

# ElemÃ-r UÃ;Ã;k

## List of Publications by Year in descending order

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28  
papers

182  
citations

1163117

8  
h-index

1125743

13  
g-index

28  
all docs

28  
docs citations

28  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution to analysis of Cu-substituted NiZn ferrites. Journal of Magnetism and Magnetic Materials, 2009, 321, 3346-3351.	2.3	26
2	Magnetic properties of Be or Cu-substituted NiZn ferrites. Journal of Magnetism and Magnetic Materials, 2006, 304, e758-e761.	2.3	25
3	Microwave properties of some substituted LiZn ferrites. Journal of Magnetism and Magnetic Materials, 2008, 320, e860-e864.	2.3	21
4	Influence of Cu <sup>2+</sup> ions on structural and magnetic properties of NiZn ferrites. Journal of Materials Science: Materials in Electronics, 2007, 18, 1183-1189.	2.2	19
5	Magnetopolymer Composites With Soft Magnetic Ferrite Filler. IEEE Transactions on Magnetics, 2013, 49, 38-41.	2.1	11
6	Magnetic Properties Analysis of Rare-Earth Substituted Nickel Zinc Ferrites. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	10
7	Bulk and CC-Tape Based Superconducting Shields for Magnetic Cloaks. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	10
8	Magnetic and Structural Properties of Nickel Zinc Ferrites Doped With Yttrium. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	8
9	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
10	Effect of lanthanum substitution on structural and magnetic properties of nickel zinc ferrites. AIP Advances, 2018, 8, .	1.3	7
11	Low frequency electromagnetic shielding efficiency of composites based on ethylene propylene diene monomer <sc> and </sc> multi-walled carbon nanotubes. Polymers for Advanced Technologies, 2020, 31, 3272-3280.	3.2	7
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	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
14	Analysis of Selected Be-Substituted NiZn Ferrites. IEEE Transactions on Magnetics, 2010, 46, 447-450.	2.1	5
15	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
16	Influence of Thermal Treatment on Magnetic Properties of Steel Sheet Material Utilised in Cable Routing System. Advances in Electrical and Electronic Engineering, 2013, 11, .	0.3	3
17	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
18	Hysteresis and Eddy-current Relaxation in SiFe Materials. European Physical Journal D, 2004, 54, 43-46.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Influence of heat treatment on magnetic properties of steel sheet material for cable routing system. , 2012, , .		1
20	Magnetic elastomeric composites filled by lithium ferrites. AIP Conference Proceedings, 2019, , .	0.4	1
21	The influence of selected ions on various characteristics of Nickel-Zinc ferrites. Journal of Electrical Engineering, 2018, 69, 449-453.	0.7	1
22	Contribution to laminar effects in magnetic yokes. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 463-464.	2.3	0
23	The correlation between the complex permeability and the stray flux in the gaps between the laminations. Journal of Magnetism and Magnetic Materials, 1996, 160, 203-204.	2.3	0
24	Magnetic properties of Ni ferrites substituted by divalent Zn, Cu and Co ions. , 2014, , .		0
25	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
26	Effect of Eu substitution on magnetic behavior of spinel nickel ferrites. AIP Conference Proceedings, 2019, , .	0.4	0
27	Structural and magnetic properties of nickel-zinc ferrites substituted by Terbium and Holmium. AIP Conference Proceedings, 2019, , .	0.4	0
28	Magnetic and Structural Properties Analysis of Cerium Substituted Nickelâ€™Zinc Ferrites. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	0