

Imaddin A Al-Omari

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

109
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring Interfacial Exchange Anisotropy in Hard-Soft Core-Shell Ferrite Nanoparticles for Magnetic Hyperthermia Applications. <i>Nanomaterials</i> , 2022, 12, 262.	4.1	10
2	Superparamagnetic Nickel Ferrite Nanoparticles Doped with Zinc by Modified Sol-gel Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2022, 35, 795.	1.8	3
3	Synthesis, morphological, structural, and magnetic studies of Gd _{1-x} Pr _x CrO ₃ nanoparticles. <i>Solid State Sciences</i> , 2022, 125, 106836.	3.2	1
4	Role of Magnetite Nanoparticles Size and Concentration on Hyperthermia under Various Field Frequencies and Strengths. <i>Molecules</i> , 2021, 26, 796.	3.8	22
5	Specific Absorption Rate Dependency on the Co ²⁺ Distribution and Magnetic Properties in Co _x Mn _{1-x} Fe ₂ O ₄ Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1231.	4.1	9
6	Structural, Magnetic, and Optical Studies of Ni-Mg Ferrites Synthesized by Polyol Method. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, .	1.8	5
7	Unusual Magneto-Structural Features of the Halo-Substituted Materials [Fe III (5d ⁵ salMeen) ₂]: a Cooperative [HS] [HS] Spin Transition. <i>Chemistry - A European Journal</i> , 2020, 26, 4766-4779.	3.3	15
8	Role of interface quality in iron oxide core/shell nanoparticles on heating efficiency and transverse relaxivity. <i>Materials Express</i> , 2019, 9, 328-336.	0.5	8
9	Investigating Exchange Bias and Coercivity in Fe ₃ O ₄ -Fe ₂ O ₃ Core-Shell Nanoparticles of Fixed Core Diameter and Variable Shell Thicknesses. <i>Nanomaterials</i> , 2017, 7, 415.	4.1	36
10	Magnetic properties of Fe-doped Zn-TiO ₂ rutile nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1201, 24.	0.1	0