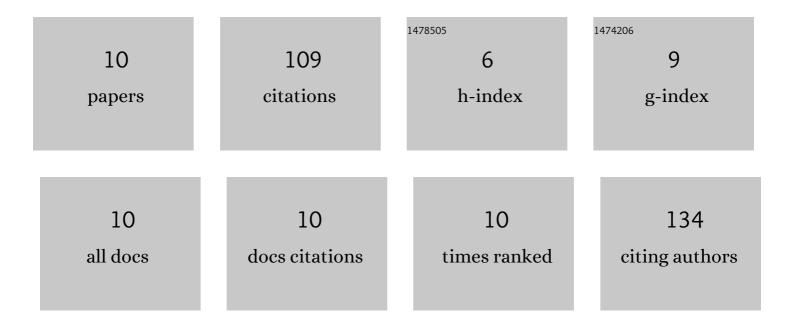
Imaddin A Al-Omari

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Investigating Exchange Bias and Coercivity in Fe3O4–γ-Fe2O3 Core–Shell Nanoparticles of Fixed Core Diameter and Variable Shell Thicknesses. Nanomaterials, 2017, 7, 415.	4.1	36
2	Role of Magnetite Nanoparticles Size and Concentration on Hyperthermia under Various Field Frequencies and Strengths. Molecules, 2021, 26, 796.	3.8	22
3	Unusual Magnetoâ€Structural Features of the Haloâ€Substituted Materials [Fe III (5â€Xâ€salMeen) 2]Y: a Cooperative [HSâ€HS]↔[HSâ€LS] Spin Transition. Chemistry - A European Journal, 2020, 26, 4766-4779.	3.3	15
4	Tailoring Interfacial Exchange Anisotropy in Hard–Soft Core-Shell Ferrite Nanoparticles for Magnetic Hyperthermia Applications. Nanomaterials, 2022, 12, 262.	4.1	10
5	Specific Absorption Rate Dependency on the Co2+ Distribution and Magnetic Properties in CoxMn1-xFe2O4 Nanoparticles. Nanomaterials, 2021, 11, 1231.	4.1	9
6	Role of interface quality in iron oxide core/shell nanoparticles on heating efficiency and transverse relaxivity. Materials Express, 2019, 9, 328-336.	0.5	8
7	Structural, Magnetic, and Optical Studies of Ni–Mg Ferrites Synthesized by Polyol Method. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, .	1.8	5
8	Superparamagnetic Nickel Ferrite Nanoparticles Doped with Zinc by Modified Sol–gel Method. Journal of Superconductivity and Novel Magnetism, 2022, 35, 795.	1.8	3
9	Synthesis, morphological, structural, and magnetic studies of Gd1-xPrxCrO3 nanoparticles. Solid State Sciences, 2022, 125, 106836.	3.2	1
10	Magnetic properties of Fe-doped Zn-TiO2 rutile nanoparticles. Materials Research Society Symposia Proceedings, 2009, 1201, 24.	0.1	0