

Toxicological Evaluation of SiO₂ Nanoparticles by Zebra

International Journal of Molecular Sciences

20, 882

DOI: [10.3390/ijms20040882](https://doi.org/10.3390/ijms20040882)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Chronic exposure of the freshwater alga <i>Pseudokirchneriella subcapitata</i> to five oxide nanoparticles: Hazard assessment and cytotoxicity mechanisms. <i>Aquatic Toxicology</i> , 2019, 214, 105265.	1.9	17
2	Rice Husk Silica Enhances Innate Immune in Zebrafish (<i>Danio rerio</i>) and Improves Resistance to <i>Aeromonas hydrophila</i> and <i>Streptococcus iniae</i> Infection. <i>Sustainability</i> , 2019, 11, 6504.	1.6	5
3	Influence of silicon dioxide nanoparticles on the fertility of heifers in frontal insemination. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 341, 012082.	0.2	0
4	Biocompatible functionalized AuPd bimetallic nanoparticles decorated on reduced graphene oxide sheets for photothermal therapy of targeted cancer cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 212, 112028.	1.7	33
5	Toxicity of nanoplastics during the embryogenesis of the ascidian <i>Ciona robusta</i> (Phylum Chordata). <i>Nanotoxicology</i> , 2020, 14, 1415-1431.	1.6	30
6	Performance of mycelial biomass and exopolysaccharide from Malaysian <i>Ganoderma lucidum</i> for the fungivore red hybrid <i>Tilapia</i> (<i>Oreochromis</i> sp.) in Zebrafish embryo. <i>Aquaculture Reports</i> , 2020, 17, 100322.	0.7	18
7	Role of GH/IGF axis in arsenite-induced developmental toxicity in zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110820.	2.9	24
8	Barrier function of zebrafish embryonic chorions against microplastics and nanoplastics and its impact on embryo development. <i>Journal of Hazardous Materials</i> , 2020, 395, 122621.	6.5	157
9	Functionalized Surface-Charged SiO ₂ Nanoparticles Induce Pro-Inflammatory Responses, but Are Not Lethal to Caco-2 Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 1226-1236.	1.7	7
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11	Thymol-Loaded Biogenic Silica Nanoparticles in an Aquatic Environment: The Impact of Particle Aggregation on Ecotoxicity. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 333-341.	2.2	3
12	Developmental neurotoxicity fingerprint of silica nanoparticles at environmentally relevant level on larval zebrafish using a neurobehavioral-phenomics-based biological warning method. <i>Science of the Total Environment</i> , 2021, 752, 141878.	3.9	11
13	Induced pluripotent stem cell-derived vascular networks to screen nano-bio interactions. <i>Nanoscale Horizons</i> , 2021, 6, 245-259.	4.1	7
14	Effects of SiO ₂ nanoparticles on the uptake of tetrabromobisphenol A and its impact on the thyroid endocrine system in zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111845.	2.9	20
15	Characterization and Biotechnological Potential of Intracellular Polyhydroxybutyrate by <i>Stigeoclonium</i> sp. B23 Using Cassava Peel as Carbon Source. <i>Polymers</i> , 2021, 13, 687.	2.0	7
16	Hazardous Effects of SiO ₂ Nanoparticles on Liver and Kidney Functions, Histopathology Characteristics, and Transcriptomic Responses in Nile Tilapia (<i>Oreochromis niloticus</i>) Juveniles. <i>Biology</i> , 2021, 10, 183.	1.3	21
17	Toxicological effects of nanoplastics and phenanthrene to zebrafish (<i>Danio rerio</i>). <i>Gondwana Research</i> , 2022, 108, 127-132.	3.0	14
18	Toxicological assessment of CeO ₂ nanoparticles on early development of zebrafish. <i>Toxicology Research</i> , 2021, 10, 570-578.	0.9	8

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19	Micro and Nano Plastics Distribution in Fish as Model Organisms: Histopathology, Blood Response and Bioaccumulation in Different Organs. Applied Sciences (Switzerland), 2021, 11, 5768.	1.3	59
20	Zebrafish Models for the Safety and Therapeutic Testing of Nanoparticles with a Focus on Macrophages. Nanomaterials, 2021, 11, 1784.	1.9	15
21	Machine Learning in Drug Discovery: A Review. Artificial Intelligence Review, 2022, 55, 1947-1999.	9.7	170
22	Imaging of the internal chorion structure of rainbow trout <i>Oncorhynchus mykiss</i> live embryos and the distribution of quantum dots therein: Towards a deeper understanding of potential nanotoxicity. Science of the Total Environment, 2021, 785, 147302.	3.9	6
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24	Ecotoxicity of silica nanoparticles in aquatic organisms: An updated review. Environmental Toxicology and Pharmacology, 2021, 87, 103689.	2.0	29
25	Zebrafish as a Model Organism to Study Nanomaterial Toxicity. Emerging Science Journal, 2019, 3, 195-208.	1.4	19
26	Toxic effects of SiO ₂ NPs in early embryogenesis of <i>Xenopus laevis</i> . Chemosphere, 2022, 289, 133233.	4.2	9
27	Nanoantibiotics to fight multidrug resistant infections by Gram-positive bacteria: hope or reality?. Biotechnology Advances, 2022, 57, 107948.	6.0	23
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30	A pH- and redox-stimulated responsive hollow mesoporous silica for triggered delivery of fungicides to control downy mildew of <i>Luffa cylindrica</i> . Pest Management Science, 2022, 78, 3365-3375.	1.7	13
31	Toxic effects of polystyrene nanoplastics and polybrominated diphenyl ethers to zebrafish (<i>Danio rerio</i>). Environmental Toxicology and Chemistry, 2022, 41, 100116.	1.6	19
32	Application progress of nanotechnology in regenerative medicine of diabetes mellitus. Diabetes Research and Clinical Practice, 2022, 190, 109966.	1.1	3
33	Metal oxide nanoparticles in oil drilling: Aquatic toxicological concerns. Journal of Hazardous Materials Advances, 2022, 7, 100116.	1.2	2
34	Neurotoxicity of tetrabromobisphenol A and SiO ₂ nanoparticle co-exposure in zebrafish and barrier function of the embryonic chorion. Science of the Total Environment, 2022, 845, 157364.	3.9	11
35	Neuro- and hepato-toxicity of polystyrene nanoplastics and polybrominated diphenyl ethers on early life stages of zebrafish. Science of the Total Environment, 2023, 857, 159567.	3.9	20
37	On the In Vitro and In Vivo Hazard Assessment of a Novel Nanomaterial to Reduce the Use of Zinc Oxide in the Rubber Vulcanization Process. Toxics, 2022, 10, 781.	1.6	1

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38	Application of transgenic zebrafish for investigating inflammatory responses to nanomaterials: Recommendations for new users. <i>F1000Research</i> , 0, 12, 51.	0.8	0
39	Embryotoxicity of silica nanoparticles in the drug delivery of domperidone in zebrafish. <i>Aquatic Toxicology</i> , 2023, 258, 106454.	1.9	0
40	Nanotechnology to the Rescue: Therapeutic Strategies Based on Brown Algae for Neurodegenerative Diseases. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 1883.	1.3	4
41	Zn-Al layered double hydroxides induce embryo malformations and impair locomotion behavior in <i>Danio rerio</i> . <i>NanoImpact</i> , 2023, 30, 100457.	2.4	3