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## Toxicity of silver nanoparticles in zebrafish models

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783	Toxicity assessments of multisized gold and silver nanoparticles in zebrafish embryos. <b>2009</b> , 5, 1897-910		494
782	Anti-proliferative activity of silver nanoparticles. <b>2009</b> , 10, 65		438
781	Silver nanoparticles: green synthesis and their antimicrobial activities. <b>2009</b> , 145, 83-96		2615
780	Toxicity and developmental defects of different sizes and shape nickel nanoparticles in zebrafish. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6349-56	10.3	205
779	Oxidative stress-dependent toxicity of silver nanoparticles in human hepatoma cells. <b>2009</b> , 23, 1076-84		691
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420	Behavioural toxicity assessment of silver ions and nanoparticles on zebrafish using a locomotion profiling approach. <b>2016</b> , 173, 143-153	49
419	Surface modification of TiO <sub>2</sub> coatings by Zn ion implantation for improving antibacterial activities. <b>2016</b> , 39, 285-291	8
418	Nanofertilisers, Nanopesticides, Nanosensors of Pest and Nanotoxicity in Agriculture. <b>2016</b> , 307-330	73
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416	Ultrastructural hepatocytic alterations induced by silver nanoparticle toxicity. <b>2016</b> , 40, 92-100	15
415	Potentiometric Determination of Silver Nanoparticles using Silver Amalgam Electrodes. <b>2016</b> , 49, 161-168	3
414	Silver nanoparticles in aquatic environments: Physiochemical behavior and antimicrobial mechanisms. <b>2016</b> , 88, 403-427	201
413	Effect of Chemical Synthesis Silver Nanoparticles on Germination Indices and Seedlings Growth in Seven Varieties of <i>Lycopersicon esculentum</i> Mill (tomato) Plants. <b>2016</b> , 27, 327-340	23
412	Co-exposure of ZnO nanoparticles and UV radiation to <i>Daphnia magna</i> and <i>Danio rerio</i> : Combined effects rather than protection. <b>2016</b> , 35, 458-67	8
411	Evaluation and removal of emerging nanoparticle contaminants in water treatment: a review. <b>2016</b> , 57, 11221-11232	27
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409	Toxicological evaluation of silver nanoparticles and silver nitrate in rats following 28 days of repeated oral exposure. <b>2017</b> , 32, 609-618	27

408	Mechanisms of silver nanoparticles induced hypopigmentation in embryonic zebrafish. <b>2017</b> , 184, 49-60	17
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406	Digestive cell lysosomes as main targets for Ag accumulation and toxicity in marine mussels, <i>Mytilus galloprovincialis</i> , exposed to maltose-stabilised Ag nanoparticles of different sizes. <i>Nanotoxicology</i> , <b>2017</b> , 11, 168-183	5.3 28
405	<i>C. elegans</i> -on-a-chip for in situ and in vivo Ag nanoparticles' uptake and toxicity assay. <b>2017</b> , 7, 40225	30
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399	Selective laser melting porous metallic implants with immobilized silver nanoparticles kill and prevent biofilm formation by methicillin-resistant <i>Staphylococcus aureus</i> . <b>2017</b> , 140, 1-15	123
398	Genotoxicity and oxidative stress in fish after a short-term exposure to silver nanoparticles. <b>2017</b> , 76, 230-239	56
397	Twisting electrospun nanofiber fine strips into functional sutures for sustained co-delivery of gentamicin and silver. <b>2017</b> , 13, 1435-1445	39
396	Toxicity of nano- and ionic silver to embryonic stem cells: a comparative toxicogenomic study. <b>2017</b> , 15, 31	34
395	Transmission electron microscopy artifacts in characterization of the nanomaterial-cell interactions. <b>2017</b> , 101, 5469-5479	3
394	Protein Corona Analysis of Silver Nanoparticles Exposed to Fish Plasma. <b>2017</b> , 4, 174-179	44
393	Differential dissolution and toxicity of surface functionalized silver nanoparticles in small-scale microcosms: impacts of community complexity. <b>2017</b> , 4, 359-372	30
392	Green synthesis of silver nanoparticles using $\beta$ -glucan, and their incorporation into doxorubicin-loaded water-in-oil nanoemulsions for antitumor and antibacterial applications. <b>2017</b> , 47, 179-186	31
391	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. <b>2017</b> , 64, 732-756	179

390	A purely green synthesis of silver nanoparticles using <i>Carica papaya</i> , <i>Manihot esculenta</i> , and <i>Morinda citrifolia</i> : synthesis and antibacterial evaluations. <b>2017</b> , 40, 1349-1361		26
389	Life Cycle Assessment and Release Studies for 15 Nanosilver-Enabled Consumer Products: Investigating Hotspots and Patterns of Contribution. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 7148-7158	10.3	54
388	Synthesis of magnetic nanoparticles and their dispersions with special reference to applications in biomedicine and biotechnology. <b>2017</b> , 79, 901-916		62
387	Teratogenic hazard of BPEI-coated silver nanoparticles to <i>Xenopus laevis</i> . <i>Nanotoxicology</i> , <b>2017</b> , 11, 405-418	5.3	13
386	Signaling pathways involved in metal-based nanomaterial toxicity towards aquatic organisms. <b>2017</b> , 196, 61-70		9
385	Toxicity of <i>Camellia sinensis</i> -Fabricated Silver Nanoparticles on Invertebrate and Vertebrate Organisms: Morphological Abnormalities and DNA Damages. <b>2017</b> , 28, 2027-2040		24
384	Silver Nanoparticles and Metallic Silver Interfere with the Griess Reaction: Reduction of Azo Dye Formation via a Competing Sandmeyer-Like Reaction. <b>2017</b> , 30, 1030-1037		8
383	An assessment of the importance of exposure routes to the uptake and internal localisation of fluorescent nanoparticles in zebrafish ( <i>Danio rerio</i> ), using light sheet microscopy. <i>Nanotoxicology</i> , <b>2017</b> , 11, 351-359	5.3	38
382	Antioxidant, antibacterial and cytotoxic potential of silver nanoparticles synthesized using terpenes rich extract of <i>L. leaves</i> . <b>2017</b> , 10, 76-81		84
381	High purity silver microcrystals recovered from silver wastes by eco-friendly process using hydrogen peroxide. <i>Chemosphere</i> , <b>2017</b> , 178, 249-258	8.4	17
380	New Research in Ionizing Radiation and Nanoparticles: The ARGENT Project. <b>2017</b> , 379-434		1
379	Size-Based Analysis of Au NPs by Online Monolithic Capillary Microextraction-ICPMS. <b>2017</b> , 89, 560-564		10
378	Complex conductivity response to silver nanoparticles in partially saturated sand columns.. <b>2017</b> , 137, 73-81		7
377	Developmental toxicity of 2,4-dichlorophenoxyacetic acid in zebrafish embryos. <i>Chemosphere</i> , <b>2017</b> , 171, 40-48	8.4	80
376	Development of Redox Nanomedicine for Gastrointestinal Complications via Oral Administration Route. <b>2017</b> , 47-67		3
375	Biogenic silver nanoparticles from <i>Trichodesma indicum</i> aqueous leaf extract against <i>Mythimna separata</i> and evaluation of its larvicidal efficacy. <b>2017</b> , 57, 194-200		25
374	Acute and long-term effects of trophic exposure to silver nanospheres in the central nervous system of a neotropical fish <i>Hoplias intermedius</i> . <b>2017</b> , 63, 146-154		12
373	Altered physiochemical properties in industrially synthesized ZnO nanoparticles regulate oxidative stress; induce in vivo cytotoxicity in embryonic zebrafish by apoptosis. <b>2017</b> , 7, 13909		53



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371	Effects of Surface Coating on the Bioactivity of Metal-Based Engineered Nanoparticles: Lessons Learned from Higher Plants. <b>2017</b> , 43-61		3
370	In vivo assessment of hair cell damage and developmental toxicity caused by gestational caffeine exposure using zebrafish ( <i>Danio rerio</i> ) models. <b>2017</b> , 64, 1-7		13
369	Toxicological evaluation and effective dose selection of eurycomanone, a quassinoid of <i>Eurycoma longifolia</i> plant in fishes. <b>2017</b> , 481, 94-102		9
368	Assessment of the permeability and toxicity of polymeric nanocapsules using the zebrafish model. <b>2017</b> , 12, 2069-2082		25
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363	Effect of Filler Properties on the Antioxidant Response of Thermoplastic Starch Composites. <b>2017</b> , 337-369		27
362	Comparison of acute to chronic ratios between silver and gold nanoparticles, using <i>Ceriodaphnia dubia</i> . <i>Nanotoxicology</i> , <b>2017</b> , 11, 1127-1139	5.3	6
361	Nanomaterials: Properties, Toxicity, Safety, and Drug Delivery. <b>2017</b> , 363-381		1
360	Related Topic: Safety Evaluation of Nanomaterials. <b>2017</b> , 313-322		0
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319	Environmental Nanotechnology. <b>2018</b> , 1-32		

318	Mucus and microbiota as emerging players in gut nanotoxicology: The example of dietary silver and titanium dioxide nanoparticles. <b>2018</b> , 58, 1023-1032		50
317	PLGA nanoparticles for intravitreal peptide delivery: statistical optimization, characterization and toxicity evaluation. <b>2018</b> , 23, 324-333		18
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315	Alteration in DNA structure, molecular responses and Na <sup>+</sup> -K <sup>+</sup> -ATPase activities in the gill of Nile tilapia, <i>Oreochromis niloticus</i> (Linnaeus, 1758) in response to sub-lethal verapamil. <b>2018</b> , 147, 809-816		10
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311	Evaluation of antibacterial activity and toxic metal removal of chemically synthesized magnetic iron oxide titanium coated nanoparticles and application in bacterial treatment. <b>2018</b> , 53, 205-212		3
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307	Migration From Metal Packaging Into Food. <b>2018</b> ,		1
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305	Effect of feeding of cyclopoid copepods ( <i>Eucyclop</i> sp.) exposed to engineered titanium dioxide nanoparticles (nTiO <sub>2</sub> ) and Lead (Pb <sup>2+</sup> ) on <i>Clarias gariepinus</i> growth and metabolism. <b>2018</b> , 79,		4
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303	Environmental pollution and toxic substances: Cellular apoptosis as a key parameter in a sensible model like fish. <b>2018</b> , 204, 144-159		36
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301	Toxicity of Metal/Metal Oxide Nanoparticles and Their Future Prospects. <b>2018</b> , 141-164		0

300	Molecular investigation to RNA and protein based interaction induced in vivo biocompatibility of phytofabricated AuNP with embryonic zebrafish. <b>2018</b> , 46, S671-S684		20
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298	Oral Biofilms: From Development to Assessment and Treatment. <b>2018</b> , 217-246		1
297	Pristine graphene induces cardiovascular defects in zebrafish ( <i>Danio rerio</i> ) embryogenesis. <i>Environmental Pollution</i> , <b>2018</b> , 243, 246-254	9-3	33
296	The Importance of Screening Information Data Set in Nanotechnology. <b>2018</b> , 197-216		
295	Reaction-based colorimetric and ratiometric fluorescent probe for highly selective detection of silver ions. <b>2018</b> , 270, 562-569		26
294	Safety evaluation of the temporary consolidant based on a zebrafish embryo model. <b>2018</b> , 51, 50-53		2
293	Transformation and Speciation Analysis of Silver Nanoparticles of Dietary Supplement in Simulated Human Gastrointestinal Tract. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 8792-8800	10-3	30
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291	Constraints and Priorities for Conducting Experimental Exposures of Marine Organisms to Microplastics. <b>2018</b> , 5,		113
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284	Toxicological Assessment of a Lignin Core Nanoparticle Doped with Silver as an Alternative to Conventional Silver Core Nanoparticles. <b>2018</b> , 7,		10
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281	Recent Progress in Metal-Based Nanoparticles Mediated Photodynamic Therapy. <b>2018</b> , 23,		53
280	A review on silver nanoparticles-induced ecotoxicity and the underlying toxicity mechanisms. <b>2018</b> , 98, 231-239		49
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278	The Biogenic Synthesis of Silver Nanoparticles as a Method for Recovering Silver from Secondary Sources Using Extracts from Indigenous Australian Plants. <b>2018</b> , 103-147		2
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276	Zebrafish sperm activation through an artificial cilia embedded serpentine microfluidic platform. <b>2018</b> ,		1
275	Silver nanoparticle-induced nephrotoxicity in <i>Clarias gariepinus</i> : physio-histological biomarkers. <b>2019</b> , 45, 1895-1905		11
274	An ethnobotanical study of medicinal plants used to treat skin diseases in northern Pakistan. <b>2019</b> , 19, 210		20
273	Toxic effects of silver and copper nanoparticles on lateral-line hair cells of zebrafish embryos. <b>2019</b> , 215, 105273		14
272	Hazardous effects of silver nanoparticles for primary producers in transitional water systems: The case of the seaweed <i>Ulva rigida</i> C. Agardh. <b>2019</b> , 131, 104942		7
271	Silver nanoparticle exposure impairs ion regulation in zebrafish embryos. <b>2019</b> , 214, 105263		12
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268	Safety assessment of antibiotic administration by magnetic nanoparticles in in vitro zebrafish liver and intestine cultures. <b>2019</b> , 224, 108559		2
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266	Toxicity of nanoparticles_ challenges and opportunities. <b>2019</b> , 49, 2		12
265	Biochemical response of the clam <i>Ruditapes philippinarum</i> to silver (AgD and AgNPs) exposure and application of an integrated biomarker response approach. <b>2019</b> , 152, 104783		5

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262	Elemental Silver Nanoparticles: Biosynthesis and Bio Applications. <i>Materials</i> , <b>2019</b> , 12,	3-5	17
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260	Functionalized silver nanoparticles depress aerobic metabolism in the absence of overt toxicity in brackish water killifish, <i>Fundulus heteroclitus</i> . <b>2019</b> , 213, 105221		7
259	Nanosupplements and Animal Health. <b>2019</b> , 749-764		2
258	Comparative multi-generation study on long-term effects of pristine and wastewater-borne silver and titanium dioxide nanoparticles on key lifecycle parameters in <i>Daphnia magna</i> . <b>2019</b> , 14, 100163		21
257	A repertoire of biomedical applications of noble metal nanoparticles. <b>2019</b> , 55, 6964-6996		139
256	Silver nanoparticles testicular toxicity in rat. <b>2019</b> , 70, 103194		14
255	Silver nanoparticles induce abnormal touch responses by damaging neural circuits in zebrafish embryos. <i>Chemosphere</i> , <b>2019</b> , 229, 169-180	8.4	13
254	The toxicity of coated silver nanoparticles to <i>Daphnia carinata</i> and trophic transfer from alga <i>Raphidocelis subcapitata</i> . <b>2019</b> , 14, e0214398		25
253	Protective effect of dietary vitamin E on immunological and biochemical induction through silver nanoparticles (AgNPs) inclusion in diet and silver salt (AgNO) exposure on Zebrafish ( <i>Danio rerio</i> ). <b>2019</b> , 222, 100-107		26
252	Nano Silver: Environmental Health Effects. <b>2019</b> , 560-562		
251	Pyrolysis preparation of poly- $\gamma$ -glutamic acid derived amorphous carbon nitride for supporting Ag and $\gamma$ -FeO nanocomposites with catalytic and antibacterial activity. <b>2019</b> , 101, 138-147		10
250	RNA-sequencing reveals a multitude of effects of silver nanoparticles on <i>Pseudomonas aeruginosa</i> biofilms. <b>2019</b> , 6, 1812-1828		16
249	Lignin for Nano- and Microscaled Carrier Systems: Applications, Trends, and Challenges. <b>2019</b> , 12, 2039-2054		117
248	Toxicity of silver nanoparticles in mouse bone marrow-derived dendritic cells: Implications for phenotype. <b>2019</b> , 16, 54-62		12
247	Let's get small (and smaller): Combining zebrafish and nanomedicine to advance neuroregenerative therapeutics. <b>2019</b> , 148, 344-359		3

246	Sugarcane juice stability in plastic bottle treated with silver and zinc oxide. <b>2019</b> , 32, 155-161		3
245	Synergistic effects of Pb and repeated heat pulse on developmental neurotoxicity in zebrafish. <b>2019</b> , 172, 460-470		22
244	Contaminants of Emerging Concern: Occurrence, Fate, and Remediation. <b>2019</b> , 67-114		10
243	Comparative extraction of Salmonella bongori derived metabolites and their toxicity on bacterial pathogens, mosquito-larvae, zebrafish-embryo and brine-shrimp: A modified approach. <b>2019</b> , 169, 192-206		3
242	Comparison between various concentrations of commercial and synthesized silver nanoparticles on biochemical parameters and growth of Stevia rebaudiana B.. <b>2019</b> , 24, 141-152		6
241	Possible involvement of Fas/FasL-dependent apoptotic pathway in Bisabolol induced cardiotoxicity in zebrafish embryos. <i>Chemosphere</i> , <b>2019</b> , 219, 557-566	8.4	12
240	A review of optical methods for continuous glucose monitoring. <b>2019</b> , 54, 543-572		42
239	The case for thyroid disruption in early life stage exposures to thiram in zebrafish (Danio rerio). <b>2019</b> , 271, 73-81		12
238	Hollow selenium nanoparticles from potato extract and investigation of its biological properties and developmental toxicity in zebrafish embryos. <b>2019</b> , 13, 275-281		9
237	Zebrafish as a preclinical in vivo screening model for nanomedicines. <b>2019</b> , 151-152, 152-168		67
236	3D printed electronic materials and devices. <b>2019</b> , 309-334		8
235	Phytotoxicity of Silver Nanoparticles to Aquatic Plants, Algae, and Microorganisms. <b>2019</b> , 143-168		12
234	Fabrication and in vitro behavior of dual-function chitosan/silver nanocomposites for potential wound dressing applications. <b>2019</b> , 94, 750-765		29
233	Chromatographic Methods for the Determination of Emerging Contaminants in Natural Water and Wastewater Samples: A Review. <b>2019</b> , 49, 160-186		27
232	Polymer Composites Containing Functionalized Nanoparticles and the Environment. <b>2019</b> , 437-466		2
231	Function indices of liver and kidney and haematological parameters of male Wistar rats after oral administration of aqueous extract of Terminalia avicennioides root barks. <b>2019</b> , 28, 305-310		1
230	The role of nanostructures in various wound dressings. <b>2019</b> , 489-508		2
229	Engineered nanomaterials for water decontamination and purification: From lab to products. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 363, 295-308	12.8	104



228	Pistacia integerrima gall extract mediated green synthesis of gold nanoparticles and their biological activities. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 2310-2319	5.9	42
227	Trends in aquaculture sciences: from now to use of nanotechnology for disease control. <b>2019</b> , 11, 119-132		41
226	Evaluation of biological and cytocompatible properties in nano silver-clay based polyethylene nanocomposites. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 384, 121309	12.8	12
225	Inhibitory effect of metals on animal and plant glutathione transferases. <b>2020</b> , 57, 48-56		13
224	Enhanced cancer therapy of celastrol in vitro and in vivo by smart dendrimers delivery with specificity and biosafety. <b>2020</b> , 383, 123228		16
223	Metal nanoparticles for management of mycotoxigenic fungi and mycotoxicosis diseases of animals and poultry. <b>2020</b> , 251-269		3
222	Application of bacterial cellulose-silver nanoprism composite for detoxification of endosulfan and inactivation of Escherichia coli cells. <b>2020</b> , 17, 1713-1726		8
221	In Vivo Toxicity Assessment of Laminarin Based Silver Nanoparticles from Turbinaria ornata in Adult Zebrafish (Danio rerio). <b>2020</b> , 31, 185-195		2
220	Molecular (Raman, NIR, and FTIR) spectroscopy and multivariate analysis in consumable products analysis1. <b>2020</b> , 55, 647-723		14
219	Transformation of microbiota of fish intestines and gills against the background of molybdenum oxide nanoparticles in environment. <b>2020</b> , 17, 721-732		4
218	Synthesis of silver nanoparticles using oxidized amylose and combination with curcumin for enhanced antibacterial activity. <b>2020</b> , 230, 115573		26
217	Green Synthesis and Characterization of Silver Nanoparticles (AgNPs) Using Leaf Extract of Solanum nigrum and Assessment of Toxicity in Vertebrate and Invertebrate Aquatic Animals. <b>2020</b> , 31, 989-1002		10
216	A preliminary study of the interactions between microplastics and citrate-coated silver nanoparticles in aquatic environments. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 385, 121601	12.8	38
215	Critical evaluation of migration studies of silver nanoparticles present in food packaging: a systematic review. <b>2020</b> , 60, 3083-3102		11
214	CdTe quantum dots prepared using herbal species and microorganisms and their anti-cancer, drug delivery and antibacterial applications; a review. <b>2020</b> , 46, 9979-9989		13
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212	What happens to silver-based nanoparticles if they meet seawater?. <b>2020</b> , 171, 115399		12
211	Toxicological study of metal and metal oxide nanoparticles in zebrafish. <b>2020</b> , 40, 37-63		67

210	Visible-light reduced silver nanoparticles' toxicity in <i>Allium cepa</i> test system. <i>Environmental Pollution</i> , <b>2020</b> , 257, 113551	9.3	10
209	Anti-Parkinson's disease activity of phenolic acids from <i>Eucommia ulmoides</i> Oliver leaf extracts and their autophagy activation mechanism. <b>2020</b> , 11, 1425-1440		25
208	Antibacterial effects of silver incorporated zeolite coatings on 3D printed porous stainless steels. <b>2020</b> , 108, 110430		14
207	An Updated Review of Toxicity Effect of the Rare Earth Elements (REEs) on Aquatic Organisms. <b>2020</b> , 10,		28
206	Looking at Silver-Based Nanoparticles in Environmental Water Samples: Repetitive Cloud Point Extraction Bridges Gaps in Electron Microscopy for Naturally Occurring Nanoparticles. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 12063-12071	10.3	5
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202	Fluorescent carbon dots are the new quantum dots: an overview of their potential in emerging technologies and nanosafety. <b>2020</b> , 55, 15074-15105		13
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197	High-throughput preparation of radioprotective polymers via Hantzsch's reaction for in vivo X-ray damage determination. <b>2020</b> , 11, 6214		13
196	Combating silver nanoparticle-mediated toxicity in <i>Drosophila melanogaster</i> with curcumin. <b>2021</b> , 41, 1188-1199		2
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193	Nanomaterials and nanocomposite applications in veterinary medicine. <b>2020</b> , 583-638		2

192	PH-Responsive, Cell-Penetrating, Core/Shell Magnetite/Silver Nanoparticles for the Delivery of Plasmids: Preparation, Characterization, and Preliminary Evaluation. <b>2020</b> , 12,		11
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190	Nanoparticles induced embryo-fetal toxicity. <b>2020</b> , 36, 181-213		8
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180	Selective inactivation of Gram-negative bacteria by carbon dots derived from natural biomass: <i>Artemisia argyi</i> leaves. <b>2020</b> , 8, 2666-2672		17
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167	Neurotoxic effects in zebrafish embryos by valproic acid and nine of its analogues: the fish-mouse connection?. <b>2021</b> , 95, 641-657	6
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165	Mechanisms underlying the anticancer applications of biosynthesized nanoparticles. <b>2021</b> , 229-248	4
164	Novel nanoparticle-based treatment approaches. <b>2021</b> , 281-343	
163	Nanoparticles: Sources and Toxicity. <b>2021</b> , 217-232	1
162	Zebrafish Models of Nanotoxicity: A Comprehensive Account. <b>2021</b> , 53-72	
161	Recent advances in nanotechnology-based cell toxicity evaluation approaches relevant to biofuels and bioenergy applications. <b>2021</b> , 713-735	
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159	Potential and Risk of Nanotechnology Application in Agriculture vis-à-vis Nanomicro-nutrient Fertilizers. <b>2021</b> , 513-552	0
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157	Evaluation of Nanotoxicity Using Zebrafish: Preclinical Model. <b>2021</b> , 173-197	1

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150	Characterizing the effects of titanium dioxide and silver nanoparticles released from painted surfaces due to weathering on zebrafish (). <i>Nanotoxicology</i> , <b>2021</b> , 15, 527-541	5-3	1
149	The toxico-transcriptomic analysis of nano-copper oxide on gazami crab: especially focus on hepatopancreas and gill.		
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143	Evaluation of Maghemite Nanoparticles-Induced Developmental Toxicity and Oxidative Stress in Zebrafish Embryos/Larvae. <b>2021</b> , 1		4
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141	Enhancing SERS detection on a biocompatible metallic substrate for diabetes diagnosing. <b>2021</b> , 46, 3801-3804		1
140	High-Carbohydrate Diet Alleviates the Oxidative Stress, Inflammation and Apoptosis of Following Dietary Exposure to Silver Nanoparticles. <b>2021</b> , 10,		3
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134	Plant response to silver nanoparticles: a critical review. <b>2021</b> , 1-18		20
133	Biochemical and histological alterations induced by nickel oxide nanoparticles in the ground beetle <i>Blaps polychresta</i> (Forskl, 1775) (Coleoptera: Tenebrionidae). <b>2021</b> , 16, e0255623		1
132	A Multi-Life Stage Comparison of Silver Nanoparticle Toxicity on the Early Development of Three Canadian Fish Species. <b>2021</b> , 40, 3337-3350		1
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130	Nanoparticles: Promising Tools for the Treatment and Prevention of Myocardial Infarction. <b>2021</b> , 16, 6719-6747		1
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125	Biosynthesized Metallic Nanoparticles as Emerging Cancer Theranostics Agents. <b>2019</b> , 229-244		4
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122	Microbial Synthesis of Silver Nanoparticles and Their Biological Potential. <b>2020</b> , 99-133		12
121	Zebrafish: A Laboratory Model to Evaluate Nanoparticle Toxicity. <b>2020</b> , 371-399		3

120	Zebrafish Model System to Investigate Biological Activities of Nanoparticles. <b>2020</b> , 177-194		1
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118	Advanced tracking system of multiple Artemia and various behavioral endpoints for ecotoxicological analysis. <b>2020</b> , 116, 106503		2
117	Characterization and applications of silver nanoparticles-decorated electrospun nanofibers loaded with polyphenolic extract from rambutan ( <i>Nepelium lappaceum</i> ). <b>2020</b> , 11, 100687		8
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115	Machine learning predictions of concentration-specific aggregate hazard scores of inorganic nanomaterials in embryonic zebrafish. <i>Nanotoxicology</i> , <b>2021</b> , 15, 446-476	5.3	4
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113	Agglomeration of Silver Nanoparticles in Sea Urchin.		2
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111	Nanoparticles for Fuel Cell Applications. <b>2016</b> , 167-190		1
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109	Effects of silver nanoparticle exposure on germination and early growth of eleven wetland plants. <b>2012</b> , 7, e47674		233
108	Morphological and proteomic responses of <i>Eruca sativa</i> exposed to silver nanoparticles or silver nitrate. <b>2013</b> , 8, e68752		168
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105	Exploring the Potential of Plant-Derived Natural Products beyond Functional Food: Applications in Nanomedicine. <b>2015</b> , 2,		3
104	Recent Advances in the Use of Metallic Nanoparticles with Antitumoral Action - Review. <b>2019</b> , 26, 2108-2146		13
103	Implications of Metal Nanoparticles on Aquatic Fauna: A Review. <b>2018</b> , 9, 30-43		5

102	Nanotoxicity Assessment: A Necessity. <b>2020</b> , 10, 248-265	1
101	Maternal Responses and Adaptive Changes to Environmental Stress via Chronic Nanomaterial Exposure: Differences in Inter and Transgenerational Interclonal Broods of. <b>2020</b> , 22,	2
100	Ecotoxicity Effects of Nanomaterials on Aquatic Organisms. 330-351	4
99	Prenatal Exposure to Silver Nanoparticles Causes Depression Like Responses in Mice. <b>2015</b> , 77, 681-6	13
98	Green Synthesis and Characterization of Gold Nanoparticles: Study of Its Biological Mechanism in Human SUDHL-4 Cell Line. <b>2014</b> , 04, 360-375	29
97	The physical aspect of the effects of metal nanoparticles on biological systems. Spin supercurrents. <b>2014</b> , 2, 1	3
96	A review of the effects of metallic nanoparticles on fish. <b>2021</b> , 90, 331-347	3
95	Magnesium oxide nanoparticles and their ecotoxicological effect on edaphic organisms in tropical soil. <b>2021</b> ,	0
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93	Engineered Nanomaterials. 287-318	
92	Effect of silver nanoparticles on rabbit gametes in vitro and fertilization processes in vivo. <b>2013</b> , 15, 126-133	
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90	Soft Matter Composites Interfacing with Biomolecules, Cells, and Tissues. <b>2014</b> , 29-76	
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88	Comment réduire l'impact des rejets urbains d'une agglomération sur le milieu récepteur ?. <b>2016</b> , 79-97	
87	Ecotoxicity Effects of Nanomaterials on Aquatic Organisms. <b>2017</b> , 1442-1464	
86	Surface enhanced Raman spectroscopy for malaria diagnosis and intradermal measurements. <b>2018</b> ,	
85	Optimization of Culture Media Formulations for Micropropagation of <i>Lepisanthes fruticosa</i> . <i>Biosciences, Biotechnology Research Asia</i> , <b>2018</b> , 15, 51-58	0.5 3



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83	Environmental Nanotechnology. <b>2019</b> , 2159-2189		
82	Biofabrication of Nanoparticles Using Fungi. <b>2019</b> , 53-73		
81	Incubation media modify silver nanoparticle toxicity for whitefish () and roach () embryos. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2021</b> , 1-20	3.2	0
80	Combined toxicity of polystyrene microplastics and sulfamethoxazole on zebrafish embryos. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	1
79	An Overview of Nanotoxicological Effects Towards Plants, Animals, Microorganisms and Environment. <i>Engineering Materials</i> , <b>2020</b> , 113-146	0.4	1
78	Toxicity of silver nanoparticles in the aquatic system. <b>2022</b> , 627-647		1
77	Genotoxicity of Silver Nanoparticles (Ag-NPs) in In Vitro and In Vivo Models. <b>2020</b> , 269-281		1
76	Regulatory Considerations for Safety of Nanomaterials. <b>2020</b> , 431-450		
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72	Imperative role of electron microscopy in toxicity assessment: A review.. <i>Microscopy Research and Technique</i> , <b>2021</b> ,	2.8	2
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67	Toxicity of micro and nano tire particles and leachate for model freshwater organisms.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 429, 128319	12.8	3

66	ZnO nanostructured materials and their potential applications: progress, challenges and perspectives. <i>Nanoscale Advances</i> ,	5.1	11
65	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications.. <i>Materials</i> , <b>2022</b> , 15,	3.5	13
64	Toxicokinetics of silver in the goldfish <i>Carassius auratus</i> under simultaneous waterborne and diet-borne exposures to silver nanoparticles.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> ,	5.1	0
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