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List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,171
citations

304743

22
h-index

414414

32
g-index

47
all docs

47
docs citations

47
times ranked

1165
citing authors

#	ARTICLE	IF	CITATIONS
1	From tangled banks to toxic bunnies; a reflection on the issues involved in developing an ecosystem approach for environmental radiation protection. <i>International Journal of Radiation Biology</i> , 2022, 98, 1185-1200.	1.8	17
2	Unusual evolution of tree frog populations in the Chernobyl exclusion zone. <i>Evolutionary Applications</i> , 2022, 15, 203-219.	3.1	12
3	Effects of gamma ionizing radiation exposure on <i>Danio rerio</i> embryo-larval stages - comparison with tritium exposure. <i>Journal of Hazardous Materials</i> , 2021, 408, 124866.	12.4	2
4	Brain Damage and Repair: From Molecular Effects to Central Nervous System Disorders. <i>Biology</i> , 2021, 10, 489.	2.8	0
5	Effects of in vivo exposure to tritium: a multi-biomarker approach using the fathead minnow, <i>Pimephales promelas</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 3612-3623.	5.3	8
6	Effects of tritiated water on locomotion of zebrafish larvae: a new insight in tritium toxic effects on a vertebrate model species. <i>Aquatic Toxicology</i> , 2020, 219, 105384.	4.0	10
7	Dose-dependent genomic DNA hypermethylation and mitochondrial DNA damage in Japanese tree frogs sampled in the Fukushima Daiichi area. <i>Journal of Environmental Radioactivity</i> , 2020, 225, 106429.	1.7	10
8	Ionising Radiation Induces Promoter DNA Hypomethylation and Perturbs Transcriptional Activity of Genes Involved in Morphogenesis during Gastrulation in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4014.	4.1	7
9	Tritiated Water Exposure in Zebrafish (<i>Danio rerio</i>): Effects on the Early Life Stages. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 648-658.	4.3	14
10	Adverse effects induced by chronic gamma irradiation in progeny of adult fish not affecting parental reproductive performance. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2556-2567.	4.3	8
11	Current evidence for a role of epigenetic mechanisms in response to ionizing radiation in an ecotoxicological context. <i>Environmental Pollution</i> , 2019, 251, 469-483.	7.5	39
12	Assessing tritium internalisation in zebrafish early life stages: Importance of rapid isotopic exchange. <i>Journal of Environmental Radioactivity</i> , 2019, 203, 30-38.	1.7	14
13	Correlated responses for DNA damage, phagocytosis activity and lysosomal function revealed in a comparison between field and laboratory studies: Fathead minnow exposed to tritium. <i>Science of the Total Environment</i> , 2019, 662, 990-1002.	8.0	5
14	A systems biology approach reveals neuronal and muscle developmental defects after chronic exposure to ionising radiation in zebrafish. <i>Scientific Reports</i> , 2019, 9, 20241.	3.3	10
15	Transgenerational DNA Methylation Changes in <i>Daphnia magna</i> Exposed to Chronic $\hat{3}$ Irradiation. <i>Environmental Science & Technology</i> , 2018, 52, 4331-4339.	10.0	55
16	Toxicokinetic and toxicodynamic of depleted uranium in the zebrafish, <i>Danio rerio</i> . <i>Aquatic Toxicology</i> , 2018, 197, 9-18.	4.0	16
17	Tritiated water exposure disrupts myofibril structure and induces mis-regulation of eye opacity and DNA repair genes in zebrafish early life stages. <i>Aquatic Toxicology</i> , 2018, 200, 114-126.	4.0	18
18	Carotenoid distribution in wild Japanese tree frogs (<i>Hyla japonica</i>) exposed to ionizing radiation in Fukushima. <i>Scientific Reports</i> , 2018, 8, 7438.	3.3	13

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19	Epigenetic, histopathological and transcriptomic effects following exposure to depleted uranium in adult zebrafish and their progeny. <i>Aquatic Toxicology</i> , 2017, 184, 14-25.	4.0	24
20	Zebrafish exposure to environmentally relevant concentration of depleted uranium impairs progeny development at the molecular and histological levels. <i>PLoS ONE</i> , 2017, 12, e0177932.	2.5	23
21	Effects of radionuclide contamination on leaf litter decomposition in the Chernobyl exclusion zone. <i>Science of the Total Environment</i> , 2016, 562, 596-603.	8.0	36
22	Acclimation capacity of the three-spined stickleback (<i>Gasterosteus aculeatus</i> , L.) to a sudden biological stress following a polymetallic exposure. <i>Ecotoxicology</i> , 2016, 25, 1478-1499.	2.4	17
23	In situ effects of metal contamination from former uranium mining sites on the health of the three-spined stickleback (<i>Gasterosteus aculeatus</i> , L.). <i>Ecotoxicology</i> , 2016, 25, 1234-1259.	2.4	30
24	In situ experiments to assess effects of constraints linked to caging on ecotoxicity biomarkers of the three-spined stickleback (<i>Gasterosteus aculeatus</i> , L.). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 643-657.	2.3	15
25	Depleted uranium induces sex- and tissue-specific methylation patterns in adult zebrafish. <i>Journal of Environmental Radioactivity</i> , 2016, 154, 25-33.	1.7	26
26	Combined effects of alpha particles and depleted uranium on Zebrafish (<i>Danio rerio</i>) embryos. <i>Journal of Radiation Research</i> , 2016, 57, 343-355.	1.6	6
27	Effects of chronic exposure to environmentally relevant concentrations of waterborne depleted uranium on the digestive tract of zebrafish, <i>Danio rerio</i> . <i>Journal of Environmental Radioactivity</i> , 2015, 142, 45-53.	1.7	12
28	DNA alterations and effects on growth and reproduction in <i>Daphnia magna</i> during chronic exposure to gamma radiation over three successive generations. <i>Aquatic Toxicology</i> , 2015, 163, 27-36.	4.0	60
29	Effects of depleted uranium on the reproductive success and F1 generation survival of zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2014, 154, 1-11.	4.0	35
30	Effects of chronic gamma irradiation: a multigenerational study using <i>Caenorhabditis elegans</i> . <i>Journal of Environmental Radioactivity</i> , 2014, 137, 190-197.	1.7	51
31	Low Doses of Gamma-Irradiation Induce an Early Bystander Effect in Zebrafish Cells Which Is Sufficient to Radioprotect Cells. <i>PLoS ONE</i> , 2014, 9, e92974.	2.5	53
32	Effects of Depleted Uranium on Oxidative Stress, Detoxification, and Defence Parameters of Zebrafish <i>Danio rerio</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 64, 140-150.	4.1	30
33	Transmission of DNA damage and increasing reprotoxic effects over two generations of <i>Daphnia magna</i> exposed to uranium. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 231-243.	2.6	24
34	Genotoxic effects of exposure to waterborne uranium, dietary methylmercury and hyperoxia in zebrafish assessed by the quantitative RAPD-PCR method. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 755, 55-60.	1.7	22
35	Comparative genotoxicity of aluminium and cadmium in embryonic zebrafish cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 750, 19-26.	1.7	48
36	Genotoxicity of uranium contamination in embryonic zebrafish cells. <i>Aquatic Toxicology</i> , 2012, 109, 11-16.	4.0	43

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37	Effects of uranium on the metabolism of zebrafish, <i>Danio rerio</i> . <i>Aquatic Toxicology</i> , 2012, 118-119, 9-26.	4.0	40
38	Genotoxic and Reprotoxic Effects of Tritium and External Gamma Irradiation on Aquatic Animals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2012, 220, 67-103.	1.3	20
39	The Effects of Radionuclides on Animal Behavior. <i>Reviews of Environmental Contamination and Toxicology</i> , 2011, 210, 35-58.	1.3	11
40	Uranium bioaccumulation and biological disorders induced in zebrafish (<i>Danio rerio</i>) after a depleted uranium waterborne exposure. <i>Environmental Pollution</i> , 2011, 159, 495-502.	7.5	70
41	Genotoxicity of acute and chronic gamma irradiation on zebrafish cells and consequences for embryo development. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2831-2837.	4.3	54
42	Sublethal Effects of Waterborne Uranium Exposures on the Zebrafish Brain: Transcriptional Responses and Alterations of the Olfactory Bulb Ultrastructure. <i>Environmental Science & Technology</i> , 2010, 44, 1438-1443.	10.0	28
43	Selenate bioaccumulation and toxicity in <i>Chlamydomonas reinhardtii</i> : Influence of ambient sulphate ion concentration. <i>Aquatic Toxicology</i> , 2010, 97, 51-57.	4.0	61
44	Mitochondrial energetic metabolism perturbations in skeletal muscles and brain of zebrafish (<i>Danio rerio</i>) after gamma irradiation. <i>Environmental Science & Technology</i> , 2010, 44, 1438-1443.	4.0	34
45	Ultrastructural effects on gill, muscle, and gonadal tissues induced in zebrafish (<i>Danio rerio</i>) by a waterborne uranium exposure. <i>Aquatic Toxicology</i> , 2010, 100, 295-302.	4.0	33
46	Biodynamics, Subcellular Partitioning, and Ultrastructural Effects of Organic Selenium in a Freshwater Bivalve. <i>Environmental Science & Technology</i> , 2009, 43, 2112-2117.	10.0	7