

Mohamad Bekhit

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

150
citations

8
h-index

11
g-index

22
ext. papers

233
ext. citations

2.8
avg, IF

3.31
L-index

#	Paper	IF	Citations
20	Gamma radiation-induced synthesis of a novel chitosan/silver/Mn-Mg ferrite nanocomposite and its impact on cadmium accumulation and translocation in brassica plant growth. <i>International Journal of Biological Macromolecules</i> , 2021 , 194, 306-316	7.9	4
19	Radiation-induced synthesis of copper sulfide nanotubes with improved catalytic and antibacterial activities. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 44467-44478	5.1	7
18	Antimicrobial Activity and Cytotoxicity of Radiation Synthesized Cu Nanoparticles Compared with Antibiotics. <i>BioNanoScience</i> , 2021 , 11, 878-883	3.4	
17	Effect of gamma irradiation on the free-standing polyvinyl alcohol/chitosan/Ag nanocomposite films: insights on the structure, optical, and dispersion properties. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	3
16	Radiation synthesis of ZnS/chitosan nanocomposites and its anti-bacterial activity. <i>International Journal of Environmental Analytical Chemistry</i> , 2021 , 101, 379-390	1.8	5
15	Gamma radiation shielding properties of poly(vinyl butyral)/Bi ₂ O ₃ @BaZrO ₃ nanocomposites. <i>Materials Chemistry and Physics</i> , 2021 , 268, 124728	4.4	5
14	Radiation-induced synthesis of tween 80 stabilized silver nanoparticles for antibacterial applications. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020 , 55, 1210-1217	2.3	13
13	Unveiling the Effect of Zn ²⁺ Substitution in Enrichment of Structural, Magnetic, and Dielectric Properties of Cobalt Ferrite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 3709-3721	3.2	12
12	Exploring polyvinyl alcohol [nickel sulphate composite film for absorbed dose monitoring. <i>Radiochimica Acta</i> , 2020 , 108, 231-238	1.9	4
11	Efficient monitoring of dosimetric behaviour for copper nanoparticles through studying its optical properties. <i>Radiochimica Acta</i> , 2019 , 107, 523-529	1.9	1
10	Radiation synthesis of copper sulphide/poly(vinyl alcohol) nanocomposites films: an efficient and reusable catalyst for p-nitrophenol reduction. <i>International Journal of Environmental Analytical Chemistry</i> , 2019 , 99, 1313-1324	1.8	11
9	Preparation of Cadmium Sulfide/Polystyrene Nanocomposites Films Using Gamma Irradiation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 1187-1194	3.2	3
8	Copper Nanoparticles: Synthesis, Characterization and Its Application as Catalyst for p-Nitrophenol Reduction. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 1195-1205	3.2	19
7	Radiation-Induced Synthesis of Copper/Poly(vinyl alcohol) Nanocomposites and Their Catalytic Activity. <i>Advances in Polymer Technology</i> , 2018 , 37, 365-375	1.9	20
6	Thermal and Structural Characterization Behavior of Electron Beam Irradiated Rubber/Clay Nanocomposites. <i>Advances in Polymer Technology</i> , 2014 , 33, n/a-n/a	1.9	6
5	Mechanical and physicochemical properties of electron beam irradiated rubber/clay nanocomposites. <i>Polymer Composites</i> , 2013 , 34, 1600-1610	3	12
4	Effect of ionizing radiation on the properties of acrylonitrile butadiene rubber/clay nanocomposites. <i>Journal of Elastomers and Plastics</i> , 2013 , 45, 407-428	1.6	9

3	Synthesis and Characterization of Magnetically Retrievable Fe ₃ O ₄ /Polyvinylpyrrolidone/Polystyrene Nanocomposite Catalyst for Efficient Catalytic Oxidation Degradation of Dyes Pollutants. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	3
2	Mechanical, Thermal and Antimicrobial Properties of LLDPE/EVA/MMT/Ag Nanocomposites Films Synthesized by Gamma Irradiation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	2
1	A potential antibiofilm, antimicrobial and anticancer activities of chitosan capped gold nanoparticles prepared by γ radiation. <i>Materials Technology</i> ,1-10	2.1	11