Zhiyong Zhong

List of Publications by Year
in descending order

24	508	759233 12	642732 23
papers	citations	h-index	g-index

24	24	24	764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variation of leakage current mechanisms by ion substitution in BiFeO3 thin films. Applied Physics Letters, 2009, 95, .	3.3	94
2	Voltage-controlled nanoscale reconfigurable magnonic crystal. Physical Review B, 2017, 95, .	3.2	62
3	Enhanced Visible-Photocatalytic Activity of Anodic TiO2 Nanotubes Film via Decoration with CuInSe2 Nanocrystals. ACS Applied Materials & Interfaces, 2013, 5, 11022-11028.	8.0	41
4	Analysis of low-temperature-fired NiCuZn ferrites for power applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 162, 22-25.	3.5	36
5	Comparative Studies on Ferroelectric Properties of Mn-Substituted BiFeO3Thin Films Deposited on Ir and Pt Electrodes. Japanese Journal of Applied Physics, 2008, 47, 2230-2233.	1.5	34
6	A Facile Method for Preparation of Cu2O-TiO2 NTA Heterojunction with Visible-Photocatalytic Activity. Nanoscale Research Letters, 2018, 13, 221.	5.7	31
7	Influences of Fe-deficiency on electromagnetic properties of low-temperature-fired NiCuZn ferrites. Journal of Magnetism and Magnetic Materials, 2010, 322, 1779-1783.	2.3	29
8	Low-temperature-fired NiCuZn ferrites with BBSZ glass. Journal of Magnetism and Magnetic Materials, 2011, 323, 592-595.	2.3	25
9	Thickness Dependences of Polarization Characteristics in Mn-Substituted BiFeO₃ Films on Pt Electrodes. Japanese Journal of Applied Physics, 2008, 47, 6448.	1.5	24
10	Effects of ${hbox {Nb}}_{2}{hbox {O}}_{5}$ on DC-Bias-Superposition Characteristic of the Low-Temperature-Fired NiCuZn Ferrites. IEEE Transactions on Magnetics, 2013, 49, 4222-4225.	2.1	21
11	Design of nanostrip magnonic crystal waveguides with a single magnonic band gap. Journal of Magnetism and Magnetic Materials, 2013, 340, 23-26.	2.3	21
12	Effects of Co-substitution on DC-bias-superposition characteristic of the NiCuZn ferrites. Physica B: Condensed Matter, 2010, 405, 4006-4009.	2.7	16
13	High-Frequency Properties and Thickness-Dependent Damping Factor of ${m FeCo}{hbox{â€“}}{m SiO}_{2}$ Thin Films. IEEE Transactions on Magnetics, 2012, 48, 3654-3657.	2.1	12
14	Magnetic and high frequency properties of nanogranular CoFe-TiO2 films. Journal of Applied Physics, 2013, 113, .	2.5	11
15	Large Remanent Polarization in Sm-Substituted BiFeO₃ Thin Film Formed by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2010, 49, 041502.	1.5	9
16	Influence of sputtering power on the high frequency properties of nanogranular FeCoHfO thin films. Journal of Applied Physics, 2011, 109, 07A327.	2.5	8
17	Ferroelectric Properties of Cr-Doped BiFeO₃Films Crystallized below 500 Â°C. Japanese Journal of Applied Physics, 2009, 48, 101402.	1.5	7
18	Soft magnetic properties of (Ni80Fe20)1â^'x(Ni0.5Zn0.5Fe2O4)x films for high frequency applications. Journal of Applied Physics, 2011, 109, 07A308.	2.5	7

#	Article	IF	Citations
19	Fabrication of Heterostructured Metal Oxide/TiO₂ Nanotube Arrays Prepared via Thermal Decomposition and Crystallization. Inorganic Chemistry, 2018, 57, 10249-10256.	4.0	7
20	Tailoring of the soft magnetic property and uniaxial anisotropy of magnetostrictive films by interlayer. Journal of Applied Physics, 2013, 113, 17A309.	2.5	5
21	Nanogranular (FeCoTiO/SiO₂)_{<italic>n</italic>} Multilayered Films for Noise Suppressor. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	3
22	High-Frequency Magnetic Loss in Nanogranular FeCoTiO Films With Different Histories of Induced Uniaxial Anisotropy. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	3
23	Effects of substrate morphology on permeability spectra of Ni80Fe20 films deposited on periodically rippled sapphire substrates. Journal of Materials Science: Materials in Electronics, 2022, 33, 14409-14418.	2.2	2
24	Ferroelectric properties of BiFe<inf>x</inf>Cr<inf>1-x</inf>O<inf>3</inf> thin film formed on Pt electrodes. , 2008, , .		0