

# Structural, Optical and Antibacterial Activity Studies on Different Types of Green Synthesized ZnO Nanoparticles

Journal of Inorganic and Organometallic Polymers and Materials  
33, 1855-1867

DOI: [10.1007/s10904-023-02622-y](https://doi.org/10.1007/s10904-023-02622-y)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The effect of low concentrations of polypyrrole on the structural, thermal, and dielectric characteristics of CMC/PPy blends. <i>Journal of Materials Science: Materials in Electronics</i> , 2023, 34, .	2.2	6
2	Effect of Ag/CuS nanoparticles loading to enhance linear/nonlinear spectroscopic and electrical characteristics of PVP/PVA blends for flexible optoelectronics. <i>Journal of Vinyl and Additive Technology</i> , 2024, 30, 230-243.	3.4	4
3	Mussel Shell-Supported Yttrium-Doped Bi <sub>2</sub> MoO <sub>6</sub> Composite with Superior Visible-Light Photocatalytic Performance. <i>Water (Switzerland)</i> , 2023, 15, 3478.	2.7	0
4	In Situ Construction of Near-Infrared Response Hybrid Up-Conversion Photocatalyst for Degrading Organic Dyes and Antibiotics. <i>Molecules</i> , 2023, 28, 6674.	3.8	0
5	Mn-NSC co-doped modified biochar/permonosulfate system for degradation of ciprofloxacin in wastewater. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2024, 680, 132640.	4.7	0
6	Improved electrochemical performance of bio-derived plasticized starch/ reduced graphene oxide/ molybdenum disulfide ternary nanocomposite for flexible energy storage applications. <i>Scientific Reports</i> , 2023, 13, .	3.3	0
7	Potential perspectives on the use of poly (vinyl alcohol)/graphene oxide nanocomposite films and its characterization. <i>Journal of Food Measurement and Characterization</i> , 0, , .	3.2	0
8	Enhancing corrosion inhibition of zinc with biomimetic slippery liquid-infused porous surfaces (SLIPS): An on-site fabrication strategy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2024, 681, 132779.	4.7	1
9	Ameliorating and tuning the optical, dielectric, and electrical properties of hybrid conducting polymers/metal oxide nanocomposite for optoelectronic applications. <i>Materials Chemistry and Physics</i> , 2024, 313, 128788.	4.0	2
11	Novel rich aromatic and phosphorus-containing compound cured epoxy resins toward outstanding comprehensive performances. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2024, 683, 133008.	4.7	0
12	Fabrication of soft blended- TiO <sub>2</sub> /V/TBAI nanocomposite polymers: new trend of structural, optical and dielectric analysis for polymeric devices. <i>Optical and Quantum Electronics</i> , 2024, 56, .	3.3	2
13	Preparation and exploration of optical performance of novel polythiophene-ZrO <sub>2</sub> composites. <i>Optical and Quantum Electronics</i> , 2024, 56, .	3.3	0
14	Nanocomposites comprising PVA/CMC matrix and CNTs/Fe <sub>2</sub> O <sub>3</sub> nanohybrid: A comparative investigation of structural, optical, electrical, and dielectric properties as an application in advanced electrochemical and optoelectronic devices. <i>Materials Chemistry and Physics</i> , 2024, 315, 128971.	4.0	1
15	Formation of zinc oxide composites of doxycycline with high antibacterial activity based on DC-magnetron deposition of ZnO nanoscale particles on the drug surface. <i>Applied Physics A: Materials Science and Processing</i> , 2024, 130, .	2.3	0
16	Evaluation and Analyzing the Linear Optical Properties of Polymer/Al-Ag-ZnO Nanocomposites. <i>Plasmonics</i> , 0, , .	3.4	0
17	Investigation of linear and nonlinear optical characterization of triple blended polymers incorporated with varying content of eriochrome black T dye for low-cost optical technologies and limiting absorption. <i>Materials Science in Semiconductor Processing</i> , 2024, 175, 108179.	4.0	0
18	Investigations on Chemically Synthesized Pure and Doped Manganese Dioxide Nanoparticles for Dye Removal and Photocatalytic Applications. <i>Journal of Fluorescence</i> , 0, , .	2.5	0
19	Tuning the Structural, Mechanical, Thermal and Electrical Properties of in-Situ Polymerized Polyindole/Carboxymethyl Chitosan/Nickel Oxide Blend Nanocomposites for Energy Storage Applications. <i>Journal of Polymers and the Environment</i> , 0, , .	5.0	0