Shuangjiu Feng

List of Publications by Year
in descending order

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82	1,076	394421	477307
papers	citations	19	29
		h-index	g-index

83	83	83	886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Competition between ferromagnetic metallic and paramagnetic insulating phases in manganites. Journal of Applied Physics, 2002, 92, 1406-1410.	2.5	157
2	Ba_{0.9}Co_{0.7}Fe_{0.2}Mo_{0.1}O_{3â€“Î´}: A Promising Singleâ€Phase Cathode for Low Temperature Solid Oxide Fuel Cells. Advanced Energy Materials, 2011, 1, 1094-1096.	19.5	43
3	Investigations of Ce-Zn co-substitution on crystal structure and ferrimagnetic properties of M-type strontium hexaferrites Sr1-Ce Fe12-Zn O19 compounds. Journal of Alloys and Compounds, 2019, 785, 452-459.	5.5	39
4	Structural and magnetic properties of Ca-substituted barium W-type hexagonal hexaferrites. Journal of Magnetism and Magnetic Materials, 2015, 379, 16-21.	2.3	35
5	Characterizations of magnetic transition behavior and electromagnetic properties of Co-Ti co-substituted SrM-based hexaferrites SrCo Ti Fe12-2O19 compounds. Journal of Alloys and Compounds, 2019, 784, 1175-1186.	5.5	35
6	PrNi0.6Co0.4O3â€“Ce0.8Sm0.2O1.9 composite cathodes for intermediate temperature solid oxide fuel cells. Journal of Power Sources, 2012, 199, 150-154.	7.8	31
7	Low melting glass as adhesive and insulating agent for soft magnetic composites: Case in FeSi powder core. Journal of Magnetism and Magnetic Materials, 2020, 501, 166480.	2.3	30
8	Effect of Y-La-Co substitution on microstructure and magnetic properties of M-type strontium hexagonal ferrites prepared by ceramic method. Journal of Magnetism and Magnetic Materials, 2018, 445, 1-5.	2.3	29
9	Microstructure and magnetic properties of Ca-substituted M-type SrLaCo hexagonal ferrites. Journal of Magnetism and Magnetic Materials, 2015, 378, 424-428.	2.3	28
10	Microstructure and magnetic properties of M-type strontium hexagonal ferrites with Y-Co substitution. Journal of Magnetism and Magnetic Materials, 2017, 436, 126-129.	2.3	28
11	Influence of the Eu substitution on the structure and magnetic properties of the Sr-hexaferrites. Ceramics International, 2020, 46, 171-179.	4.8	25
12	Characterization of texture and magnetic properties of Ni0.5Zn0.5Ti Fe2â^'O4 spinel ferrites. Journal of Magnetism and Magnetic Materials, 2019, 489, 165411.	2.3	24
13	Soft magnetic properties of FeSiAl/carbonyl iron composites with high magnetic permeability and low magnetic loss. Journal of Alloys and Compounds, 2021, 887, 161337.	5.5	24
14	Bismuthâ€Based Pervoskite as a Highâ€Performance Cathode for Intermediateâ€Temperature Solidâ€Oxide Fuel Cells. ChemElectroChem, 2014, 1, 554-558.	3.4	23
15	Cerium and niobium doped SrCoO3â^'Î´ as a potential cathode for intermediate temperature solid oxide fuel cells. Journal of Power Sources, 2014, 251, 357-362.	7.8	23
16	Characterizations analysis of magneto-structural transitions in Ce-Co doped SrM based nano Sr1â^'xCexFe12â^'xCoxO19 hexaferrite crystallites prepared by ceramic route. Journal of Magnetism and Magnetic Materials, 2020, 497, 166013.	2.3	23
17	LaNi0.6Fe0.4O3â€“Ce0.8Sm0.2O1.9â€“Ag composite cathode for intermediate temperature solid oxide fuel cells. International Journal of Hydrogen Energy, 2011, 36, 10968-10974.	7.1	22
18	Reduction of hysteresis loss in soft magnetic composites under transverse magnetic field. Applied Physics Letters, 2020, 117, .	3.3	22

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19	Magnetic hysteresis loss crossover in Ni 0.4 Zn 0.6 Fe 1.95 Ti 0.05 O 4 ferrite. Journal of Alloys and Compounds, 2016, 660, 398-401.	5.5	21
20	Structure and magnetic performance of Gd substituted Sr-based hexaferrites. Journal of Alloys and Compounds, 2020, 820, 153180.	5.5	21
21	The impact of Co/La ratios on microstructure and magnetic properties of the Sr0.75â^'Ca0.25La Fe12â^'Co O19 hexaferrites. Journal of Magnetism and Magnetic Materials, 2015, 384, 64-69.	2.3	19
22	Magnetic and structural properties of Sr0.75La0.25FexCu0.20O19 (10.40â‰¤xâ‰¤11.80) hexagonal ferrites prepared by the solid-state reaction. Journal of Magnetism and Magnetic Materials, 2016, 406, 144-148.	2.3	19
23	The effect of Bi substitution on the microstructure and magnetic properties of the Sr0.4Ba0.3La0.3Fe12â^'xBixO19 hexagonal ferrites. Journal of Magnetism and Magnetic Materials, 2017, 422, 209-215.	2.3	18
24	Influence of calcium content on the structural and magnetic properties of Sr 0.70â^'x Ca x La 0.30 Fe 11.75 Zn 0.25 O 19 hexagonal ferrites. Journal of Magnetism and Magnetic Materials, 2016, 401, 1039-1045.	2.3	16
25	Effects of Pr-Al co-substitution on the magnetic and structural properties of M-type Ca-Sr hexaferrites. Chinese Journal of Physics, 2020, 63, 337-347.	3.9	16
26	Microstructure and magnetic properties of W-type hexagonal ferrites Ba1â^'xSrxFe2+2Fe3+16O27. Materials Letters, 2015, 157, 277-280.	2.6	14
27	An investigation of reentrant spin-glass behavior, magnetocaloric effect and critical behavior of MnCr2O4. Journal of Alloys and Compounds, 2021, 877, 160224.	5.5	14
28	Structural, morphological and magnetic properties of Sr0.3La0.48Ca0.25n[Fe(2â^'0.4/n)O3]Co0.4 (nâ€¯=â€¯5.5,) Tj ETQq0 0 0 rgBT /Ov and Magnetic Materials, 2018, 449, 360-365.	2.3	13
29	Fabrication and characterization of Zinc Telluride (ZnTe) thin films grown on glass substrates. Physica B: Condensed Matter, 2019, 560, 204-207.	2.7	13
30	Synthesis, analysis and characterization of Co substituted NiZnTi spinel ferrite. Journal of Alloys and Compounds, 2020, 828, 154181.	5.5	13
31	Soft Magnetic Properties of Fe-6.5wt%Si/SrFe12O19 Composites. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2779-2785.	1.8	12
32	Spin-glass evolution behavior in spinel compounds Co2-Zn SnO4 (0 â‰¤ x â‰¤ 1). Journal of Alloys and Compounds, 2021, 852, 156962.	5.5	12
33	Synthesis of Sr .7 Y x La .3â^' x Fe 12â^' y Co y O 19 (xâ€‰=â€‰0.00, 0.05, 0.10, 0.15) & (y =â€‰0.30, 0.25, 0.20, 0.15) hexaferrites against structures and magnetic properties prepared by the solid-state reaction method. Chinese Journal of Physics, 2017, 55, 1780-1786.	3.9	11
34	Magnetic Properties of FeSiAl Soft Magnetic Composites under Transverse Magnetic Field. Journal of Superconductivity and Novel Magnetism, 2021, 34, 883-887.	1.8	11
35	Effect of Sb doping on the structure and transport properties of the Ru-1222 system. Physica Status Solidi A, 2003, 198, 137-141.	1.7	10
36	First-order magnetic transition induced by structural transition in hexagonal structure. Journal of Magnetism and Magnetic Materials, 2020, 494, 165821.	2.3	10

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37	Characterization of microstructure and magnetic properties for Co2+ ions doped MgFe2O4 spinel ferrites. Materials Today Communications, 2020, 25, 101414.	1.9	10
38	Spin-glass behavior in Co-based antiperovskite compound SnNCo3. Applied Physics Letters, 2020, 116, .	3.3	10
39	Stripe characterization inLa1.6â^'xNd0.4SrxCuO4thin films. Physical Review B, 2004, 70, .	3.2	9
40	Fabrication of an Fe80.5Si7.5B6Nb5Cu Amorphous-Nanocrystalline Powder Core with Outstanding Soft Magnetic Properties. Journal of Electronic Materials, 2018, 47, 1819-1823.	2.2	9
41	Typical soft magnetic properties induced by La doped CoTi-SrM hexaferrites and advances in texture research. Journal of Alloys and Compounds, 2019, 803, 1090-1099.	5.5	8
42	Investigating the co-substitution impact of yttriumâ€"nickel cations on lattice, morphological and magnetic parameters of SrM based ceramics. Ceramics International, 2020, 46, 8918-8927.	4.8	8
43	Investigation of structural and magnetic properties of Cu-substituted NiZn spinel ferrites. Journal of Materials Science: Materials in Electronics, 2020, 31, 17133-17142.	2.2	8
44	Synthesis, Magnetic and Electrical Characteristics of Baâ€Sr Hexaferrites Substituted with Samarium, Chromium and Aluminum. ChemistrySelect, 2021, 6, 470-479.	1.5	8
45	Effects of presintering temperature on structural and magnetic properties of BaMg1.8Cu0.2Fe16O27 hexagonal ferrites. Optik, 2015, 126, 5513-5516.	2.9	7
46	Structural and magnetic properties of Sr1â^'x La x Fe12â^'x (Cu0.5Co0.5) x O19 hexaferrites prepared by the solid-state reaction method. Bulletin of Materials Science, 2016, 39, 119-123.	1.7	7
47	Investigation on magnetic properties of FeSiAl/SrFe12O19Âcomposites. Journal of Materials Science: Materials in Electronics, 2021, 32, 16956-16960.	2.2	7
48	FeNi/Glass Soft Magnetic Composites with High Magnetic Properties. Journal of Superconductivity and Novel Magnetism, 2022, 35, 1165-1172.	1.8	7
49	Effect of the Fe/Ba Ratio and Sintering Temperature on Microstructure and Magnetic Properties of Barium Ferrites Prepared by Hydrothermal Method. Journal of Superconductivity and Novel Magnetism, 2018, 31, 933-937.	1.8	6
50	Effect of Cu on microstructure, magnetic properties of antiperovskite nitrides CuxNFe4â^'x. Journal of Materials Science: Materials in Electronics, 2019, 30, 10383-10390.	2.2	6
51	Influence of Temperature on Sr0.35La0.40Ca.25Fe11.6Co0.4O19 Hexagonal Ferrites Against Structural, Morphological and Magnetic Properties Prepared by Conventional Ceramic Reaction Methodology. Journal of Superconductivity and Novel Magnetism, 2018, 31, 925-932.	1.8	5
52	Evolution of magnetic loss with annealing temperature in FeSiAl/carbonyl iron soft magnetic composite. Materials Technology, 2022, 37, 2313-2317.	3.0	5
53	Synthesis and Analysis of Zn-Substituted CoCr2O4 Spinel Oxide. Journal of Superconductivity and Novel Magnetism, 2022, 35, 753-762.	1.8	5
54	The glass formation ability and soft magnetic properties of the Fe79Si9B4.5P1.5CuNb nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2020, 497, 165990.	2.3	4

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55	Evolution of Structural Transformation in Î³â€²-Fe₄N and GeNFe₃. Journal of Physical Chemistry C, 2020, 124, 6321-6327.	3.1	4
56	Effect of magnetic properties in FeSi soft magnetic composites by low melting glass powder as adhesive and insulating agent. Journal of Materials Science: Materials in Electronics, 2022, 33, 782.	2.2	4
57	Soft Magnetic Properties of FeSiCr Cores in a Transverse Magnetic Field. Journal of Superconductivity and Novel Magnetism, 2022, 35, 1215-1220.	1.8	4
58	Magnetic properties of indium doped Ni0.4Zn0.6InxFe2â˜'xO4. Materials Research Express, 2019, 6, 116127.	1.6	3
59	Investigation on magnetic power loss in strontium doped Ba1-x Sr x Ti1.2Co1.2Fe9.6O19 hexaferrites. Materials Research Express, 2019, 6, 116102.	1.6	3
60	Temperature stability of magnetic permeability of NixFe3â˜'xO4 ferrites. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	3
61	Hysteresis loss reduction in self-bias FeSi/SrFe₁₂O₁₉ soft magnetic composites. Chinese Physics B, 2022, 31, 027503.	1.4	3
62	The second magnetization step in Bi2Sr2CaCu2O8$plus$$delta$ single crystals. Superconductor Science and Technology, 2002, 15, 1068-1070.	3.5	2
63	Structural and Magnetic Properties of Cr-Substituted NiCuZn Ferrite. High Temperature Materials and Processes, 2016, 35, 531-534.	1.4	2
64	Magnetic hysteresis loss crossover in Ni0.6Zn0.4Fe1.95Ti0.05O4 ferrite. Chinese Journal of Physics, 2017, 55, 1230-1234.	3.9	2
65	Spin-Glass Behavior in Spinel Compound ZnCoTiO4. Journal of Superconductivity and Novel Magnetism, 2020, 33, 3745-3752.	1.8	2
66	Analysis of the Griffithsâ€“like phase observed in binary Îµ-Fe2N nitride. Applied Physics Letters, 2020, 117, 122408.	3.3	2
67	Soft magnetic properties in Fe deficiency Tiâ€“Co-doped M-type barium hexagonal ferrites. Journal of Materials Science: Materials in Electronics, 2022, 33, 1830.	2.2	2
68	Magnetic permeability stability of composite material with nominal composition Ni0.6Fe2.4O4. Journal of Magnetism and Magnetic Materials, 2022, 553, 169179.	2.3	2
69	Structural and magnetic properties of La-substituted strontium W-type hexagonal hexaferrites. Materials Technology, 2016, 31, 590-594.	3.0	1
70	The novel magnetic loss characteristics in La2NiMnO6 materials. Chinese Journal of Physics, 2019, 57, 78-81.	3.9	1
71	Effect of Co2Y additive on power loss of Ni0.8Zn0.2Fe2O4 ferrites. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	1
72	Exchange bias behavior on permanent magnet Ndâ€“Feâ€“B. Journal of Materials Science: Materials in Electronics, 2020, 31, 20325-20331.	2.2	1

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73	Effect of Hydrogenation on the Glass Formation Ability and Magnetic Properties of the Fe79Si9B6Nb5Cu1 Amorphous Nanocrystalline Alloys. Journal of Superconductivity and Novel Magnetism, 0, , 1.	1.8	1
74	Superfluid density suppression and quasiparticle interaction in Bi2Sr2Ca1â^'xPrxCu2O8+Î´single crystals. Journal of Physics Condensed Matter, 2005, 17, 689-695.	1.8	0
75	Study on the normal state resistivity of doped Ru-1222 system. Journal of Materials Science, 2006, 41, 3931-3934.	3.7	0
76	The microstructure and magnetic properties of Mg–Cu substituted W-type barium hexaferrites. Journal of the Ceramic Society of Japan, 2015, 123, 920-923.	1.1	0
77	Discovery of the Griffiths phase in the quaternary nitrides Ge 1â^' x Sn x NFe 3. Journal of the American Ceramic Society, 2021, 104, 3387-3396.	3.8	0
78	Morphology and magnetic properties of NiFe₂O₄ powders prepared in molten sodium chloride. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 677-681.	0.9	0
79	Spin glass behavior and negative magnetization in Co2Sn1â^'Ti O4 (0â‰¤xâ‰¤0.9). Journal of Alloys and Compounds, 2021, 867, 158960.	5.5	0
80	Characterization of microstructure and magnetic properties for Fe ion-doped CoGa2O4. Journal of Materials Science: Materials in Electronics, 2021, 32, 24726.	2.2	0
81	Observation of the spin-glass behavior in iron nitride Îµ-Fe2N. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	0
82	Critical Behavior in the Fe-Based Antiperovskite Compound AlC1.1Fe3. Journal of Superconductivity and Novel Magnetism, 0, , 1.	1.8	0