

# Asmaa A H El-Bassuony

## List of Publications by Year in descending order

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26  
papers

564  
citations

471371

17  
h-index

642610

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novelty characterization and enhancement of magnetic properties of Co and Cu nanoferrites. Journal of Materials Science: Materials in Electronics, 2017, 28, 241-249.	1.1	39
2	The Impact of Ni Substitution on the Structural and Magnetic Properties of Mg Nano-Ferrite. Silicon, 2018, 10, 1687-1696.	1.8	35
3	Modification of AgFeO <sub>2</sub> by double nanometric delafossite to be suitable as energy storage in solar cell. Journal of Alloys and Compounds, 2017, 726, 1106-1118.	2.8	33
4	Giant Exchange Bias of Hysteresis Loops on Cr <sup>3+</sup> -doped Ag Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1539-1544.	0.8	29
5	Investigation of Cation Distribution and Microstructure of Nano Ferrites Prepared by Different Wet Methods. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 1362-1372.	1.9	28
6	Attractive Improvement in Structural, Magnetic, Optical, and Antimicrobial Activity of Silver Delafossite by Fe/Cr Doping. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3691-3703.	0.8	26
7	Synthesis, characterization and antimicrobial activity of AgFeO <sub>2</sub> delafossite. Journal of Materials Science: Materials in Electronics, 2018, 29, 11699-11711.	1.1	25
8	Enhancement of AgCrO <sub>2</sub> by double nanometric delafossite to be applied in many technological applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 5401-5412.	1.1	24
9	Influence of High Annealing Temperature on Structural, Magnetic and Antimicrobial Activity of Silver Chromite Nanoparticles for Biomedical Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1821-1828.	1.9	24
10	Enhancement of structural and electrical properties of novelty nanoferrite materials. Journal of Materials Science: Materials in Electronics, 2017, 28, 14489-14498.	1.1	23
11	Correlation of heat treatment and the impurities accompanying Ag nanoparticles. European Physical Journal Plus, 2020, 135, 1.	1.2	23
12	A Comparative Study of Physical Properties of Er and Yb Nanophase Ferrite for Industrial Application. Journal of Superconductivity and Novel Magnetism, 2018, 31, 2829-2840.	0.8	22
13	Tuning the structural and magnetic properties on Cu/Cr nanoferrite using different rare-earth ions. Journal of Materials Science: Materials in Electronics, 2018, 29, 3259-3269.	1.1	21
14	Antimicrobial activity of Novel spinel nanoferrites against pathogenic fungi and bacteria. World Journal of Microbiology and Biotechnology, 2020, 36, 25.	1.7	21
15	Synthesis, characterization, magnetic and antimicrobial properties of silver chromite nanoparticles. Journal of Materials Science: Materials in Electronics, 2020, 31, 3662-3673.	1.1	21
16	Fascinating improvement in physical properties of Cd/Co nanoferrites using different rare earth ions. Journal of Materials Science: Materials in Electronics, 2017, 28, 11482-11490.	1.1	19
17	Fascinating Study of the Physical Properties of a Novel Nanometric Delafossite for Biomedical Applications. Jom, 2019, 71, 1866-1873.	0.9	19
18	Tailoring the structural, magnetic and antimicrobial activity of AgCrO <sub>2</sub> delafossite at high annealing temperature. Journal of Thermal Analysis and Calorimetry, 2019, 138, 81-88.	2.0	18

#	ARTICLE	IF	CITATIONS
19	Effect of Al Addition on Structural, Magnetic, and Antimicrobial Properties of Ag Nanoparticles for Biomedical Applications. <i>Jom</i> , 2020, 72, 1154-1162.	0.9	18
20	Evaluation of antimicrobial properties of a novel synthesized nanometric delafossite. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1475-1482.	0.8	17
21	Impacts of hematite, bunsenite and maghemite impurities on the physical and antimicrobial properties of silver nanoparticles. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	17
22	Role of elastic and optical properties on silver nanoferrite and nanochromite for optical switch device applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21590-21602.	1.1	14
23	Attractive study of the antimicrobial, antiviral, and cytotoxic activity of novel synthesized silver chromite nanocomposites. <i>BMC Chemistry</i> , 2022, 16, .	1.6	13
24	Influence of Elastic and Optical Properties on AgFeO <sub>2</sub> and AgCrO <sub>2</sub> Delafossite to be Applied in High-Frequency Applications. <i>Jom</i> , 2022, 74, 2656-2664.	0.9	12
25	Influence of Silver Nanoferrite and Nanochromite on Physical Properties for High-Frequency and Biomedical Applications. <i>Jom</i> , 2022, 74, 2635-2644.	0.9	12
26	Fascinating study of adding nanocomposite cobalt nano ferrite to silver nanoparticles accompanied magnetite impurity. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 16219-16235.	1.1	11