

Na Algarou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic and microwave properties of SrFe ₁₂ O ₁₉ /MCo _{0.04} Fe _{1.96} O ₄ (M = Cu, Ni, Mn, Co and Zn) hard/soft nanocomposites. Journal of Materials Research and Technology, 2020, 9, 5858-5870.	5.8	102
2	Enhancement on the exchange coupling behavior of SrCo _{0.02} Zr _{0.02} Fe _{11.96} O ₁₉ /MFe ₂ O ₄ (M = Co, Ni, Cu,) Tj ETQq0 0 0 rgBT /Overlock 2020, 499, 166308.	2.3	71
3	Review on functional bi-component nanocomposites based on hard/soft ferrites: Structural, magnetic, electrical and microwave absorption properties. Nano Structures Nano Objects, 2021, 26, 100728.	3.5	63
4	Developing the magnetic, dielectric and anticandidal characteristics of SrFe ₁₂ O ₁₉ /(Mg _{0.5} Cd _{0.5} Dy _{0.03} Fe _{1.97} O ₄) _x hard/soft ferrite nanocomposites. Journal of the Taiwan Institute of Chemical Engineers, 2020, 113, 344-362.	5.3	50
5	Fabrication of exchange coupled hard/soft magnetic nanocomposites: Correlation between composition, magnetic, optical and microwave properties. Arabian Journal of Chemistry, 2021, 14, 102992.	4.9	46
6	Investigation of exchange coupling and microwave properties of hard/soft (SrNi _{0.02} Zr _{0.01} Fe _{11.96} O ₁₉)/(CoFe ₂ O ₄) _x nanocomposites. Materials Today Nano, 2022, 18, 100186.	4.6	37
7	Electronic, magnetic, and microwave properties of hard/soft nanocomposites based on hexaferrite SrNi _{0.02} Zr _{0.02} Fe _{11.96} O ₁₉ with variable spinel phase MFe ₂ O ₄ (M = Mn, Co, Cu, and Zn). Ceramics International, 2021, 47, 35209-35223.	4.8	35
8	Exchange-coupling effect in hard/soft SrTb _{0.01} Tm _{0.01} Fe _{11.98} O ₁₉ /AFe ₂ O ₄ (where A = Co, Ni, Zn, Cu and) Tj ETQq0 0 0 rgBT /Overlock	4.8	30
9	Tb ³⁺ substituted strontium hexaferrites: Structural, magnetic and optical investigation and cation distribution. Journal of Rare Earths, 2020, 38, 402-410.	4.8	19