

Feipeng Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

298
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of NiCo ₂ O ₄ nanoparticles decorated N, S co-doped reduced graphene oxide composites for electrochemical simultaneous detection of trace multiple heavy metal ions and hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , 2022, 433, 133854.	12.7	46
2	A novel NTC ceramic based on La ₂ Zr ₂ O ₇ for high-temperature thermistor. <i>Journal of the European Ceramic Society</i> , 2022, 42, 2561-2564.	5.7	9
3	Substrate-induced morphology and its effect on the electrical properties and stability of polycrystalline Mn _{1.2} Co _{1.5} Ni _{0.3} O ₄ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22588-22598.	2.2	1
4	Characterization of Al-doped Mn-Co-Ni-O NTC thermistor films prepared by the magnetron co-sputtering approach. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154831.	5.5	13
5	Effect of sintering temperature on structural and electrical properties of Mn _{0.55} Fe _{1.25} Cu ₂ Ni _{2.2} O ₄ + γ NTC thick film. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12848-12855.	2.2	3
6	Effect of substrate temperature on structure, cationic distribution and electrical properties of MnCo _{0.2} Ni _{0.1} Mg _{0.6} Al _{1.1} O ₄ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 14200-14206.	2.2	4
7	Improvement of Mn _{1.56} (Co _{1-x} Al _x) _{0.96} Ni _{0.48} O ₄ (0.1% α % β % γ % δ % ϵ % ζ % η % θ % ι % κ % λ % μ % ν % ξ % \omicron % π % ρ % σ % τ % υ % ϕ % χ % ψ % ω) Film Preparation and Assessment of Its Structure and Properties. <i>Journal of Electronic Materials</i> , 2019, 48, 2077-2084.	2.2	5
8	Fabrication and electrical properties of the fast response Mn _{1.2} Co _{1.5} Ni _{0.3} O ₄ miniature NTC chip thermistors. <i>Ceramics International</i> , 2019, 45, 378-383.	4.8	32
9	Fabrication and properties of high B value [Mn _{1.56} Co _{0.96} Ni _{0.48} O ₄] _{1-x} [SrMnO ₃] _x (0% α % β % γ % δ % ϵ % ζ % η % θ % ι % κ % λ % μ % ν % ξ % \omicron % π % ρ % σ % τ % υ % ϕ % χ % ψ % ω) spinel-perovskite composite NTC films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9613-9620.	2.2	4
10	Influence of oxygen atmosphere annealing on the thermal stability of Mn _{1.2} Co _{1.5} Ni _{0.3} O ₄ \pm ceramic films fabricated by RF magnetron sputtering. <i>Ceramics International</i> , 2018, 44, 1455-1460.	4.8	15
11	Effect of sputtering power on structural, cationic distribution and optical properties of Mn ₂ Zn _{0.25} Ni _{0.75} O ₄ thin films. <i>Applied Surface Science</i> , 2018, 435, 815-821.	6.1	27
12	High B value Mn-Co-Ni spinel films on alumina substrate by RF sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 9876-9881.	2.2	16
13	Improvement of electrical properties of single-phase film thermistors by a Ni _{0.75} Mn _{2.25} O ₄ /LaMnO ₃ bilayer structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3837-3842.	2.2	4
14	Oxidation mode on charge transfer mechanism in formation of Mn-Co-Ni-O spinel films by RF sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 13659-13664.	2.2	7
15	A study on the electrical properties of Mn-Co-Ni-O thin films grown by radio frequency magnetron sputtering with different thicknesses. <i>Applied Surface Science</i> , 2017, 423, 1012-1018.	6.1	23
16	Formation of Mn-Co-Ni-O Nanoceramic Microspheres Using In Situ Inkjet Printing: Sintering Process Effect on the Microstructure and Electrical Properties. <i>Small</i> , 2016, 12, 5027-5033.	10.0	24
17	Mn _{1.56} Co _{0.96} Ni _{0.48} O ₄ \pm flexible thin films fabricated by pulsed laser deposition for NTC applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 206, 39-44.	3.5	14
18	Growth mode and properties of Mn-Co-Ni-O NTC thermistor thin films deposited on MgO (100) substrate by laser MBE. <i>Modern Physics Letters B</i> , 2014, 28, 1450235.	1.9	3

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19	Effects of preferred orientation on electrical properties of $Mn_{1.56}Co_{0.96}Ni_{0.48}O_4$ spinel films. Materials Letters, 2014, 137, 36-40.	2.6	21
20	Epitaxial growth of $MnCoNiO$ thin films and thickness effects on the electrical properties. Materials Letters, 2014, 130, 127-130.	2.6	27