

Abdessalem Dhahri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, structural and complex impedance spectroscopy studies of Ni _{0.4} Co _{0.4} Mg _{0.2} Fe ₂ O ₄ spinel ferrite. Phase Transitions, 2017, 90, 942-954.	1.3	58
2	Effect of sintering temperature on structural, magnetic, magnetocaloric and critical behaviors of Ni-Cd-Zn ferrites prepared using sol-gel method. Journal of Magnetism and Magnetic Materials, 2018, 464, 91-102.	2.3	45
3	Microstructural analysis, magnetic properties, magnetocaloric effect, and critical behaviors of Ni _{0.6} Cd _{0.2} Cu _{0.2} Fe ₂ O ₄ ferrites prepared using the sol-gel method under different sintering temperatures. RSC Advances, 2019, 9, 1990-2001.	3.6	32
4	Microstructural, magnetic and electrical properties of Zn _{0.4} Mn _{0.3} Co _{0.3} Fe ₂ O ₄ (M = Ni and Cu) ferrites synthesized by sol-gel method. Journal of Materials Science: Materials in Electronics, 2018, 29, 6879-6891.	2.2	30
5	Microstructural properties, conduction mechanism, dielectric behavior, impedance and electrical modulus of La _{0.6} Sr _{0.2} Na _{0.2} MnO ₃ manganite. Journal of Materials Science: Materials in Electronics, 2019, 30, 2975-2984.	2.2	28
6	Structure, magnetic and electrical transport properties of the perovskites La _{0.67} Eu _x Sr _{0.33} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2013, 326, 129-137.	2.3	24
7	Effects of Sintering Temperature on Microstructural, Magnetic, and Impedance Spectroscopic Properties of Ni _{0.4} Cd _{0.3} Zn _{0.3} Fe ₂ O ₄ Ferrites. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1547-1557.	1.8	18
8	Magnetocaloric effect study by means of theoretical models and spontaneous magnetization determination in Ni _{0.4} Mg _{0.3} Cu _{0.3} Fe ₂ O ₄ ferrite. Materials Research Express, 2019, 6, 066108.	1.6	14
9	B-site substitution impact on structural and magnetocaloric behavior of La _{0.55} Pr _{0.1} Sr _{0.35} Mn _{1-x} Ti _x O ₃ manganites. Journal of Solid State Chemistry, 2021, 297, 122046.	2.9	14
10	Microstructural, Magnetic, Magnetocaloric, and Electrical Properties of Ni _{0.4} Mg _{0.3} Cu _{0.3} Fe ₂ O ₄ Ferrite Prepared Using Sol-gel Method. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1085-1094.	1.8	10
11	Critical behaviors near the paramagnetic-ferromagnetic phase transitions of La _{0.47} Eu _{0.2} Pb _{0.33} MnO ₃ and La _{0.47} Y _{0.2} Pb _{0.33} MnO ₃ perovskites. Journal of Molecular Structure, 2017, 1142, 102-109.	3.6	8
12	Correlation between magnetocaloric and electrical properties based on phenomenological models in La _{0.47} Pr _{0.2} Pb _{0.33} MnO ₃ perovskite. Phase Transitions, 2018, 91, 559-572.	1.3	8
13	Synthesis and study of impedance spectroscopy properties of La _{0.6} Ca _{0.2} Na _{0.2} MnO ₃ manganite perovskite prepared using sol-gel method. Journal of Materials Science: Materials in Electronics, 2020, 31, 8248-8257.	2.2	8
14	Study of the Magnetocaloric Effect by Means of Theoretical Models in La _{0.6} Ca _{0.2} Na _{0.2} MnO ₃ Manganite Compound. Journal of Low Temperature Physics, 2020, 200, 26-39.	1.4	8
15	Structural, magnetic and magnetocaloric properties, and analysis of MCE using the mean-field theory of Mg-Co ferrite with Ni substitution. Journal of Materials Science: Materials in Electronics, 2019, 30, 6127-6138.	2.2	7
16	Effect of 20% Cr-doping on structural and electrical properties of La _{0.67} Ca _{0.33} MnO ₃ perovskite. Journal of Alloys and Compounds, 2016, 687, 521-528.	5.5	6
17	Effect of temperature on behavior of perovskite-type oxide LaGaO ₃ used as a novel anode material for Ni-MH secondary batteries. International Journal of Energy Research, 2018, 42, 2953-2960.	4.5	6
18	Structural Analysis, Magnetocaloric Effect, and Critical Exponents for La _{0.6} Sr _{0.2} Na _{0.2} MnO ₃ Manganite. Journal of Superconductivity and Novel Magnetism, 2019, 32, 2571-2578.	1.8	6

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19	La _{0.6} Ca _{0.2} Na _{0.2} MnO ₃ Perovskite: Structural, Magnetic, Critical, and Magnetocaloric Properties. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1385-1393.	1.8	5
20	Sintering Temperature Effects on Structural, Magnetic, Magnetocaloric and Critical Properties of Nd _{0.67} Pb _{0.33} Mn _{0.9} Al _{0.1} O ₃ Manganites. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1223-1230.	1.8	3
21	Critical Behavior and Its Correlation with Magneto-Electrical Properties in La _{0.47} Ln _{0.2} Pb _{0.33} MnO ₃ (Ln = Y and Eu) Polycrystalline. Journal of Low Temperature Physics, 2020, 201, 500-514.	1.4	3
22	Sintering temperature effects on the impedance spectroscopy properties of Nd _{0.67} Pb _{0.33} Mn _{0.9} Al _{0.1} O ₃ perovskites. Phase Transitions, 2020, 93, 417-428.	1.3	3
23	Electrochemical study of LaGaO ₃ as novel electrode material of hydrogen battery (Ni/MH). Environmental Progress and Sustainable Energy, 2023, 42, .	2.3	3
24	Investigation of the magnetocaloric effect by means of theoretical models in Nd _{0.67} Ba _{0.33} MnO ₃ manganite. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	2
25	Structural and Electrical Conductivity Analysis of the Perovskite La _{0.65} Pr _{0.1} Ba _{0.25} Mn _{1-x} Ga _x O ₃ . Journal of Low Temperature Physics, 2015, 180, 266-276.	1.4	0
26	Effects of barium deficiency on structural, magnetic and magnetocaloric properties of La _{0.6} Nd _{0.1} Ba _{0.3} ^â _x Mn _{0.9} Cr _{0.1} O ₃ manganites. Phase Transitions, 2018, 91, 71-82.		
27	Influence of Non-magnetic Ti ⁴⁺ Doped on Critical Behavior of La _{0.55} Pr _{0.1} Sr _{0.35} Mn _{1-x} Ti _x O ₃ (x = 0.00, 0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10). Journal of Superconductivity and Novel Magnetism, 2020, 33, 1385-1393.	1.8	0