

# Imaddin A Al-Omari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9933064/publications.pdf>

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	Investigating Exchange Bias and Coercivity in Fe <sub>3</sub> O <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> Core-Shell Nanoparticles of Fixed Core Diameter and Variable Shell Thicknesses. <i>Nanomaterials</i> , 2017, 7, 415.	4.1	36
2	Role of Magnetite Nanoparticles Size and Concentration on Hyperthermia under Various Field Frequencies and Strengths. <i>Molecules</i> , 2021, 26, 796.	3.8	22
3	Unusual Magneto-Structural Features of the Half-Substituted Materials [Fe <sup>III</sup> (5- <i>Meen</i> ) <sub>2</sub> ]: a Cooperative [HS]↑[HS] Spin Transition. <i>Chemistry - A European Journal</i> , 2020, 26, 4766-4779.	3.3	15
4	Tailoring Interfacial Exchange Anisotropy in Hard-Soft Core-Shell Ferrite Nanoparticles for Magnetic Hyperthermia Applications. <i>Nanomaterials</i> , 2022, 12, 262.	4.1	10
5	Specific Absorption Rate Dependency on the Co <sup>2+</sup> Distribution and Magnetic Properties in Co <sub>x</sub> Mn <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub> Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1231.	4.1	9
6	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
7	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
8	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
9	Synthesis, morphological, structural, and magnetic studies of Gd <sub>1-x</sub> Pr <sub>x</sub> CrO <sub>3</sub> nanoparticles. <i>Solid State Sciences</i> , 2022, 125, 106836.	3.2	1
10	Magnetic properties of Fe-doped Zn-TiO <sub>2</sub> rutile nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1201, 24.	0.1	0