

Biocidal chitosan-magnesium oxide nanoparticles via a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biocidal activity of Ba <sup>2+</sup> -doped CeO <sub>2</sub> NPs against <i>Streptococcus mutans</i> and <i>Staphylococcus aureus</i> bacterial strains. RSC Advances, 2021, 11, 30623-30634.	3.6	14
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3	Bioactivity of Chitosan-Based Particles Loaded with Plant-Derived Extracts for Biomedical Applications: Emphasis on Antimicrobial Fiber-Based Systems. Marine Drugs, 2021, 19, 359.	4.6	23
4	Eco-friendly superwetable functionalized-fabric with pH-bidirectional responsiveness for controllable oil-water and multi-organic components separation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 624, 126817.	4.7	19
5	Biocidal and biocompatible hybrid nanomaterials from biomolecule chitosan, alginate and ZnO. Carbohydrate Polymers, 2021, 274, 118646.	10.2	28
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7	Biosynthesis and characterization of Eupatorium adenophorum and chitosan mediated Copper oxide nanoparticles and their antibacterial activity. Results in Surfaces and Interfaces, 2022, 6, 100048.	2.4	11
8	Use of magnesium nanomaterials in plants and crop pathogens. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	5
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16	A comprehensive review on biosynthesis of magnesium oxide nanoparticles, and their antimicrobial, anticancer, antioxidant activities as well as toxicity study. Inorganic Chemistry Communication, 2022, 146, 110156.	3.9	12
17	Electric field assisted assembly of nanoparticle loaded microspheres toward industrial applications for organic dye removal. Separation and Purification Technology, 2023, 306, 122565.	7.9	4
18	Bioinspired Strategies for Functionalization of Mg-Based Stents. Crystals, 2022, 12, 1761.	2.2	1

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19	Fabrication of novel buckypaper metal oxide nano-catalysis glycerol carbonate/MWCNTs membrane for efficient removal of heavy metals. <i>Heliyon</i> , 2022, 8, e12633.	3.2	3
20	The characteristics of green-synthesized Magnesium oxide nanoparticles (MgONPs) and their biomedical applications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 23, .	2.4	0
21	Pluronic f127 encapsulated titanium dioxide nanoparticles: Evaluation of physiochemical properties for biological applications. <i>Journal of Molecular Liquids</i> , 2023, 379, 121655.	4.9	12
22	Chemical synthesis of magnesium oxide (MgO) from brine towards minimal energy consumption. <i>Desalination</i> , 2023, 556, 116594.	8.2	9
23	Recent advances in green synthesized nanoparticles for bactericidal and wound healing applications. <i>Heliyon</i> , 2023, 9, e13128.	3.2	25
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28	Enhanced photocatalytic activity of methylene blue dye by DIFS synthesized pure and Mn doped MgO nanostructures. <i>Optik</i> , 2023, 283, 170869.	2.9	4
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36	Phytoextract-mediated synthesis of magnesium oxide nanoparticles using <i>Caccinia macranthera</i> extract and examination of their photocatalytic and anticancer effects. <i>Materials Research Bulletin</i> , 2024, 169, 112514.	5.2	2

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38	Surface engineering of tin dioxide through chitosan: Band-gap tuning of spherical structure with oxygen vacancies for enhanced antibacterial therapeutic effects. <i>Journal of Industrial and Engineering Chemistry</i> , 2024, 130, 255-265.	5.8	1
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47	Gold Nanoparticles as Antibacterial and Antiviral Agents: Biomedical Applications and Theranostic Potential. <i>Nanotechnology in the Life Sciences</i> , 2024, , 19-45.	0.6	0
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