

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	Fabrication of bulk nanostructured permanent magnets with high energy density: challenges and approaches. <i>Nanoscale</i> , 2017, 9, 3674-3697.	5.6	118
2	Engineering Bulk, Layered, Multicomponent Nanostructures with High Energy Density. <i>Small</i> , 2018, 14, e1800619.	10.0	91
3	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
4	Technique for Preparing Ultrafine Nanocrystalline Bulk Material of Pure Rare-Earth Metals. <i>Advanced Materials</i> , 2006, 18, 1210-1215.	21.0	78
5	Magnetic anisotropy in bulk nanocrystalline SmCo ₅ permanent magnet prepared by hot deformation. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	69
6	Origin and tuning of the magnetocaloric effect in the magnetic refrigerant		

#	ARTICLE	IF	CITATIONS
19	A Flameâ€Reaction Method for the Largeâ€Scale Synthesis of Highâ€Performance Sm_xCo_y Nanomagnets. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14509-14512.	13.8	39
20	A facile synthesis of anisotropic SmCo ₅ nanochips with high magnetic performance. <i>Chemical Engineering Journal</i> , 2018, 343, 1-7.	12.7	38
21	Stabilizing Hard Magnetic SmCo₅ Nanoparticles by N-Doped Graphitic Carbon Layer. <i>Journal of the American Chemical Society</i> , 2020, 142, 8440-8446.	13.7	37
22	Structure and magnetic properties of magnetically isotropic and anisotropic Ndâ€Feâ€B permanent magnets prepared by spark plasma sintering technology. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	35
23	Magnetic properties and thermal stability of MnBi/NdFeB hybrid bonded magnets. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	35
24	A novel strategy to synthesize anisotropic SmCo₅ particles from Co/Sm(OH)₃ composites with special morphology. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8522-8527.	5.5	35
25	Structural and magnetic properties of bulk MnBi permanent magnets. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	33
26	Magnetic entropy change in bulk nanocrystalline Gd metals. <i>Applied Nanoscience (Switzerland)</i> , 2011, 1, 51-57.	3.1	31
27	Structure and magnetic properties of bulk anisotropic SmCo ₅ /Î±-Fe nanocomposite permanent magnets with different Î±-Fe content. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	29
28	Temperature, magnetic field, and pressure dependence of the crystal and magnetic structures of the magnetocaloric compound		

#	ARTICLE	IF	CITATIONS
37	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
38	Layer-Dependent Interlayer Antiferromagnetic Spin Reorientation in Air-Stable Semiconductor CrSBr. <i>ACS Nano</i> , 2022, 16, 11876-11883.	14.6	22
39	Effect of annealing on the structure and magnetic properties of Mn _{1.1} Fe _{0.9} P _{0.8} Ge _{0.2} compound. <i>Journal of Applied Physics</i> , 2010, 107, 09A939.	2.5	21
40	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
41	High-temperature magnetic properties of anisotropic MnBi/NdFeB hybrid bonded magnets. <i>Rare Metals</i> , 2016, 35, 471-474.	7.1	21
42	Comparative Transcriptome Analysis Reveals Adaptive Evolution of <i>Notopterygium incisum</i> and <i>Notopterygium franchetii</i> , Two High-Alpine Herbal Species Endemic to China. <i>Molecules</i> , 2017, 22, 1158.	3.8	21
43	Preparation and magnetic properties of bulk nanostructured PrCo ₅ permanent magnets with strong magnetic anisotropy. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	20
44	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
45	Orientation textures of grains and boundary planes in a hot deformed SmCo ₅ permanent magnet. <i>CrystEngComm</i> , 2014, 16, 1669.	2.6	20
46	Local orientation texture analysis in nanocrystalline Sm _{0.6} Pr _{0.4} Co ₅ magnet and (SmCo ₅) _{0.6} (PrCo) _{0.4} . <i>Journal of Applied Physics</i> , 2007, 102, 063501.	5.5	20
47	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
48	Preparation and properties of isotropic Nd-Fe-B bonded magnets with sodium silicate binder. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 435, 187-193.	2.3	19
49	Effects of La substitution on the crystal structure and magnetization of MM-Fe-B alloy (MM = La, Ce, Pr). <i>Journal of Applied Physics</i> , 2001, 90, 7843-7848.	2.3	19
50	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
51	Windows open for highly tunable magnetostructural phase transitions. <i>APL Materials</i> , 2016, 4, .	5.1	18
52	Manipulation of morphology and magnetic properties in cobalt nanowires. <i>AIP Advances</i> , 2017, 7, 056229.	1.3	18
53	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
54	Mössbauer spectroscopy study on the magnetic transition in Mn _{1.1} Fe _{0.9} P _{0.8} Ge _{0.2} . <i>Journal of Applied Physics</i> , 2009, 105, 07A920.	2.5	17

#	ARTICLE	IF	CITATIONS
55	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
56	Crystallographic orientation-dependent magnetic properties of a PrCo ₅ permanent magnet prepared by hot deformation. <i>CrystEngComm</i> , 2016, 18, 2632-2641.	2.6	17
57	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
58	Separate and Combined Response to UV-B Radiation and Jasmonic Acid on Photosynthesis and Growth Characteristics of <i>Scutellaria baicalensis</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 1194.	4.1	16
59	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
60	Structure and magnetic properties of ternary Tb-Fe-B nanoparticles and nanoflakes. <i>Applied Physics Letters</i> , 2011, 99, 162510.	3.3	14
61	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
62	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
63	Electrochemical corrosion behavior of Nd-Fe-B permanent magnets with modified microstructure. <i>Journal of Applied Physics</i> , 2009, 105, 07A709.	2.5	12
64	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
65	Phase structure and magnetic properties of Mn ₃ Ga ₂ alloy. <i>Journal of Applied Physics</i> , 2014, 115, 17A745.	2.5	12
66	Magnetic properties and thermal stability of MnBi/SmFeN hybrid bonded magnets. <i>Journal of Applied Physics</i> , 2014, 115, 17A746.	2.5	12
67	Zinc glycine chelate absorption characteristics in <i>Sprague-Dawley</i> rat. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 457-464.	2.2	12
68	Enhanced Magnetic Properties of Spark Plasma Sintered (La/Ce)-Fe-B Magnets. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-3.	2.1	12
69	Effect of phase composition on crystal texture formation in hot deformed nanocrystalline SmCo ₅ magnets. <i>AIP Advances</i> , 2018, 8, .	1.3	12
70	Editorial for rare metals, special issue on advanced permanent magnetic materials. <i>Rare Metals</i> , 2020, 39, 1-1.	7.1	12
71	Magnetocaloric effect of Gd ₅ Si ₂ Ge ₂ alloys in low magnetic field. <i>Bulletin of Materials Science</i> , 2011, 34, 825-828.	1.7	11
72	Structure evolution and entropy change of temperature and magnetic field induced magneto-structural transition in Mn _{1.1} Fe _{0.9} Po _{0.76} Ge _{0.24} . <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	11

#	ARTICLE	IF	CITATIONS
73	Morphology and magnetic properties of SmCo _{3/4} -Fe nanocomposite magnets prepared via severe plastic deformation. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	11
74	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
75	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
76	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
77	Wide temperature window of magnetostructural transition achieved in Mn _{0.4} Fe _{0.6} NiSi _{1-x} Gax by a two-step isostructural alloying process. <i>AIP Advances</i> , 2016, 6, 056220.	1.3	10
78	Enhancement of corrosion resistance in sintered Nd-Fe-B permanent magnet doping with different CuZn5 contents. <i>Rare Metals</i> , 2017, 36, 812-815.	7.1	10
79	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
80	Resistance-related physiological response of rice leaves to the compound stress of enhanced UV-B radiation and <i>Magnaporthe oryzae</i> . <i>Journal of Plant Interactions</i> , 2018, 13, 321-328.	2.1	10
81	Shifts in Plant Community Assembly Processes across Growth Forms along a Habitat Severity Gradient: A Test of the Plant Functional Trait Approach. <i>Frontiers in Plant Science</i> , 2018, 9, 180.	3.6	10
82	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
83	Microstructure and magnetic properties of SmCo ₅ sintered magnets. <i>Rare Metals</i> , 2020, 39, 1295-1299.	7.1	10
84	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
85	Microstructure and properties of Nd-Fe-B magnets prepared by spark plasma sintering. <i>Materials Science and Technology</i> , 2004, 20, 666-668.	1.6	9
86	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
87	Structural and Magnetocaloric Properties of Mn _{1-x} Si _x Compounds Prepared by Spark Plasma Sintering. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	9
88	The Magnetic and Crystal Structure of Mn _x Ga (1.15 ≤ x ≤ 1.8) Alloys. <i>Scientific Reports</i> , 2017, 7, 6469	3.7	9
89	A Flame-Reaction Method for the Large-Scale Synthesis of High-Performance Sm _x Co _y Nanomagnets. <i>Angewandte Chemie</i> , 2019, 131, 14651-14654.	2.0	9
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Effects of Shape Anisotropy on Hard-Soft Exchange-Coupled Permanent Magnets. <i>Nanomaterials</i> , 2022, 12, 1261.	4.1	9
94	Corrosion kinetics of spark plasma sintering Nd-Fe-B magnets in different electrolytes. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 3892-3894.	2.1	8
95	Equiaxed Nd-Fe-B fine powder with high performance prepared by mechanical alloying. <i>Journal of Applied Physics</i> , 2007, 101, 09K502.	2.5	8
96	Ternary DyFeB Nanoparticles and Nanoflakes With High Coercivity and Magnetic Anisotropy. <i>IEEE Nanotechnology Magazine</i> , 2012, 11, 651-653.	2.0	8
97	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
98	Nitric oxide is involved in integration of UV-absorbing compounds among parts of clonal plants under a heterogeneous UV environment. <i>Physiologia Plantarum</i> , 2015, 155, 180-191.	5.2	8
99	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
100	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
101	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
102	Effect of stacking faults on magnetic properties and magnetization reversal in Co nanowires. <i>Materials Characterization</i> , 2022, 187, 111861.	4.4	8
103	Effect of Nb on the magnetic properties and microstructure for nanocomposite Nd ₂ Fe ₁₄ B-Fe alloys by three-dimensional atom probe. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	7
104	Neutron diffraction study of the magnetic refrigerant Mn _{1.1} Fe _{0.9} P _{0.76} Ge _{0.24} . <i>Powder Diffraction</i> , 2010, 25, S25-S27.	0.2	7
105	Structure and magnetic properties of Mn _{1.2} Fe _{0.8} P _{0.76} Ge _{0.24} annealed alloy. <i>Rare Metals</i> , 2012, 31, 336-338.	7.1	7
106	Magnetocaloric effect in bulk nanocrystalline Gd metals by spark plasma sintering. <i>Nanoscience Methods</i> , 2012, 1, 16-24.	1.0	7
107	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
108	Structure and intrinsic magnetic properties of Sm _{1-x} Pr _x Co ₅ (x=0.6) compounds. <i>Rare Metals</i> , 2016, 35, 627-631.	7.1	7

#	ARTICLE	IF	CITATIONS
109	Crystal structure and magnetism of the Mn _x Ga (1.15 ≤ x ≤ 2.0) rare-earth-free permanent magnet system. <i>AIP Advances</i> , 2016, 6, .	1.3	7
110	MM-Fe-B based gap magnet with excellent energy density. <i>Intermetallics</i> , 2019, 115, 106626.	3.9	7
111	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
112	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
113	Property enhancement of bonded Nd-Fe-B magnets by composite adhesive design. <i>Materials and Design</i> , 2020, 192, 108767.	7.0	7
114	Mechanical properties of spark plasma sintering Nd-Fe-B permanent magnets. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 4149-4152.	1.8	6
115	Effect of Fe partial substitution for Co on the magnetic properties of Y(Co,Fe) ₅ from first-principles. <i>Journal of Applied Physics</i> , 2010, 107, 09A718.	2.5	6
116	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
117	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
118	Anisotropic SmCo ₅ Nanocrystalline Magnet Prepared by Hot Deformation With Bulk Amorphous Precursors. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-4.	2.1	6
119	A novel strategy for approaching high performance SmCo ₅ /Co nanocomposites. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151890.	5.5	6
120	Structure and magnetic properties of nanocrystalline dysprosium powders. <i>Rare Metals</i> , 2020, 39, 28-35.	7.1	6
121	Optimizing microstructure and magnetic properties of mischmetal-based sintered magnets by grain refinement. <i>Materials Letters</i> , 2020, 267, 127509.	2.6	6
122	Complete chloroplast genomes of Liliaceae (s.l.) species: comparative genomic and phylogenetic analyses. <i>Nordic Journal of Botany</i> , 2020, 38, .	0.5	6
123	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
124	Thermal properties and microstructure of bulk nanocrystalline Gd material. <i>Journal of Materials Science</i> , 2009, 44, 5509-5514.	3.7	5
125	Direct Measurements of Magneto-caloric Effect of Gd ₅ Si ₂ Ge ₂ Alloys in Low Magnetic Field. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 487-490.	1.8	5
126	A study of microstructure and performance of cast Fe-8Cr-2B alloy. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2014, 45, 912-919.	0.9	5

#	ARTICLE	IF	CITATIONS
127	Effects of the Substitution of 30 % Pr for La on the Magnetic Properties and Magnetocaloric Effect in $\text{LaFe}_{1.5}\text{Si}_{1.5}\text{B}_2\text{O}_{12}$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 1899-1902.	1.8	5
128	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
129	Preparation and Characterization of Phenol Formaldehyde Bonded Nd-Fe-B Magnets With High Strength and Heat Resistance. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-4.	2.1	5
130	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
131	Spark Plasma Sintering $\text{Fe}_{30}\text{(Pr,Tb)}_{20}\text{Fe}_{14}$ Bulk Nanocomposite Permanent Magnets. <i>IEEE Transactions on Magnetics</i> , 2006, 42, 2894-2896.	2.1	4
132	The structures and magnetic properties of Ti-substituted $\text{Pr}_2(\text{Fe,Co})_{14}(\text{C,B})$ -type nanocomposites. <i>Journal of Applied Physics</i> , 2008, 103, 07E102.	2.5	4
133	Magnetic properties and structure of bulk nanocrystalline $\text{Sm}(\text{CoCuFeZr})_{7.6}$ sintered magnet. <i>Journal of Applied Physics</i> , 2009, 105, 07A707.	2.5	4
134	Hot Pressed $\text{Pr}_2(\text{Fe,Co})_{14}\text{B}/\text{PrCo}_5$ Hybrid Magnet Prepared by Spark Plasma Sintering. <i>IEEE Magnetics Letters</i> , 2015, 6, 1-4.	1.1	4
135	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
136	Experimental and first-principles determination of the magnetocrystalline anisotropy in Mn_xGa . <i>AIP Advances</i> , 2017, 7, .	1.3	4
137	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
138	The Effect of Doping Cu Powders on Mechanical Properties and Magnetic Properties of $\text{Sm}(\text{CoFeCuZr})_z$ Sintered Magnets. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-4.	2.1	4
139	Bulk anisotropic nanocrystalline $\text{Sm}_{0.6}\text{Pr}_{0.4}\text{Co}_5$ magnets with excellent energy density. <i>Materials Characterization</i> , 2021, 173, 110942.	4.4	4
140	Evolutionary analysis of chloroplast tRNA of Gymnosperm revealed the novel structural variation and evolutionary aspect. <i>PeerJ</i> , 2020, 8, e10312.	2.0	4
141	Exchange interaction in hexagonal MnRhP from first-principles studies. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	3
142	Disorder-Induced Enhancement of Magnetic Properties in Ball-Milled Fe_2CrAl Alloy. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	3
143	Comparison and Analysis of Sodium Silicate and Epoxy Bonded NdFeB Magnets. <i>Materials Science Forum</i> , 0, 852, 136-141.	0.3	3
144	The irreversible structural change in $\text{Mn}_{1.1}\text{Fe}_{0.9}\text{P}_{0.8}\text{Ge}_{0.2}$: Evidence for a magnetic driver. <i>AIP Advances</i> , 2017, 7, 056407.	1.3	3

#	ARTICLE	IF	CITATIONS
145	Intrinsic evolution of novel (Nd, MM) ₂ Fe ₁₄ B-system magnetic flakes. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	3
146	Morphology control of magnetic properties in cobalt nanowires. Rare Metals, 2023, 42, 1994-1999.	7.1	3
147	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. AIP Advances, 2019, 9, 125142.	1.3	3
148	Comparative phylogeography of Juglans regia and J. mandshurica 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
149	Micromagnetic Simulation of Nitrogenation Effect on the Magnetic Properties of Sm ₂ Fe ₁₇ N ₃ Alloy. IEEE Magnetics Letters, 2022, 13, 1-5.	1.1	3
150	Structural evolution of anisotropic SmCo _{6.8} Hf _{0.2} nanocrystalline magnet prepared by hot deformation. Materials Research Letters, 2022, 10, 648-655.	8.7	3
151	Enhanced coercivity in Co nanowires via manipulation of head morphology. Journal of Magnetism and Magnetic Materials, 2022, 561, 169695.	2.3	3
152	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
153	Micromagnetic simulation of Co nanowires array. , 2017, , .		2
154	Enhanced coercivity of spark plasma sintered (La,Ce)FeB magnets. , 2017, , .		2
155	The Effect of Easy Axis Deviations on the Magnetization Reversal of Co Nanowire. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	2
156	Microstructure Characteristics of 2:17 SmCo Commercial Magnets With Different Coercivities. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	2
157	Magnetostructural transitions in V-doped MnCoGe compounds. AIP Advances, 2020, 10, 025325.	1.3	2
158	Tuning the morphology of soft magnetic phase to optimize the microstructure of SmCo ₅ /±-Fe nanocomposites. Materials Characterization, 2021, 172, 110838.	4.4	2
159	Structure and thermal expansion anomaly study on Nd(Fe,Mo) ₁₂ N _x . Journal of Applied Physics, 2007, 101, 09D514.	2.5	1
160	Analysis of Photosynthetic Characteristics and UV-B Absorbing Compounds in Mung Bean Using UV-B and Red LED Radiation. Journal of Analytical Methods in Chemistry, 2014, 2014, 1-5.	1.6	1
161	Structure and Thermal Stability of a Bulk Nanocrystalline $\text{Sm}_{0.8}\text{Tm}_{0.2}\text{Co}_{5.2}$ Permanent Magnet. IEEE Transactions on Magnetics, 2014, 50, 1-3.	2.1	1
162	Phase diagram calculation and experimental research on Fe-12Cr-B-Al alloys. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 815-821.	0.9	1

#	ARTICLE	IF	CITATIONS
163	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
164	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
165	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
166	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
167	Anisotropic Nanocrystalline SmCo ₅ Permanent Magnet Prepared by Hot Extrusion. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5.	2.1	1
168	Texture analysis of ultra-high coercivity Sm ₂ Co ₇ hot deformation magnets*. <i>Chinese Physics B</i> , 2021, 30, 047505.	1.4	1
169	Fabrication of bulk nanostructured permanent magnets with high energy density: challenges and approaches. , 0, .		1
170	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
171	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
172	Corrosion kinetics of spark plasma sintering Nd-Fe-B magnets in different electrolytes. , 2005, , .		0
173	Structure and magnetic properties of bulk nanocrystalline Tm ₂ (Co _{1-x} Fe _x) ₁₇ permanent magnet. <i>Journal of Applied Physics</i> , 2010, 107, 09A709.	2.5	0
174	Effect of Ce doping on the magnetic and magnetocaloric properties of Pr _{0.5} Sr _{0.5} Ca _x MnO ₃ manganites. <i>Phase Transitions</i> , 2014, 87, 357-362.	1.3	0
175	Structural and magneto-caloric properties of MnFeP _{1-x} Si _x compounds prepared by spark plasma sintering. , 2015, , .		0
176	Microstructure and improved coercivity of Mn _{1.33} Ga nanoflakes by surfactant-assisted ball milling. , 2015, , .		0
177	Disorder-induced enhancement of magnetism in ball-milled Fe ₂ CrAl alloy. , 2015, , .		0
178	Recrystallization and magnetic hardening in Mn _{1.8} Ga magnet by spark plasma sintering deformation. , 2017, , .		0
179	Synthesis of Nanostructured Rare-Earth Permanent Magnets. , 2017, , 147-174.		0
180	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

#	ARTICLE	IF	CITATIONS
181	Preparation and characterization of phenol formaldehyde bonded Nd-Fe-B magnets with high strength and heat resistance.. , 2018, , .		0
182	Investigation on texture, magnetic properties and inhomogeneities of hot deformed Nd-Fe-B magnet.. , 2018, , .		0
183	The effect of easy axis deviations on the magnetic property of Co nanowire.. , 2018, , .		0
184	Grain refinement leading to the ultra-high coercivity in $L1_0$ - $Mn_{1.33}Ga$ bulk magnet via hot deformation. Applied Physics Letters, 2022, 120, 152403.	3.3	0