

Subacute toxicity of nano-selenium compared to other

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cerebrospinal fluid of newly diagnosed amyotrophic lateral sclerosis patients exhibits abnormal levels of selenium species including elevated selenite. <i>NeuroToxicology</i> , 2013, 38, 25-32.	1.4	110
2	Which form is that? The importance of selenium speciation and metabolism in the prevention and treatment of disease. <i>Chemical Society Reviews</i> , 2013, 42, 8870.	18.7	478
3	Friend or Foe? The Current Epidemiologic Evidence on Selenium and Human Cancer Risk. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2013, 31, 305-341.	2.9	71
4	Differential protein expression of Caco-2 cells treated with selenium nanoparticles compared with sodium selenite and selenomethionine. <i>Nanoscale Research Letters</i> , 2014, 9, 589.	3.1	9
5	Biogenic Synthesis of Selenium Nanoparticles and Their Effect on As(III)-Induced Toxicity on Human Lymphocytes. <i>Biological Trace Element Research</i> , 2014, 157, 275-283.	1.9	154
6	High Performance Liquid Chromatography Fluorescence Method for the Determination of Seleno-Amino Acids in Ovine Blood Plasma. <i>Analytical Letters</i> , 2014, 47, 377-388.	1.0	5
7	Selenium enrichment of lactic acid bacteria and bifidobacteria: A functional food perspective. <i>Trends in Food Science and Technology</i> , 2014, 39, 135-145.	7.8	71
8	Protective effects of meat from lambs on selenium nanoparticle supplemented diet in a mouse model of polycyclic aromatic hydrocarbon-induced immunotoxicity. <i>Food and Chemical Toxicology</i> , 2014, 64, 298-306.	1.8	47
9	Cellular and nephrotoxicity of selenium species. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 30, 160-170.	1.5	17
10	Preparation of elemental selenium-enriched fermented milk by newly isolated <i>Lactobacillus brevis</i> from kefir grains. <i>International Dairy Journal</i> , 2015, 44, 31-36.	1.5	31
11	Selenium speciation in human serum and its implications for epidemiologic research: a cross-sectional study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 1-10.	1.5	68
12	Inverse relationship between elemental selenium nanoparticle size and inhibition of cancer cell growth in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2015, 85, 71-77.	1.8	64
13	Selenite-stress selected mutant strains of probiotic bacteria for Se source production. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 30, 96-101.	1.5	31
14	Effects of 14-day oral low dose selenium nanoparticles and selenite in rats as determined by metabolite pattern determination. <i>PeerJ</i> , 2016, 4, e2601.	0.9	25
15	In Situ Electron Microscopy of Lactomicroselenium Particles in Probiotic Bacteria. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1047.	1.8	21
16	Long-term mortality patterns in a residential cohort exposed to inorganic selenium in drinking water. <i>Environmental Research</i> , 2016, 150, 348-356.	3.7	40
17	Dietary selenium augments sarcoplasmic calcium release and mechanical performance in mice. <i>Nutrition and Metabolism</i> , 2016, 13, 76.	1.3	27
18	Biogenic selenium nanoparticles: current status and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2555-2566.	1.7	386

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19	Biocompatibility selenium nanoparticles with an intrinsic oxidase-like activity. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	44
20	Protective Role of Selenium Compounds on the Proliferation, Apoptosis, and Angiogenesis of a Canine Breast Cancer Cell Line. <i>Biological Trace Element Research</i> , 2016, 169, 86-93.	1.9	25
21	Response surface design for accumulation of selenium by different lactic acid bacteria. <i>3 Biotech</i> , 2017, 7, 52.	1.1	24
22	Assessment of toxicity of selenium and cadmium selenium quantum dots: A review. <i>Chemosphere</i> , 2017, 188, 403-413.	4.2	80
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25	Chemoprotective and chemosensitizing properties of selenium nanoparticle (Nano-Se) during adjuvant therapy with cyclophosphamide in tumor-bearing mice. <i>Molecular and Cellular Biochemistry</i> , 2017, 424, 13-33.	1.4	48
26	Toxicology evaluation of selenium protein powder. <i>BIO Web of Conferences</i> , 2017, 8, 02009.	0.1	0
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29	Assessment of selenium bioaccumulation in lactic acid bacteria. <i>Journal of Dairy Science</i> , 2018, 101, 10626-10635.	1.4	20
30	Nano-selenium and its nanomedicine applications: a critical review. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2107-2128.	3.3	394
31	Green synthesis and biotransformation of amorphous Se nanospheres to trigonal 1D Se nanostructures: impact on Se mobility within the concept of radioactive waste disposal. <i>Environmental Science: Nano</i> , 2018, 5, 2103-2116.	2.2	67
32	Plant Nutrients and Their Roles Under Saline Soil Conditions. , 2018, , 297-324.		16
33	Subacute oral toxicity investigation of selenium nanoparticles and selenite in rats. <i>Drug and Chemical Toxicology</i> , 2019, 42, 76-83.	1.2	28
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38	Nanoelemental selenium alleviated the mercury load and promoted the formation of high-molecular-weight mercury- and selenium-containing proteins in serum samples from methylmercury-poisoned rats. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 128-133.	2.9	10
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40	Uptake, translocation and biotransformation of selenium nanoparticles in rice seedlings (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61	4.2	61
41	Development and stability of novel selenium colloidal particles complex with peanut meal peptides. <i>LWT - Food Science and Technology</i> , 2020, 126, 109280.	2.5	29
42	Immobilization of mercury by nano-elemental selenium and the underlying mechanisms in hydroponic-cultured garlic plant. <i>Environmental Science: Nano</i> , 2020, 7, 1115-1125.	2.2	28
43	Role of nano-selenium in health and environment. <i>Journal of Biotechnology</i> , 2021, 325, 152-163.	1.9	122
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48	Biosynthesis and Hypoglycemic Potential of Chitosan Nano-selenium In Experimentally Induced Diabetic In Rats. <i>Benha Veterinary Medical Journal</i> , 2021, 40, 99-103.	0.0	0
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50	Evaluation of antidiabetic effect of nanoselenium in STZ induced diabetes in rats. <i>Benha Veterinary Medical Journal</i> , 2021, 40, 75-79.	0.0	0
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53	Functional Food Product Based on Nanoselenium-Enriched <i>Lactobacillus casei</i> against Cadmium Kidney Toxicity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4220.	1.3	10
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57	Supplementation with selenium nanoparticles alleviates diabetic nephropathy during pregnancy in the diabetic female rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 5517-5525.	2.7	13
58	Selenite Downregulates STAT3 Expression and Provokes Lymphocytosis in the Liver of Chronically Exposed Syrian Golden Hamsters. <i>Molecules</i> , 2021, 26, 5614.	1.7	1
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62	Prophylactic impact of nano-selenium on performance, carcasses quality, and tissues' selenium concentration using reversed-phase high-performance liquid chromatography during microbial challenge in broiler chickens. <i>Veterinary World</i> , 2020, 13, 1780-1797.	0.7	7
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74	Sodium Selenite Enhances Antibiotics Sensitivity of <i>Pseudomonas aeruginosa</i> and Decreases Its Pathogenicity by Inducing Oxidative Stress and Inhibiting Quorum Sensing System. <i>Antioxidants</i> , 2021, 10, 1873.	2.2	1
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78	Selenium Effect Threshold for Soil Nematodes Under Rice Biofortification. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	0
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