

ElemÃ-r UÃ;Ã;k

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic and Structural Properties Analysis of Cerium Substituted Nickel-Zinc Ferrites. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	0
2	Fast Digital Feedback Algorithm for Efficient Control of Magnetic Flux Density Waveforms. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	2
3	Low frequency electromagnetic shielding efficiency of composites based on ethylene propylene diene monomer <scp>and</scp> multi-walled carbon nanotubes. Polymers for Advanced Technologies, 2020, 31, 3272-3280.	3.2	7
4	Rubber magnets based on NBR and lithium ferrite with the ability to absorb electromagnetic radiation. Polymers for Advanced Technologies, 2020, 31, 1624-1633.	3.2	6
5	Effect of Eu substitution on magnetic behavior of spinel nickel ferrites. AIP Conference Proceedings, 2019, , .	0.4	0
6	Magnetic elastomeric composites filled by lithium ferrites. AIP Conference Proceedings, 2019, , .	0.4	1
7	Structural and magnetic properties of nickel-zinc ferrites substituted by Terbium and Holmium. AIP Conference Proceedings, 2019, , .	0.4	0
8	Effect of lanthanum substitution on structural and magnetic properties of nickel zinc ferrites. AIP Advances, 2018, 8, .	1.3	7
9	Influence of iron substitution by selected rare-earth ions on the properties of NiZn ferrite fillers and PVC magneto-polymer composites. AIP Advances, 2018, 8, 047805.	1.3	5
10	The influence of selected ions on various characteristics of Nickel-Zinc ferrites. Journal of Electrical Engineering, 2018, 69, 449-453.	0.7	1
11	Bulk and CC-Tape Based Superconducting Shields for Magnetic Cloaks. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	10
12	Characterization of Elastomeric Composites With Lithium Ferrite Acting as Magnetically Active Filler. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	6
13	New parameters in adaptive testing of ferromagnetic materials utilizing magnetic Barkhausen noise. Journal of Magnetism and Magnetic Materials, 2016, 402, 172-177.	2.3	7
14	Magnetic and Structural Properties of Nickel Zinc Ferrites Doped With Yttrium. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	8
15	Magnetic properties of Ni ferrites substituted by divalent Zn, Cu and Co ions. , 2014, , .		0
16	Analysis of Microstructural Changes in Soft Magnetic Materials Based on Direct Evaluation of Magnetization Process Dynamics. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	0
17	Magnetic Properties Analysis of Rare-Earth Substituted Nickel Zinc Ferrites. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	10
18	Magnetopolymer Composites With Soft Magnetic Ferrite Filler. IEEE Transactions on Magnetics, 2013, 49, 38-41.	2.1	11

#	ARTICLE	IF	CITATIONS
19	Influence of Thermal Treatment on Magnetic Properties of Steel Sheet Material Utilised in Cable Routing System. <i>Advances in Electrical and Electronic Engineering</i> , 2013, 11, .	0.3	3
20	Influence of heat treatment on magnetic properties of steel sheet material for cable routing system. , 2012, , .		1
21	Analysis of Selected Be-Substituted NiZn Ferrites. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 447-450.	2.1	5
22	Contribution to analysis of Cu-substituted NiZn ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3346-3351.	2.3	26
23	Microwave properties of some substituted LiZn ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e860-e864.	2.3	21
24	Influence of Cu ²⁺ ions on structural and magnetic properties of NiZn ferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 1183-1189.	2.2	19
25	Magnetic properties of Be or Cu-substituted NiZn ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 304, e758-e761.	2.3	25
26	Hysteresis and Eddy-current Relaxation in SiFe Materials. <i>European Physical Journal D</i> , 2004, 54, 43-46.	0.4	1
27	Contribution to laminar effects in magnetic yokes. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 157-158, 463-464.	2.3	0
28	The correlation between the complex permeability and the stray flux in the gaps between the laminations. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 160, 203-204.	2.3	0