Yan Yang

List of Publications by Year
in descending order

33 papers	620 citations	567281 15 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	284 citing authors

#	Article	IF	Citations
1	Enhanced microstructure and dielectric properties of low-temperature sintered MgO-xwt%LiF ceramics for high-frequency applications. Ceramics International, 2022, 48, 2704-2709.	4.8	6
2	Enhancement of magnetic and dielectric properties of low temperature sintered NiCuZn ferrite by Bi₂O₃â€“CuO additives. Chinese Physics B, 2022, 31, 047502.	1.4	3
3	Nb5+ ion substitution assisted the magnetic and gyromagnetic properties of NiCuZn ferrite for high frequency LTCC devices. Ceramics International, 2022, 48, 12490-12496.	4.8	13
4	Enhanced gyromagnetic properties of Cu-substituted LiZnTi ferrites for LTCC applications. Ceramics International, 2022, 48, 20090-20095.	4.8	6
5	Influence of CuO additive on phase formation, microstructure and microwave dielectric properties of Cu-doped CuxZn1.8-xSiO3.8 ceramics. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	1
6	Microwave dielectric properties and sintering behaviors of Zn1.8SiO3.8 ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 517-523.	2.2	4
7	Enhancement of structural and microwave properties of Zn2+ ion-substituted Li2MgSiO4 ceramics for LTCC applications. Ceramics International, 2021, 47, 15039-15043.	4.8	11
8	Crystal structure and enhanced microwave dielectric properties of Ta⁵⁺ substituted Li₃Mg₂NbO₆ ceramics. Journal of the American Ceramic Society, 2020, 103, 214-223.	3.8	58
9	Equivalent permeability and permittivity of Sm substituted Mgâ€“Cd ferrites for high-frequency applications. Journal of Alloys and Compounds, 2020, 819, 153059.	5.5	18
10	Bi3+ doping-adjusted microstructure, magnetic, and dielectric properties of nickel zinc ferrite ceramics for high frequency LTCC antennas. Ceramics International, 2020, 46, 25697-25704.	4.8	39
11	Effects of Bi2O3â€“MnO2 additives on tunable microstructure and magnetic properties of low temperature co-fired NiCuZn ferrite ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 12325-12332.	2.2	10
12	Microwave dielectric properties of low-temperature-fired MgNb₂O₆ ceramics for LTCC applications. RSC Advances, 2020, 10, 29835-29842.	3.6	17
13	Microstructure and corrosion behavior of as-extruded Mg-6.5Li-xY-yZn alloys. Journal of Alloys and Compounds, 2020, 823, 153839.	5.5	15
14	Synthesis of V2O5-Doped and low-sintered NiCuZn ferrite with uniform grains and enhanced magnetic properties. Ceramics International, 2020, 46, 10652-10657.	4.8	29
15	Grain growth and tunable ferromagnetic resonance linewidth of low-temperature sintering NiCuZn gyromagnetic ferrites. Journal of Materials Science: Materials in Electronics, 2020, 31, 2845-2853.	2.2	4
16	Effects of Li2Oâ€“B2O3â€“SiO2â€“CaOâ€“Al2O3 glass addition on the sintering behavior and microwave dielectric properties of Li3Mg2NbO6 ceramics. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	11
17	Bi2O3-doping controlled magnetic and dielectric properties of low-temperature co-fired NiCuZn ferrite for high-frequency applications. Journal of Materials Science: Materials in Electronics, 2019, 30, 15437-15443.	2.2	9
18	Microstructures and magnetic properties of low temparature sintering NiCuZn ferrite ceramics for microwave applications. Ceramics International, 2019, 45, 22163-22168.	4.8	26

#	Article	IF	Citations
19	Ultralow loss and temperature stability of Li3Mg2NbO6-xLiF ceramics with low sintering temperature. Journal of Alloys and Compounds, 2019, 782, 370-374.	5.5	20
20	Synthesis of nickel zinc ferrite ceramics on enhancing gyromagnetic properties by a novel low-temperature sintering approach for LTCC applications. Journal of Alloys and Compounds, 2019, 778, 8-14.	5.5	17
21	Nano-TiO2 substituted LiZnBi ferrite ceramics with low sintering temperature and enhanced magnetic properties for LTCC applications. Journal of Alloys and Compounds, 2019, 775, 1244-1250.	5.5	7
22	Densification and magnetic properties of NiCuZn low-sintering temperature ferrites with Bi2O3-Nb2O5 composite additives. Journal of Alloys and Compounds, 2019, 776, 954-959.	5.5	30
23	Low-temperature preparation of Al2O3-ZrO2 nanoceramics via pressureless sintering assisted by amorphous powders. Journal of Alloys and Compounds, 2019, 783, 806-812.	5.5	16
24	Double peaks of the permeability spectra of obliquely sputtered CoFeB amorphous films. Materials Research Bulletin, 2019, 110, 107-111.	5.2	14
25	Influence of LZN nanoparticles on microstructure and magnetic properties of bi-substituted LiZnTi low-sintering temperature ferrites. Ceramics International, 2019, 45, 1946-1949.	4.8	11
26	Crystal structure and enhanced microwave dielectric properties of non-stoichiometric Li3Mg2+xNbO6 ceramics. Materials Letters, 2019, 235, 84-87.	2.6	4
27	Low temperature sintering and microwave dielectric properties of novel temperature stable Li3Mg2NbO6-0.1TiO2 ceramics. Materials Letters, 2018, 217, 48-51.	2.6	26
28	Effects of Bi 2 O 3 -Nb 2 O 5 additives on microstructure and magnetic properties of low-temperature-fired NiCuZn ferrite ceramics. Ceramics International, 2018, 44, 10545-10550.	4.8	61
29	Enhanced grain-boundary diffusion on power loss of low-temperature-fired NiCuZn ferrites for high-frequency power supplies. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	8
30	Correlations between the structural characteristics and enhanced microwave dielectric properties of Vâ€“modified Li3Mg2NbO6 ceramics. Ceramics International, 2018, 44, 19295-19300.	4.8	39
31	Investigation and characterization on crystal structure and enhanced microwave dielectric properties of non-stoichiometric Li3+xMg2NbO6 ceramics. Ceramics International, 2018, 44, 20539-20544.	4.8	26
32	Enhanced gyromagnetic properties of NiCuZn ferrite ceramics for LTCC applications by adjusting MnO2-Bi2O3 substitution. Ceramics International, 2018, 44, 19370-19376.	4.8	27
33	Investigation of grain boundary diffusion and grain growth of lithium zinc ferrites with low activation energy. Journal of the American Ceramic Society, 2018, 101, 5037-5045.	3.8	34