

Majid Niaz Akhtar

List of Publications by Year in descending order

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153
papers

4,296
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109321

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times ranked

2972
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced electromagnetic wave dissipation features of magnetic Ni microspheres by developing core-double shells structure. <i>Ceramics International</i> , 2022, 48, 446-454.	4.8	16
2	Structural, magnetic, and electrical evaluations of rare earth Gd ³⁺ doped in mixed Co ²⁺ /Mn spinel ferrite nanoparticles. <i>Ceramics International</i> , 2022, 48, 578-586.	4.8	37
3	Tunable magneto-optical and interfacial defects of Nd and Cr-doped bismuth ferrite nanoparticles for microwave absorber applications. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1868-1881.	9.4	28
4	Synthesis and characterizations of Co ²⁺ /Zr doped Ni ferrite/PANI nanocomposites for photocatalytic methyl orange dye degradation. <i>Physica B: Condensed Matter</i> , 2022, 624, 413392.	2.7	9
5	Preparations and characterizations of Ca doped Ni ²⁺ /Mg ²⁺ /Mn nanocrystalline ferrites for switching field high-frequency applications. <i>Ceramics International</i> , 2022, 48, 3833-3840.	4.8	15
6	Optical, electromagnetic and physiochemical properties of flower-like MoS ₂ (D) and Ni microsphere (M) based absorbers for X and Ku band applications. <i>Ceramics International</i> , 2022, 48, 2677-2685.	4.8	10
7	Effect of Gd and Co contents on the microstructural, magneto-optical and electrical characteristics of cobalt ferrite (CoFe ₂ O ₄) nanoparticles. <i>Ceramics International</i> , 2022, 48, 2782-2792.	4.8	29
8	Electromagnetic performance, optical and physiochemical features of CaTiO ₃ /NiO and SrFe ₁₂ O ₁₉ /NiO nanocomposites based bilayer absorber. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 879-892.	9.4	14
9	Structural, spectral, dielectric, and magnetic properties of indium substituted Cu _{0.5} Zn _{0.5} Fe _{2-x} O ₄ magnetic oxides. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 27-41.	2.2	8
10	Magnetic, structural, optical band alignment and conductive analysis of graphene-based REs (Yb, Gd,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2022, 284, 116994.	3.9	16
11	Efficient single and bi-layer absorbers of CaTiO ₃ micro-cubes and polypyrrole nanotubes composites for enhanced microwave absorption in X and Ku band. <i>Ceramics International</i> , 2022, 48, 11953-11961.	4.8	5
12	Optical and electromagnetic absorption features of hierarchical pampon and cauliflower-like magneto/dielectric composite based absorber for C and X bands application. <i>Ceramics International</i> , 2022, 48, 16280-16289.	4.8	1
13	Tunable microwave absorption features in bi-layer absorber based on mesoporous CuS micro-particle with 3D hierarchical structure and nanosphere like NiCo ₂ O ₄ . <i>Ceramics International</i> , 2022, 48, 9146-9156.	4.8	11
14	Structural, spectral, dielectric and magnetic properties of Co ²⁺ /Cr-substituted hexagonal ferrites with X-type structure. <i>Journal of the Korean Ceramic Society</i> , 2022, 59, 453-464.	2.3	4
15	Synergistic effect of polyindole decoration on bismuth neodymium ferrite powder for achieving wideband microwave absorber. <i>Ceramics International</i> , 2022, 48, 25049-25055.	4.8	4
16	Structural and dielectric properties of Sr ₄ Zn ₂ Fe ₃₆ O ₆₀ U-type hexaferrites with optimized Gd contents and sintered by a two-step process. <i>Ceramics International</i> , 2022, 48, 27739-27749.	4.8	12
17	Enhanced microwave absorption performance of BiFeO ₃ nanopowders coated with Polyindole-PANI co-polymer in ku band frequency. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 560, 169568.	2.3	3
18	Fractal metamaterial based multiband absorber operating in 5G regime. <i>Optik</i> , 2022, 266, 169626.	2.9	5

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19	Influence of Y ³⁺ , Yb ³⁺ , Gd ³⁺ cations on structural and electromagnetic properties of CuFe ₂ O ₄ nanoferrites prepared via one step sol-gel method. <i>Journal of Rare Earths</i> , 2021, 39, 1224-1231.	4.8	14
20	Evaluation of rare earth (Yb, La) doped (Sm ₃ Fe ₅ O ₁₂) garnet ferrite membrane for LT-SOFC. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 9996-10006.	7.1	11
21	Engineering of metallic nanorod-based hyperbolic metamaterials for broadband applications operating in the infrared regime. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 229-240.	3.1	9
22	Structural, spectral, dielectric and magnetic properties of Sr ₂ Cu _x Ni _{2-x} Fe _{28-x} Cr _x O ₄₆ (0 ≤ x ≤ 0.5) ferrites synthesized via micro-emulsion route. <i>Materials Chemistry and Physics</i> , 2021, 259, 124066.	4.0	35
23	Microwave absorption characteristics of polyaniline@Ba _{0.5} Sr _{0.5} Fe ₁₂ O ₁₉ @MWCNTs nanocomposite in X-band frequency. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 524, 167653.	2.3	26
24	Pr ²⁺ /Co co-doped BFO multiferroics nanomaterials for absorber applications. <i>Ceramics International</i> , 2021, 47, 2144-2154.	4.8	26
25	Application of biosurfactants and nanomaterials in the treatment of polluted water. , 2021, , 203-234.		0
26	Plant-derived alkyl phenol as green solvents: Properties and applications. , 2021, , 229-251.		1
27	Active metabolites and biosurfactants for utilization in environmental remediation and eco-restoration of polluted soils. , 2021, , 31-51.		0
28	Impact of holmium on structural, dielectric and magnetic properties of Cu ²⁺ /Zn spinel ferrites synthesized via sol-gel route. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 2205-2218.	2.2	6
29	Structural and magnetic evaluations of rare-earths (Tb, Pr, Ce, Gd, Y)-doped spinel ferrites for high frequency and switching applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 7692-7703.	2.2	21
30	Magneto-optical properties and physical characteristics of M-type hexagonal ferrite (Ba _{1-x} Ca _x Fe _{11.4} Al _{0.6} O ₁₉) nanoparticles (NPs). <i>Ceramics International</i> , 2021, 47, 11668-11676.	4.8	17
31	Synthesis and investigations of structural, magnetic and dielectric properties of Cr-substituted W-type Hexaferrites for high frequency applications. <i>Journal of Electroceramics</i> , 2021, 46, 93-106.	2.0	14
32	Investigation on microwave absorption characteristics of ternary MWCNTs/CoFe ₂ O ₄ /FeCo nanocomposite coated with conductive PEDOT-Polyaniline Co-polymers. <i>Ceramics International</i> , 2021, 47, 12244-12251.	4.8	35
33	Physical, structural, conductive and magneto-optical properties of rare earths (Yb, Gd) doped Ni ²⁺ /Zn spinel nanoferrites for data and energy storage devices. <i>Ceramics International</i> , 2021, 47, 11878-11886.	4.8	38
34	Microwave absorption characteristic of a double-layer X-band absorber based on MWCNTs/La _{0.6} Sr _{0.4} Mn _{0.5} Fe _{0.5} O ₄ coated with PEDOT polymer. <i>Ceramics International</i> , 2021, 47, 17736-17744.	4.8	25
35	A Review on the Methods in Diesel Desulfurization. <i>Current Analytical Chemistry</i> , 2021, 17, 815-830.	1.2	9
36	An Overview on Eco-Friendly Polymer Composites for Heavy Metal Ion Remediation. <i>Current Analytical Chemistry</i> , 2021, 17, 737-753.	1.2	2

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37	Effect of filler loading and thickness parameters on the microwave absorption characteristic of double-layered absorber based on MWCNT/BaTiO ₃ /pitted carbonyl iron composite. <i>Ceramics International</i> , 2021, 47, 19538-19545.	4.8	21
38	ZrN fractal-graphene-based metamaterial absorber in the visible and near-IR regimes. <i>Optik</i> , 2021, 237, 166769.	2.9	14
39	High-efficiency microwave absorber based on carbon Fiber@La _{0.7} Sr _{0.3} MnO@NiO composite for X-band applications. <i>Ceramics International</i> , 2021, 47, 20438-20446.	4.8	15
40	Thickness optimization towards microwave absorption enhancement in three-layer absorber based on SrFe ₁₂ O ₁₉ , SiO ₂ @SrFe ₁₂ O ₁₉ and MWCNTs@SrFe ₁₂ O ₁₉ nanocomposites. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159818.	5.5	31
41	A novel omega shaped microwave absorber with wideband negative refractive index for C-band applications. <i>Optik</i> , 2021, 242, 167278.	2.9	10
42	Development of high-efficient double layer microwave absorber based on Fe ₃ O ₄ /carbon fiber and Fe ₃ O ₄ /rGO. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168181.	2.3	27
43	Highly efficient absorber with enhanced magnetoelectric properties based on Y, Gd, and Pr doped NMZ nanoferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168232.	2.3	24
44	Enhanced X-band wave dissipation performance in bilayer absorber composed of bare epoxy resin and epoxy resin filled with [CaTiO ₃ /ZnFe ₂ O ₄]@C nanocomposite. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 539, 168385.	2.3	11
45	Remediation of Pesticide in Water. <i>Sustainable Agriculture Reviews</i> , 2021, , 271-307.	1.1	7
46	Structural, magnetic and dielectric properties of Dy-Co substituted Sr-Ba-Mg-based magnetic oxides. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	6
47	Low-Cost Technology for Heavy Metal Cleaning from Water. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 199-223.	0.5	0
48	Impact of Co doping on physical, structural, microstructural and magnetic features of MgZn nanoferrites for high frequency applications. <i>Ceramics International</i> , 2020, 46, 1750-1759.	4.8	30
49	Structural elucidation and dielectric behavior evaluation of sol-gel synthesized Co-Al co-substituted M-type hexaferrite materials. <i>Ceramics International</i> , 2020, 46, 4914-4923.	4.8	50
50	Evaluations of the Thermal, Rietveld Structural, Microstructural and Magnetic Properties of Cu _{0.5} Co _{0.5} BixFe _{2-2x} O ₄ Spinel Nanoferrites. <i>Journal of Electronic Materials</i> , 2020, 49, 807-818.	2.2	7
51	Preparations, optical, structural, conductive and magnetic evaluations of RE's (Pr, Y, Gd, Ho, Yb) doped spinel nanoferrites. <i>Ceramics International</i> , 2020, 46, 4280-4288.	4.8	40
52	Electrochemical properties of Ni _{0.4} Zn _{0.6} Fe ₂ O ₄ and the heterostructure composites (Ni@Zn) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50 14	5.2	45
53	Graphene anchored Ce doped spinel ferrites for practical and technological applications. <i>Ceramics International</i> , 2020, 46, 7081-7088.	4.8	16
54	Sol gel derived MnTi doped Co ₂ W-type hexagonal ferrites: Structural, physical, spectral and magnetic evaluations. <i>Ceramics International</i> , 2020, 46, 7842-7849.	4.8	26

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55	Preparations and tailoring of structural, magnetic properties of rare earths (REs) doped nanoferrites for microwave high frequency applications. <i>Ceramics International</i> , 2020, 46, 26521-26529.	4.8	29
56	Microwave absorption characteristics of carbon foam decorated with BaFe ₁₂ O ₁₉ and Ni _{0.5} Co _{0.5} Fe ₂ O ₄ magnetic composite in X-band frequency. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 513, 167258.	2.3	18
57	Structural, spectral, dielectric and magnetic properties of indium substituted copper spinel ferrites synthesized via sol gel technique. <i>Ceramics International</i> , 2020, 46, 27410-27418.	4.8	30
58	Enhanced microwave absorption characteristic of decorated MWCNTs with La _{0.9} Bi _{0.1} Fe _{0.8} Co _{0.2} O ₃ multiferroic nanoparticles via coating by PEDOT/Polyaniline co-polymer. <i>Ceramics International</i> , 2020, 46, 28193-28199.	4.8	13
59	Compatibility of sunflower oil with asphalt binders: a way toward materials derived from renewable resources. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.	3.1	15
60	Structural, morphological and magnetic characterization of synthesized Co-Ce doped Ni ferrite /Graphene /BNO12 nanocomposites for practical applications. <i>Chinese Journal of Physics</i> , 2020, 65, 82-92.	3.9	8
61	Synthesis, morphological and electromagnetic evaluations of Ca doped Mn spinel nanoferrites for GHz regime applications. <i>Ceramics International</i> , 2020, 46, 13961-13968.	4.8	28
62	Modeling and simulation of planar SOFC to study the electrochemical properties. <i>Current Applied Physics</i> , 2020, 20, 660-672.	2.4	23
63	Structural and magnetic features of Ce doped Co-Cu-Zn spinel nanoferrites prepared using sol gel self-ignition method. <i>Ceramics International</i> , 2020, 46, 14481-14487.	4.8	36
64	Performance characteristics of asphalt binders modified with sunflower flour: A sustainable application of renewable resource derived material. <i>Construction and Building Materials</i> , 2020, 242, 118157.	7.2	10
65	Magnetic characteristics and optical band alignments of rare earth (Sm ⁺³ , Nd ⁺³) doped garnet ferrite nanoparticles (NPs). <i>Ceramics International</i> , 2020, 46, 16524-16532.	4.8	49
66	Structural, magnetic and high frequency (1–6 GHz) parameters of Sr-substituted BaFe ₂ O ₄ monoferrites synthesized by sol-gel method. <i>Modern Physics Letters B</i> , 2019, 33, 1950219.	1.9	5
67	A Study of Structural, Magnetic and Various Dielectric Parameters of Ca-Substituted W-Type Hexaferrites for Applications at 1–6 GHz Frequencies. <i>Journal of Electronic Materials</i> , 2019, 48, 7149-7161.	2.2	3
68	Effect of mineral fillers on the performance, rheological and dynamic viscosity measurements of asphalt mastic. <i>Construction and Building Materials</i> , 2019, 222, 390-399.	7.2	21
69	Preparation and investigations on the thermal, structural and magnetic behavior of Co-Ce substituted Ni nanoferrites. <i>Materials Research Express</i> , 2019, 6, 116104.	1.6	6
70	Evaluations of structural, magnetic and various dielectric parameters of Ni-substituted Zn ₂ W-type hexagonal ferrites for high frequency (1–6 GHz) applications. <i>Ceramics International</i> , 2019, 45, 24202-24211.	4.8	22
71	Processing Aspects and Biomedical and Environmental Applications of Sustainable Nanocomposites Containing Nanofillers. , 2019, , 727-757.		1
72	Manipulation of structural, electronic and transport properties of hydrogen-passivated graphene atomic sheet through vacancy defects: first-principles numerical simulations based on density-functional-theory along with tight-binding approximation. <i>Materials Research Express</i> , 2019, 6, 0850b3.	1.6	0

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73	Preparation of stable dispersion of graphene using copolymers: dispersity and aromaticity analysis. <i>Soft Materials</i> , 2019, 17, 190-202.	1.7	11
74	Structural rietveld refinement, morphological and magnetic features of Cu doped Co Ce nanocrystalline ferrites for high frequency applications. <i>Physica B: Condensed Matter</i> , 2019, 561, 121-131.	2.7	51
75	Impact of indium substitution on dielectric and magnetic properties of Cu _{0.5} Ni _{0.5} Fe _{2-x} O ₄ ferrite materials. <i>Ceramics International</i> , 2019, 45, 13431-13437.	4.8	30
76	Structural Rietveld refinement and magnetic features of prosademedium (Pr) doped Cu nanocrystalline spinel ferrites. <i>Ceramics International</i> , 2019, 45, 10187-10195.	4.8	62
77	Effect of ZnO Nanoparticles Coating Layers on Top of ZnO Nanowires for Morphological, Optical, and Photovoltaic Properties of Dye-Sensitized Solar Cells. <i>Micromachines</i> , 2019, 10, 819.	2.9	11
78	Structural, physical and magnetic evaluations of Ce-Zn substituted SrCo ₂ W-type hexaferrites prepared via sol gel auto combustion route. <i>Ceramics International</i> , 2018, 44, 12921-12928.	4.8	21
79	Tuning magnetic and high frequency dielectric behavior in Li-Zn ferrites by Ho doping. <i>Ceramics International</i> , 2018, 44, 6321-6329.	4.8	39
80	Structural elucidation, and morphological and magnetic behavior evaluations, of low-temperature sintered, Ce-doped, nanostructured garnet ferrites. <i>Materials Research Bulletin</i> , 2018, 101, 48-55.	5.2	48
81	Effect of rare earth doping on the structural and magnetic features of nanocrystalline spinel ferrites prepared via sol gel route. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 460, 268-277.	2.3	118
82	Systematic study of Ce 3+ on the structural and magnetic properties of Cu nanosized ferrites for potential applications. <i>Journal of Rare Earths</i> , 2018, 36, 156-164.	4.8	87
83	Role of Nd-Ni on structural, spectral and dielectric properties of strontium-barium based nano-sized X-type ferrites. <i>Ceramics International</i> , 2018, 44, 2968-2975.	4.8	52
84	Structural elucidation and magnetic behaviour evaluation of gallium substituted garnet ferrites. <i>Ceramics International</i> , 2018, 44, 22504-22511.	4.8	13
85	Effects of Dy on structural, dielectric and magnetic properties of Ni-Sr-Y co-precipitated hexaferrites. <i>Ceramics International</i> , 2018, 44, 22255-22261.	4.8	17
86	Multi-component MWCNT/NG/EP-based bipolar plates with enhanced mechanical and electrical characteristics fabricated by compression moulding. <i>Ceramics International</i> , 2018, 44, 14457-14464.	4.8	27
87	Study of structural transformation and hysteresis behavior of Mg-Sr substituted X-type hexaferrites. <i>Ceramics International</i> , 2018, 44, 18903-18912.	4.8	47
88	Al doped spinel and garnet nanostructured ferrites for microwave frequency C and X- band applications. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 123, 260-265.	4.0	64
89	Structural, magnetic, dielectric and high frequency response of synthesized rare earth doped bismuth nano garnets (BIG). <i>Results in Physics</i> , 2018, 10, 784-793.	4.1	30
90	Effect of co-doping of Fe and Gd on the structural, morphological and dielectric properties of LaMnO ₃ nanocrystallites using Sol-Gel technique. <i>Materials Research Express</i> , 2018, 5, 075018.	1.6	10

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91	Structural, spectral, electrical, dielectric and magnetic properties of Yb doped SrNiCo-X hexagonal nano-structured ferrites. Journal of Alloys and Compounds, 2017, 708, 903-910.	5.5	55
92	Rheological study of copper and copper grapheme feedstock for powder injection molding. Journal of Physics: Conference Series, 2017, 790, 012008.	0.4	5
93	Solution-derived ZnO nanoflowers based photoelectrodes for dye-sensitized solar cells. Materials Research Bulletin, 2017, 96, 211-217.	5.2	16
94	Structural, spectral, dielectric and magnetic properties of Ni _{0.5} Mg _x Zn _{0.5-x} Fe ₂ O ₄ nanosized ferrites for microwave absorption and high frequency applications. Ceramics International, 2017, 43, 4357-4365.	4.8	81
95	Structural and electromagnetic evaluations of YIG rare earth doped (Gd, Pr, Ho, Yb) nanoferrites for high frequency applications. Ceramics International, 2017, 43, 17032-17040.	4.8	102
96	Kenaf-Biocomposites: Manufacturing, Characterization, and Applications. Green Energy and Technology, 2017, , 225-254.	0.6	5
97	Magnetic and High-Frequency Dielectric Parameters of Divalent Ion-Substituted W-Type Hexagonal Ferrites. Journal of Electronic Materials, 2017, 46, 903-910.	2.2	14
98	Evaluation of structural, morphological and magnetic properties of CuZnNi (Cu _{0.5} Zn _{0.5} Ni _{0.5} Fe ₂ O ₄) nanocrystalline ferrites for core, switching and MLClâ€™s applications. Journal of Magnetism and Magnetic Materials, 2017, 421, 260-268.	2.3	113
99	Thermal, electrochemical and mechanical properties of shape memory alloy developed by a conventional processing route. Journal of Fundamental and Applied Sciences, 2017, 9, 847.	0.2	0
100	Effects of Debinding and Sintering Atmosphere on Properties and Corrosion Resistance of Powder Injection Molded 316 L - Stainless Steel. Sains Malaysiana, 2017, 46, 285-293.	0.5	14
101	Structural, spectral, dielectric and magnetic properties of Tbâ€™Dy doped Li-Ni nano-ferrites synthesized via micro-emulsion route. Journal of Magnetism and Magnetic Materials, 2016, 419, 338-344.	2.3	77
102	Influence of alkaline treatment and fiber loading on the physical and mechanical properties of kenaf/polypropylene composites for variety of applications. Progress in Natural Science: Materials International, 2016, 26, 657-664.	4.4	140
103	Highly efficient composite electrolyte for natural gas fed fuel cell. International Journal of Hydrogen Energy, 2016, 41, 6972-6979.	7.1	17
104	Effects of Pr-contents on the structural, magnetic and high frequency parameters of M-type hexagonal ferrites synthesized by solâ€™gel method. Journal of Materials Science: Materials in Electronics, 2016, 27, 6193-6201.	2.2	7
105	Fabrication of microchannels on PMMA using a low power CO ₂ laser. Laser Physics, 2016, 26, 096101.	1.2	16
106	Morphological, Raman, electrical and dielectric properties of rare earth doped X-type hexagonal ferrites. Physica B: Condensed Matter, 2016, 503, 38-43.	2.7	60
107	Magnetic nanoparticles (Fe ₃ O ₄ & Co ₃ O ₄) and their applications in urea biosensing. Russian Journal of Applied Chemistry, 2016, 89, 517-534.	0.5	3
108	Synthesis and characterization of Zr and Mg doped BiFeO ₃ nanocrystalline multiferroics via micro emulsion route. Journal of Alloys and Compounds, 2016, 667, 329-340.	5.5	43

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109	Impacts of Gd ³⁺ Ce on the structural, morphological and magnetic properties of garnet nanocrystalline ferrites synthesized via sol-gel route. <i>Journal of Alloys and Compounds</i> , 2016, 660, 486-495.	5.5	88
110	Structural elucidation and magnetic behavior evaluation of rare earth (La, Nd, Gd, Tb, Dy) doped BaCoNi-X hexagonal nano-sized ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 408, 147-151.	2.3	56
111	Structural, magnetic and dielectric properties of terbium doped NiCoX strontium hexagonal nano-ferrites synthesized via micro-emulsion route. <i>Ceramics International</i> , 2016, 42, 9079-9085.	4.8	39
112	The effect of semi-infinite crystalline electrodes on transmission of gold atomic wires using DFT. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 79, 8-12.	2.7	4
113	Effects of solid loading and cooling rate on the mechanical properties and corrosion behavior of powder injection molded 316 L stainless steel. <i>Powder Technology</i> , 2016, 289, 135-142.	4.2	22
114	Structural and magnetic properties of yttrium iron garnet (YIG) and yttrium aluminum iron garnet (YAlG) nanoferrites prepared by microemulsion method. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 425-431.	2.3	80
115	Composite electrolyte with proton conductivity for low-temperature solid oxide fuel cell. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	15
116	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. <i>Molecules</i> , 2015, 20, 22833-22847.	3.8	487
117	Synthesis and properties of Pr-substituted MgZn ferrites for core materials and high frequency applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 381, 173-178.	2.3	44
118	Investigation of the magnetic properties of nanometric SrSmCoNi ferrite/PST matrix. <i>Ceramics International</i> , 2015, 41, 8748-8754.	4.8	19
119	Effects of binder system and processing parameters on formability of porous Ti/HA composite through powder injection molding. <i>Materials and Design</i> , 2015, 87, 386-392.	7.0	41
120	Evaluation of thermal, morphological and mechanical properties of PMMA/NaCl/DMF electrospun nanofibers: an investigation through surface methodology approach. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 1025-1038.	2.4	17
121	Temperature dependent structural and magnetic behavior of Y-type hexagonal ferrites synthesized by sol-gel autocombustion. <i>Journal of Alloys and Compounds</i> , 2015, 651, 749-755.	5.5	29
122	Structural and photovoltaic characteristics of hierarchical ZnO nanostructures electrodes. <i>Applied Surface Science</i> , 2015, 334, 145-150.	6.1	9
123	Impacts of Tb substitution at cobalt site on structural, morphological and magnetic properties of cobalt ferrites synthesized via double sintering method. <i>Ceramics International</i> , 2015, 41, 2286-2293.	4.8	32
124	Investigations of Structural and Magnetic Properties of Nanostructured Ni _{0.5} Fe ₂ O ₄ Magnetic Feeders for CSEM Application. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 625-637.	2.1	13
125	Structural and magnetic behavior evaluation of Mg ²⁺ Tb ferrite/polypyrrole nanocomposites. <i>Ceramics International</i> , 2015, 41, 651-656.	4.8	20
126	Structural and magnetic behavior of Pr-substituted M-type hexagonal ferrites synthesized by sol-gel autocombustion for a variety of applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 374, 187-191.	2.3	88

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127	Morphology and tensile properties of thermoplastic polyurethane-halloysite nanotube nanocomposites. International Journal of Automotive and Mechanical Engineering, 2015, 12, 2844-2856.	0.9	6
128	Mn _{0.8} Zn _{0.2} Fe ₂ O ₄ nanoparticulates spinel ferrites: An approach to enhance the antenna field strength for improved magnitude versus offset (MVO). Progress in Natural Science: Materials International, 2014, 24, 364-372.	4.4	10
129	Structural and magnetic properties of Nd ³⁺ Mn substituted Y-type hexaferrites synthesized by microemulsion method. Journal of Alloys and Compounds, 2014, 602, 122-129.	5.5	35
130	Influence of Cd substitution on structural, electrical and magnetic properties of M-type barium hexaferrites co-precipitated nanomaterials. Journal of Alloys and Compounds, 2014, 584, 646-651.	5.5	50
131	Structural, morphological, dielectric and magnetic characterizations of Ni _{0.6} Cu _{0.2} Zn _{0.2} Fe ₂ O ₄ (NCZF/MWCNTs/PVDF) nanocomposites for multilayer chip inductor (MLCI) applications. Ceramics International, 2014, 40, 15821-15829.	4.8	46
132	Nanocrystalline La _{1-x} Sr _x Co _{1-y} Fe _y O ₃ perovskites fabricated by the micro-emulsion route for high frequency response devices fabrications. Ceramics International, 2014, 40, 13211-13216.	4.8	17
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