

# CITATION REPORT

List of articles citing

**Mechanistic investigation into antibacterial behaviour of suspensions of ZnO nanoparticles against E. coli**

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361	Synthesis, characterisation and dispersion of zinc oxide nanorods for biomedical applications. <b>2010</b> , 5, 355		9
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179	In vitro Antibacterial and Anticancer Potential of CeO <sub>2</sub> Nanoparticles Prepared by Co-precipitation and Green Synthesis Method. <b>2017</b> , 02,	12
178	Bionanocomposites for Food Packaging Applications. <b>2017</b> , 363-379	24
177	Efficacy of Different Nanoparticles in Mitigating Gaseous Emissions from Liquid Dairy Manure Stored Under Anaerobic Condition. <b>2017</b> ,	
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175	Biosynthesis of Zinc Oxide Nanoparticles and Assay of Antibacterial Activity. <b>2017</b> , 13, 63-69	17
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171	A review of physiochemical and photocatalytic properties of metal oxides against Escherichia coli. <b>2018</b> , 360, 306-315	23
170	Unexpected insights into antibacterial activity of zinc oxide nanoparticles against methicillin resistant Staphylococcus aureus (MRSA). <b>2018</b> , 10, 4927-4939	129
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167	Fates and Impacts of Nanomaterial Contaminants in Biological Wastewater Treatment System: a Review. <b>2018</b> , 229, 1	20
166	Inherent health and environmental risk assessment of nanostructured metal oxide production processes. <b>2018</b> , 190, 73	3
165	Preparation and characterization of ZnO-PP nanocomposite fibers and non-woven fabrics. <b>2018</b> , 109, 1152-1158	9

164	Immobilization of ZnO on Chitosan-Neem seed composite for enhanced thermal and antibacterial activity. <b>2018</b> , 29, 1445-1454		22
163	Performance of ceramic disk filter coated with nano ZnO for removing Escherichia coli from water in small rural and remote communities of developing regions. <i>Environmental Pollution</i> , <b>2018</b> , 238, 52-62	9.3	48
162	Synthesis Photocatalytic TiO <sub>2</sub> /ZnO Nanocomposite and Investigation through Anatase, Wurtzite and ZnTiO <sub>3</sub> Phases Antibacterial Behaviors. <i>Journal of Nano Research</i> , <b>2018</b> , 51, 69-77	1	7
161	Aluminum-doped zinc oxide coatings on polylactic acid films for antimicrobial food packaging. <b>2018</b> , 645, 187-192		49
160	Photocatalytic, hydrophobic and antimicrobial characteristics of ZnO nano needle embedded cement composites. <b>2018</b> , 158, 285-294		57
159	In situ synthesis of ZnO Nanoparticles on plasma treated cotton fabric utilizing durable antibacterial activity. <b>2018</b> , 15, 639-647		16
158	Molecular aspects of core-shell intrinsic defect induced enhanced antibacterial activity of ZnO nanocrystals. <b>2018</b> , 13, 43-68		63
157	Effect of size and shape on toxicity of zinc oxide (ZnO) nanomaterials in human peripheral blood lymphocytes. <b>2018</b> , 28, 87-94		19
156	. <b>2018</b> ,		4
155	Influence of transition metal ion Ni <sup>2+</sup> on optical, electrical, magnetic and antibacterial properties of phyto-synthesized CuO nanostructure. <b>2018</b> , 50, 1		11
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151	Active Packaging. <b>2018</b> , 173-202		6
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149	Green synthesis of ZnO and ZnO/CuO nanocomposites in Mentha longifolia leaf extract: characterization and their application as anti-bacterial agents. <b>2018</b> , 29, 13596-13605		35
148	Microorganism control and product quality improvement of Twice-cooked pork dish using ZnO nanoparticles combined radio frequency pasteurization. <b>2018</b> , 95, 65-71		12
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145	Evaluation of novel synergistic antimicrobial activity of nisin, lysozyme, EDTA nanoparticles, and/or ZnO nanoparticles to control foodborne pathogens on minced beef. <b>2018</b> , 92, 249-254		26
144	Montmorillonite Composite Materials and Food Packaging. <b>2018</b> , 1-71		1
143	Biosynthesis of zinc oxide nanoparticles using culture filtrates of <i>Aspergillus niger</i> : Antimicrobial textiles and dye degradation studies. <b>2018</b> , 3, 48-55		98
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141	Silver nanoparticle embedded copper oxide as an efficient core-shell for the catalytic reduction of 4-nitrophenol and antibacterial activity improvement. <b>2018</b> , 47, 9143-9155		36
140	The Importance of Antibacterial Surfaces in Biomedical Applications. <b>2018</b> , 28, 115-165		20
139	ZnO Nanoporous Spheres with Broad-Spectrum Antimicrobial Activity by Physicochemical Interactions. <b>2018</b> , 1, 3214-3225		25
138	Facile green synthesis of zinc oxide nanoparticles (ZnO NPs): antibacterial and photocatalytic activities. <b>2019</b> , 6, 1050b4		23
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132	Will the antimicrobial properties of ZnONPs turn it into a more suitable option than AgNPs for water filtration? Comparative study in the removal of fish pathogen, <i>Aeromonas hydrophila</i> from the culture of juvenile common carp ( <i>Cyprinus carpio</i> ). <b>2019</b> , 26, 30907-30920		3
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130	Inactivating pathogenic bacteria in greywater by biosynthesized Cu/Zn nanoparticles from secondary metabolite of <i>Aspergillus iizukae</i> ; optimization, mechanism and techno economic analysis. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221522	3.7	14
129	Synthesis, characterization, toxicological and antibacterial activity evaluation of Cu@ZnO nanocomposites. <i>Ceramics International</i> , <b>2019</b> , 45, 17476-17488	5.1	13

128	Bioinspired Zinc Oxide Nanoparticles Using <i>Lycopersicon esculentum</i> for Antimicrobial and Anticancer Applications. <b>2019</b> , 30, 1465-1479		24
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113	Cytotoxicity of Bacteriostatic Reduced Graphene Oxide-Based Copper Oxide Nanocomposites. <b>2019</b> , 71, 294-301		5
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111	Study of the photocatalysis and increase of antimicrobial properties of Fe <sup>3+</sup> and Pb <sup>2+</sup> co-doped ZnO nanoparticles obtained by microwave-assisted hydrothermal method. <b>2019</b> , 93, 123-133		34



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109	Comparative dissolution, uptake, and toxicity of zinc oxide particles in individual aquatic species and mixed populations. <b>2019</b> , 38, 591-602		30
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106	Construction of Bi <sub>2</sub> WO <sub>6</sub> /TiO <sub>2</sub> /starch nanocomposite films for visible-light catalytic degradation of ethylene. <b>2019</b> , 88, 92-100		45
105	Nanoparticles in mitigating gaseous emissions from liquid dairy manure stored under anaerobic condition. <b>2019</b> , 76, 26-36		12
104	Gum arabic as natural stabilizing agent in green synthesis of ZnO nanofluids for antibacterial application. <b>2020</b> , 8, 103331		23
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87	Nanomaterials for removal of waterborne pathogens. <b>2020</b> , 385-432		16
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84	Nanomaterials/microorganism-integrated microbiotic nanomedicine. <b>2020</b> , 32, 100854		19
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78	Correlative ex situ and Liquid-Cell TEM Observation of Bacterial Cell Membrane Damage Induced by Rough Surface Topology. <b>2020</b> , 15, 1929-1938		8
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75	Exploring Microbial Nanotoxicity Against Drug Resistance in Bacteria. <b>2021</b> , 139-170		

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72	Assessment of Antimicrobial, Antiviral and Cytotoxic Potential of Alginate Beads Cross-Linked by Bivalent Ions for Vaginal Administration. <b>2021</b> , 13,		1
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70	Nanoscaled Zinc Oxide Prepared by Mono-amino Acid Templated Assembly and Their Superior Biological Properties. 1		0
69	ZnO-based nanoparticles for wastewater treatment: A review. <b>2021</b> , 485-507		0
68	Gelatin-Based Nanocomposites: A Review. 1-49		7
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65	Novel Strategies to Combat Bacterial Biofilms. <b>2021</b> , 63, 569-586		6
64	Antimicrobial Nanofiber Based Filters for High Filtration Efficiency Respirators. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	11
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61	The Study on Molecular Profile Changes of Pathogens via Zinc Nanocomposites Immobilization Approach. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
60	Enhanced Optical and Antibacterial Activity of Hydrothermally Synthesized Cobalt-Doped Zinc Oxide Cylindrical Microcrystals. <i>Materials</i> , <b>2021</b> , 14,	3.5	5
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49	Nanotechnology and Plant Disease Diagnosis and Management. <b>2020</b> , 101-123		4
48	Recent Advances in Development of Antimicrobial Textiles. <b>2020</b> , 129-168		3
47	The assessment of antibiofilm activity of chitosan-zinc oxide-gentamicin nanocomposite on <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> . <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 2248-2258	7.9	11
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45	Synthesis and Characterization of Onion Mediated Silver Doped Zinc Oxide Nanoparticles. <i>International Journal of Scientific Research in Science, Engineering and Technology</i> , <b>2018</b> , 111-120	0.1	1
44	Preparation and Antibacterial Performances of Electrocatalytic Zinc Oxide Nanoparticles with Diverse Morphologies. <i>Journal of Biomedical Nanotechnology</i> , <b>2021</b> , 17, 1824-1829	4	1
43	A Facile Approach to Fabricating Antibacterial Textile with High Efficiency and Compact Process. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2101197	4.6	2
42	Synergistic Effect of Tea-Phytochemicals, Noble Metals and ZnO Nano-Photo-Composites for Combating Resistance of Bacterial Growth. <i>Journal of Nano Research</i> , 70, 53-66	1	
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40	Laser-assisted preparation of complex colloidal nanostructures by nanosecond ablation in liquid. <b>2019</b> ,		
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38	Pasteurization of flavored shredded pork using ZnO nanoparticles combined with radio frequency pasteurization technology. <i>Journal of Food Science and Technology</i> , <b>2021</b> , 58, 216-222	3.3	2
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36	Antibacterial Potential of Spinel Ferrites: Current and Future Prospects. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , <b>2021</b> , 205-232	0.4	
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26	Recent Advances in the Applications of Green Synthesized Nanoparticle Based Nanofluids for the Environmental Remediation.. <i>Current Pharmaceutical Biotechnology</i> , <b>2022</b> ,	2.6	1
25	A Review on Silver and Zinc Oxide Nanoparticles as Antimicrobial Agents in Water Treatment Technologies. <i>Nano LIFE</i> ,	0.9	0
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18	Fabrication of a TiO <sub>2</sub> @Cu CoreShell Nanorod Array as Coating for Titanium Substrate with Mechanical and Chemical Dual Antibacterial Property. <i>ACS Applied Bio Materials</i> , <b>2022</b> , 5, 3349-3359	4.1	0
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