journal of Plant Growth Regulation</i> , 2012, 31, 436-447.	5.1	62
143	Structure and magnetic properties of bulk anisotropic SmCo ₅ /Fe nanocomposite permanent magnets prepared via a bottom up approach. <i>Journal of Alloys and Compounds</i> , 2012, 538, 173-176.	5.5	46
144	Electrodeposition and magnetic properties of FeCo alloy films. <i>Journal of Applied Physics</i> , 2012, 111, 07A319.	2.5	23

#	ARTICLE	IF	CITATIONS
145	Structure and magnetic properties of Mn _{1.2} Fe _{0.8} P _{0.76} Ge _{0.24} annealed alloy. Rare Metals, 2012, 31, 336-338.	7.1	7
146	Crystallographic alignment evolution and magnetic properties of Nd-Fe-B nanoflakes prepared by surfactant-assisted ball milling. Journal of Applied Physics, 2012, 111, .	2.5	25
147	Magnetocaloric effect in bulk nanocrystalline Gd metals by spark plasma sintering. Nanoscience Methods, 2012, 1, 16-24.	1.0	7
148	Direct Measurements of Magneto-caloric Effect of Gd ₅ Si ₂ Ge ₂ Alloys in Low Magnetic Field. Journal of Superconductivity and Novel Magnetism, 2012, 25, 487-490.	1.8	5
149	Magnetic anisotropy in bulk nanocrystalline SmCo ₅ permanent magnet prepared by hot deformation. Journal of Applied Physics, 2011, 109, .	2.5	69
150	Magnetic properties and thermal stability of MnBi/NdFeB hybrid bonded magnets. Journal of Applied Physics, 2011, 109, .	2.5	35
151	Structural and magnetic properties of bulk MnBi permanent magnets. Journal of Applied Physics, 2011, 109, .	2.5	33
152	Structure and magnetic properties of ternary Tb-Fe-B nanoparticles and nanoflakes. Applied Physics Letters, 2011, 99, 162510.	3.3	14
153	Magnetocaloric effect of Gd ₅ Si ₂ Ge ₂ alloys in low magnetic field. Bulletin of Materials Science, 2011, 34, 825-828.	1.7	11
154	Magnetic entropy change in bulk nanocrystalline Gd metals. Applied Nanoscience (Switzerland), 2011, 1, 51-57.	3.1	31
155	Preparation and magnetic properties of bulk nanostructured PrCo ₅ permanent magnets with strong magnetic anisotropy. Journal of Applied Physics, 2011, 109, .	2.5	20
156	Structure and magnetic properties of bulk anisotropic SmCo ₅ /Fe nanocomposite permanent magnets with different Fe content. Journal of Applied Physics, 2011, 109, .	2.5	29
157	Neutron diffraction study of the magnetic refrigerant Mn _{1.1} Fe _{0.9} P _{0.76} Ge _{0.24} . Powder Diffraction, 2010, 25, S25-S27.	0.2	7
158	Effect of annealing on the structure and magnetic properties of Mn _{1.1} Fe _{0.9} P _{0.8} Ge _{0.2} compound. Journal of Applied Physics, 2010, 107, 09A939.	2.5	21
159	Structure and magnetic properties of bulk nanocrystalline Tm ₂ (Co _{1-x} Fe _x) ₁₇ permanent magnet. Journal of Applied Physics, 2010, 107, 09A709.	2.5	0
160	Effect of Fe partial substitution for Co on the magnetic properties of Y(Co,Fe) ₅ from first-principles. Journal of Applied Physics, 2010, 107, 09A718.	2.5	6
161	Structure and magnetic properties of magnetically isotropic and anisotropic Nd-Fe-B permanent magnets prepared by spark plasma sintering technology. Journal of Applied Physics, 2010, 107, .	2.5	35
162	Temperature, magnetic field, and pressure dependence of the crystal and magnetic structures of the magnetocaloric compound		

#	ARTICLE	IF	CITATIONS
163	Mössbauer spectroscopy study on the magnetic transition in Mn _{1.1} Fe _{0.9} P _{0.8} Ge _{0.2} . Journal of Applied Physics, 2009, 105, 07A920.	2.5	17
164	Crystal structure and magnetic transition of MnFePGe compound prepared by spark plasma sintering. Journal of Applied Physics, 2009, 105, .	2.5	25
165	Electrochemical corrosion behavior of Nd-Fe-B permanent magnets with modified microstructure. Journal of Applied Physics, 2009, 105, 07A709.	2.5	12
166	Tb nanoparticles doped Nd-Fe-B sintered permanent magnet with enhanced coercivity. Applied Physics Letters, 2009, 94, 092501.	3.3	57
167	Thermal properties and microstructure of bulk nanocrystalline Gd material. Journal of Materials Science, 2009, 44, 5509-5514.	3.7	5
168	Origin and tuning of the magnetocaloric effect in the magnetic refrigerant		

#	ARTICLE	IF	CITATIONS
181	New kind of NdFeB magnet prepared by spark plasma sintering. IEEE Transactions on Magnetics, 2003, 39, 3551-3553.	2.1	52
182	Comparison and Analysis of Sodium Silicate and Epoxy Bonded NdFeB Magnets. Materials Science Forum, 0, 852, 136-141.	0.3	3
183	Comparative phylogeography of <i>Juglans regia</i> and <i>J. mandshurica</i> combining organellar and nuclear DNA markers to assess genetic diversity and introgression in regions of sympatry. Trees - Structure and Function, 0, , 1.	1.9	3
184	Fabrication of bulk nanostructured permanent magnets with high energy density: challenges and approaches. , 0, .		1