

Fadzidah Mohd Idris

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

462
citations

1040056

9
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments of smart electromagnetic absorbers based polymer-composites at gigahertz frequencies. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 405, 197-208.	2.3	148
2	A Study on Microwave Absorption Properties of Carbon Black and Ni _{0.6} Zn _{0.4} Fe ₂ O ₄ Nanocomposites by Tuning the Matching-Absorbing Layer Structures. <i>Scientific Reports</i> , 2020, 10, 3135.	3.3	64
3	Influence of different BFO filler content on microwave absorption performances in BiFeO ₃ /epoxy resin composites. <i>Ceramics International</i> , 2020, 46, 737-746.	4.8	45
4	Indium-substitution and indium-less case effects on structural and magnetic properties of yttrium-iron garnet. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 85, 1-12.	4.0	22
5	Microwave absorption properties of single- and double-layer coatings based on strontium hexaferrite and graphite nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14031-14045.	2.2	22
6	Crystallinity and magnetic properties dependence on sintering temperature and soaking time of mechanically alloyed nanometer-grain Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 333, 100-107.	2.3	19
7	Grouping trends of magnetic permeability components in their parallel evolution with microstructure in Ni _{0.3} Zn _{0.7} Fe ₂ O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 355, 265-275.	2.3	17
8	Comparative study of single- and double-layer BaFe ₁₂ O ₁₉ -Graphite nanocomposites for electromagnetic wave absorber applications. <i>Materials Research Bulletin</i> , 2020, 126, 110843.	5.2	15
9	Influence of indium substitution and microstructure changes on the magnetic properties evolution of Y ₃ Fe ₅ xIn _x O ₁₂ (x=0.0-0.4). <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 3596-3609.	2.2	12
10	Effects of crystalline phase formation of multiferroic BiFeO ₃ on microwave absorption characteristics. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 13229-13240.	2.2	11
11	Characterization of Ni _x Zn _{1-x} Fe ₂ O ₄ and Permittivity of Solid Material of NiO, ZnO, Fe ₂ O ₃ , and Ni _x Zn _{1-x} Fe ₂ O ₄ at Microwave Frequency Using Open Ended Coaxial Probe. <i>International Journal of Microwave Science and Technology</i> , 2015, 2015, 1-8.	0.6	10
12	Dependence of magnetic and microwave loss on evolving microstructure in yttrium iron garnet. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8688-8700.	2.2	10
13	Broadening of EM Energy-Absorption Frequency Band by Micrometer-to-Nanometer Grain Size Reduction in NiZn Ferrite. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 5475-5479.	2.1	9
14	Development of Magnetic B-H Hysteresis Loops Through Stages of Microstructure Evolution of Bulk BaFe ₁₂ O ₁₉ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 3075-3086.	1.8	9
15	Single- and Double-Layer Microwave Absorbers of Cobalt Ferrite and Graphite Composite at Gigahertz Frequency. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 935-943.	1.8	9
16	A comparative study of different sintering routes effects on evolving microstructure and B-H magnetic hysteresis in mechanically-alloyed Ni _x Zn ferrite, Ni _{0.3} Zn _{0.7} Fe ₂ O ₄ . <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 59-65.	2.2	8
17	Evolving microstructure, magnetic properties and phase transition in a mechanically alloyed Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ single sample. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 351, 16-24.	2.3	7
18	Compositional and frequency dependent-magnetic and microwave characteristics of indium substituted yttrium iron garnet. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3029-3041.	2.2	5

#	ARTICLE	IF	CITATIONS
19	Influence of Microstructural Evolution on the Magnetically Group Dominance in Polycrystalline $Y_{3Fe_{5}O_{12}}$ Multi-Samples. Materials Science Forum, 2016, 846, 366-374.	0.3	4
20	Magnetic phase transition of mechanically alloyed single sample $Co_{0.5}Ni_{0.5}Fe_{2}O_{4}$. Results in Physics, 2019, 15, 102683.	4.1	4
21	Effect of microstructural evolution from nano to micron grain size regime towards structural, magnetic, electrical and microwave properties of gadolinium iron garnet ($Gd_{3}Fe_{5}O_{12}$). Journal of Materials Science: Materials in Electronics, 2021, 32, 10160-10179.	2.2	4
22	Electromagnetic wave absorbing characteristics of C/Co-Mn and C/Co-Zn doped barium hexaferrite sandwiched nanocomposites. International Journal of Nanotechnology, 2020, 17, 757.	0.2	2
23	Microwave Absorption Characteristics of some Ferrite-Filled Polymer Composites. Advanced Materials Research, 0, 895, 298-304.	0.3	1
24	Influence of Parallel Evolving Microstructure on Thermal Diffusivity in Strontium Titanate. Materials Science Forum, 0, 846, 416-425.	0.3	1
25	Systematic microstructural development with thermal diffusivity behaviour from nanometric to micronic grains of strontium titanate. Journal of Thermal Analysis and Calorimetry, 2019, 137, 105-119.	3.6	1