CITATION REPORT List of articles citing



DOI: 10.1080/15376516.2018.1553221 Toxicology Mechanisms and Methods, 2019, 29, 300-311.

Source: https://exaly.com/paper-pdf/74782967/citation-report.pdf

Version: 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper IF	Citations
119	Role of Autophagy in Zinc Oxide Nanoparticles-Induced Apoptosis of Mouse LEYDIG Cells. 2019 , 20,	33
118	NPs-TiO and Lincomycin Coexposure Induces DNA Damage in Cultured Human Amniotic Cells. 2019 , 9,	18
117	The Comet Assay as a Tool to Detect the Genotoxic Potential of Nanomaterials. 2019 , 9,	13
116	A Brief Review about the Role of Nanomaterials, Mineral-Organic Nanoparticles, and Extra-Bone Calcification in Promoting Carcinogenesis and Tumor Progression. 2019 , 7,	4
115	Application of ZnO-Based Nanocomposites for Vaccines and Cancer Immunotherapy. 2019 , 11,	14
114	An insight on the mutagenicity and cytotoxicity of zinc oxide nanoparticles in Gallus gallus domesticus (Phasianidae). 2019 , 231, 10-19	15
113	Cytotoxicity, mutagenicity, oxidative stress and mitochondrial impairment in human hepatoma (HepG2) cells exposed to copper oxide, copper-iron oxide and carbon nanoparticles. 2020 , 189, 109982	21
112	The aging brain: impact of heavy metal neurotoxicity. 2020 , 50, 801-814	9
111	Protective Impact of Edaravone Against ZnO NPs-induced Oxidative Stress in the Human Neuroblastoma SH-SY5Y Cell Line. 2020 , 1	3
110	Comparison of antibacterial and cytotoxic activities of phytosynthesized ZnONPs by leaves extract of Daphne mucronata at different salt sources. 2020 , 1-13	14
109	Benefits at the nanoscale: a review of nanoparticle-enabled processes favouring microbial growth and functionality. 2020 , 22, 3633-3649	5
108	Zinc Oxide Nanoparticles Induce Ferroptotic Neuronal Cell Death in vitro and in vivo. 2020 , 15, 5299-5315	13
107	Comparative effects of TiO and ZnO nanoparticles on growth and ultrastructure of ovarian antral follicles. 2020 , 96, 399-412	5
106	Nanosystems against candidiasis: a review of studies performed over the last two decades. 2020 , 46, 508-547	13
105	Zinc ferrate nanoparticles for applications in medicine: synthesis, physicochemical properties, regulation of macrophage functions, and safety evaluation. 2020 , 14, 1381-1398	1
104	Zinc oxide nanoparticles effectively regulate autophagic cell death by activating autophagosome formation and interfering with their maturation. 2020 , 17, 46	10
103	In Vitro Cytotoxicity Effects of Zinc Oxide Nanoparticles on Spermatogonia Cells. 2020, 9,	17

(2021-2020)

102	A combined microRNA and proteome profiling to investigate the effect of ZnO nanoparticles on neuronal cells. 2020 , 14, 757-773	5
101	Resveratrol Inhibits Oxidative Stress and Prevents Mitochondrial Damage Induced by Zinc Oxide Nanoparticles in Zebrafish (). 2020 , 21,	25
100	A Review of Microwave Synthesis of Zinc Oxide Nanomaterials: Reactants, Process Parameters and Morphoslogies. 2020 , 10,	102
99	Microstructure Characterisation and Identification of the Mechanical and Functional Properties of a New PMMA-ZnO Composite. 2020 , 13,	3
98	Zinc oxide nanoparticles exposure-induced oxidative stress restricts cranial neural crest development during chicken embryogenesis. 2020 , 194, 110415	10
97	Thermodynamic Parameters at Bio-Nano Interface and Nanomaterial Toxicity: A Case Study on BSA Interaction with ZnO, SiO, and TiO. 2020 , 33, 2054-2071	9
96	Fabrication, functionalization and performance of doped photocatalysts for dye degradation and mineralization: a review. 2020 , 18, 1825-1903	18
95	Protective effect of the NAC and Sal on zinc oxide nanoparticles-induced reproductive and development toxicity in pregnant mice. 2020 , 143, 111552	5
94	Zinc Oxide Nanocrystals and High-Energy Shock Waves: A New Synergy for the Treatment of Cancer Cells. 2020 , 8, 577	16
93	A minimally invasive clinical model to test sunscreen toxicity based on oxidative stress levels using microbiopsy and confocal microscopy - a proof of concept study. 2020 , 42, 462-470	2
92	Mechano-Informed Biomimetic Polymer Scaffolds by Incorporating Self-Powered Zinc Oxide Nanogenerators Enhance Motor Recovery and Neural Function. 2020 , 16, e2000796	38
91	Exposure to low dose ZnO nanoparticles induces hyperproliferation and malignant transformation through activating the CXCR2/NF- B /STAT3/ERK and AKT pathways in colonic mucosal cells. 2020 , 263, 114578	4
90	Neutrophil activation by nanomaterials: comparing strengths and limitations of primary human cells with those of an immortalized (HL-60) cell line. 2021 , 15, 1-20	7
89	In Vitro Three-Dimensional Liver Models for Nanomaterial DNA Damage Assessment. 2021 , 17, e2006055	8
88	Sufficiency and toxicity limits of metallic oxide nanoparticles in the biosphere. 2021 , 145-221	2
87	Zinc-based nanomaterials: Biosafety, risk management, and regulatory aspects. 2021 , 589-629	
86	Towards Zero Zinc Oxide: Feeding Strategies to Manage Post-Weaning Diarrhea in Piglets. 2021 , 11,	19
85	Nonspherical Metal-Based Nanoarchitectures: Synthesis and Impact of Size, Shape, and Composition on Their Biological Activity. 2021 , 17, e2007073	9

84	Nanomaterials in Wound Healing and Infection Control. 2021 , 10,	20
83	Repeated intratracheal instillation of zinc oxide nanoparticles induced pulmonary damage and a systemic inflammatory response in cynomolgus monkeys. 2021 , 15, 621-635	2
82	Antimicrobial Effect of Chitosan Films on Food Spoilage Bacteria. 2021 , 22,	5
81	Nanoencapsulation of thyme essential oil: a new avenue to enhance its protective role against oxidative stress and cytotoxicity of zinc oxide nanoparticles in rats. 2021 , 28, 52046-52063	1
80	Thermodynamic and anticancer properties of inorganic zinc oxide nanoparticles synthesized through co-precipitation method. 2021 , 330, 115602	5
79	Protective Effect of Zinc Oxide and Its Association with Neutrophil Degranulation in Piglets Infected with Porcine Epidemic Diarrhea Virus. 2021 , 2021, 3055810	O
78	Transition Metals Doped Nanocrystals: Synthesis, Characterization, and Applications.	
77	Fabrication of Paper Sheets Coatings Based on Chitosan/Bacterial Nanocellulose/ZnO with Enhanced Antibacterial and Mechanical Properties. 2021 , 22,	3
76	Endoplasmic reticulum stress-related calcium imbalance plays an important role on Zinc oxide nanoparticles-induced failure of neural tube closure during embryogenesis. 2021 , 152, 106495	6
75	Antiprotozoal and anthelmintic activity of zinc oxide nanoparticles. 2021,	O
74	State of the Art on Toxicological Mechanisms of Metal and Metal Oxide Nanoparticles and Strategies to Reduce Toxicological Risks. 2021 , 9,	2
73	Safe-by-design gelatin-modified zinc oxide nanoparticles. 2021 , 23, 1	
72	Brain-Targeted Polysorbate 80-Emulsified Donepezil Drug-Loaded Nanoparticles for Neuroprotection. 2021 , 16, 132	2
71	Genotoxic Potential of Nanoparticles: Structural and Functional Modifications in DNA. 2021 , 12, 728250	6
70	Striking Back against Fungal Infections: The Utilization of Nanosystems for Antifungal Strategies. 2021 , 22,	3
69	Geraniol improved memory impairment and neurotoxicity induced by zinc oxide nanoparticles in male wistar rats through its antioxidant effect. 2021 , 282, 119823	5
68	Genotoxic and mutagenic effects of zinc oxide nanoparticles and zinc chloride on tadpoles of Lithobates catesbeianus (Anura: Ranidae). 2020 , 14, 100356	2
67	Cell growth on electrospun nanofiber mats from polyacrylonitrile (PAN) blends. 2020 , 7, 43-54	17

(2021-2021)

66	Sex-Dependent Bioaccumulation of Nano Zinc Oxide and Its Adverse Effects on Sexual Behavior and Reproduction in Japanese Medaka 2021 , 4, 7408-7421	О
65	Micronutrient imbalance and common phenotypes in neural tube defects. 2021 , 59, e23455	2
64	Effect of estrogens and their metabolites genotoxicity on the pathogenesis and progression of estrogen-dependent breast cancer. 2019 , 73, 909-919	1
63	Molecular nature of cytotoxicity of zinc oxide nanostructures. 2020 , 64, 448-456	0
62	Toxicity of Metallic Nanoparticles. 2021 , 109-136	
61	Edible ligand-metal-organic frameworks: Synthesis, structures, properties and applications. 2022 , 450, 214234	3
60	Ūmekan hijyen koŪllar⊞ā artt⊞masāda antibakteriyel duvar boyasāBā etkinliŪhin deBrlendirilmesi.	
59	Potency shift in immunomodulatory activities of zinc oxide (ZnO) nanoparticles in THP-1 cells is associated with cytotoxicity. 2021 , 8, 205-213	
58	The cytotoxicity of zinc oxide nanoparticles to 3D brain organoids results from excessive intracellular zinc ions and defective autophagy. 2021 , 1	3
57	Review on Nanoparticles and Nanostructured Materials: Bioimaging, Biosensing, Drug Delivery, Tissue Engineering, Antimicrobial, and Agro-Food Applications 2022 , 12,	28
56	Protective Effects of Zinc on Salmonella Invasion, Intestinal Morphology and Immune Response of Young Pigeons Infected with Salmonella enterica Serovar Typhimurium 2022 , 1	0
55	Effects of Zinc Oxide Nanoparticles on Model Systems of the Intestinal Barrier 2022, 10,	O
54	Evaluation of the Performance of a ZnO-Nanoparticle-Coated Hydrocolloid Patch in Wound Healing 2022 , 14,	2
53	SPECIFIC TOXICITY OF NANOPARTICLES (REVIEW). 2022, 76-88	
52	Alginate Biofunctional Films Modified with Melanin from Watermelon Seeds and Zinc Oxide/Silver Nanoparticles 2022 , 15,	1
51	Overcoming Multidrug Resistance of Antibiotics via Nanodelivery Systems 2022, 14,	1
50	Design strategies for antiviral coatings and surfaces: A review. 2022 , 8, 100224	3
49	NANOPARTŒULAS: EFECTOS EN LA SALUD HUMANA Y EL MEDIO AMBIENTE. 2021 , 15,	

48	Engineered nanomaterials induce alterations in biological barriers: focus on paracellular permeability. 2021 ,	1
47	Esitosterol in Various Pathological Conditions: An Update. 2021 , 18,	
46	Table_1.DOCX. 2020 ,	
45	Electrospun Membrane Surface Modification by Sonocoating with HA and ZnO:Ag Nanoparticles-Characterization and Evaluation of Osteoblasts and Bacterial Cell Behavior In Vitro 2022 , 11,	1
44	The High-Throughput In Vitro CometChip Assay for the Analysis of Metal Oxide Nanomaterial Induced DNA Damage. 2022 , 12, 1844	О
43	Natural product-based nanomedicine applied to fungal infection treatment: A review of the last 4 years.	
42	Biodegradable PLA-ZnO nanocomposite biomaterials with antibacterial properties, tissue engineering viability, and enhanced biocompatibility. 2022 , 100004	О
41	A pivotal role of selective autophagy in mitochondrial quality control: Implications for zinc oxide nanoparticles induced neurotoxicity. 2022 , 110003	
40	An Overview of the Importance of Transition-Metal Nanoparticles in Cancer Research. 2022, 23, 6688	2
39	Lethality of Zinc Oxide Nanoparticles Surpasses Conventional Zinc Oxide via Oxidative Stress, Mitochondrial Damage and Calcium Overload: A Comparative Hepatotoxicity Study. 2022 , 23, 6724	О
38	Preparation of an Intelligent pH Film Based on Biodegradable Polymers for Monitoring the Food Quality and Reducing the Microbial Contaminants. 2022 , 2022, 1-12	
37	Polysaccharide-based Nanocomposites for Biomedical Applications: A Critical Review.	1
36	Single and combined nanotoxicity of ZnO nanoparticles and graphene quantum dots against the microalga Heterosigma akishiwo.	O
35	Zinc oxide nanoparticles synthesized using Hyssopus Officinalis L. Extract Induced oxidative stress and changes the expression of key genes involved in inflammatory and antioxidant Systems. 2022 , 55,	1
34	Neurotoxicity Evaluation of Nanomaterials Using C. elegans: Survival, Locomotion Behaviors, and Oxidative Stress. 2022 , 2,	О
33	Microbial Mediated Synthesis of Zinc Oxide Nanoparticles, Characterization and Multifaceted Applications.	1
32	In vitro review of nanoparticles attacking macrophages: Interaction and cell death. 2022, 120840	1
31	Nanoparticle Effects on Stress Response Pathways and Nanoparticle B rotein Interactions. 2022 , 23, 7962	1

(2022-2022)

30	Effect of Different Dietary Zinc Sources on Growth, Element Deposition, Antioxidation, Lipid Metabolism, and Related Gene Expression in Hybrid Grouper (? Epinephelus fuscoguttatus [] E. lanceolatus). 2022 , 2022, 1-11	0
29	Protective role of Nrf2 in zinc oxide nanoparticles-induced lung inflammation in female mice and sexual dimorphism in susceptibility. 2022 , 370, 24-34	O
28	Oxidative stress-related canonical pyroptosis pathway, as a target of liver toxicity triggered by zinc oxide nanoparticles. 2023 , 442, 130039	2
27	DBDPE and ZnO NPs synergistically induce neurotoxicity of SK-N-SH cells and activate mitochondrial apoptosis signaling pathway and Nrf2-mediated antioxidant pathway. 2023 , 441, 129872	O
26	Oxidative stressThediated nanotoxicity. 2022 , 179-218	O
25	Zinc oxide nanoparticles induce toxicity in H9c2 rat cardiomyoblasts.	Ο
24	Recent trends in green synthesis of silver, gold, and zinc oxide nanoparticles and their application in nanosciences and toxicity: a review.	O
23	Assessment of multiple biomarkers in Lithobates catesbeianus (Anura: Ranidae) tadpoles exposed to zinc oxide nanoparticles and zinc chloride: integrating morphological and behavioral approaches to ecotoxicology.	O
22	Study on the biological effects of ZnO nanosheets on EBL cells. 10,	Ο
21	Zinc Oxide Nanoparticles Induce Toxicity in H9c2 Rat Cardiomyoblasts. 2022 , 23, 12940	1
20	The Impact of Metal Nanoparticles on Female Reproductive System: Risks and Opportunities. 2022 , 19, 13748	O
19	Yeast-Fermented Rapeseed Meal Extract Is Able to Reduce Inflammation and Oxidative Stress Caused by Escherichia coli Lipopolysaccharides and to Replace ZnO in Caco-2/HTX29 Co-Culture Cells. 2022 , 23, 11640	1
18	Nanoformulation Safety versus Toxicity; What do the Recent Studies Tell Us?. 2022, 11, 60-71	O
17	ZnO nanoparticle modified chitosan/borosilicate bioglass composite scaffold for inhibiting bacterial infection and promoting bone regeneration. 2022 , 17, 065023	O
16	Nanoparticle-Based Delivery Systems for Vaccines. 2022 , 10, 1946	5
15	Multiple generation exposure to ZnO nanoparticles induces loss of genomic integrity in Caenorhabditis elegans. 2023 , 249, 114383	O
14	Development of Ag-ZnO/AgO Nanocomposites Effectives for Leishmania braziliensis Treatment. 2022 , 14, 2642	О
13	Disruption of the lung-gut-brain axis is responsible for cortex damage induced by pulmonary exposure to zinc oxide nanoparticles. 2022 , 153390	O

12	Insecticidal activity of metallic nanopesticides synthesized from natural resources: A review.	O
11	Electrospun Polycaprolactone/ZnO Nanocomposite Membranes with High Antipathogen Activity. 2022 , 14, 5364	O
10	Nanomaterials in the Human Food Chain. 2023 , 489-524	0
9	N-acetyl-L-cysteine attenuated the toxicity of ZIF-8 on EA.hy926 endothelial cells by wnt/Etatenin pathway. 2023 , 88, 105553	O
8	Zinc oxide nanoparticles trigger dysfunction of mitochondrial respiratory complexes and repair dynamics in human alveolar cells. 074823372311529	0
7	The Role of Zinc in Bone Tissue Health and Regeneration∃ Review.	0
6	Food-Grade Metal Oxide Nanoparticles Exposure Alters Intestinal Microbial Populations, Brush Border Membrane Functionality and Morphology, In Vivo (Gallus gallus). 2023 , 12, 431	0
5	Non-ROS-Mediated Cytotoxicity of ZnO and CuO in ML-1 and CA77 Thyroid Cancer Cell Lines. 2023 , 24, 4055	O
4	Transcriptomic Profiling the Effects of Airway Exposure of Zinc Oxide and Silver Nanoparticles in Mouse Lungs. 2023 , 24, 5183	O
3	Review of Zinc Oxide Nanoparticles: Toxicokinetics, Tissue Distribution for Various Exposure Routes, Toxicological Effects, Toxicity Mechanism in Mammals, and an Approach for Toxicity Reduction.	O
2	Toxic potential indicator. 2023 , 551-574	0
1	The versatility of green synthesized zinc oxide nanoparticles in sustainable agriculture: A review on metal-microbe interaction that rewards agriculture. 2023 , 102023	O