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List of Publications by Year
in descending order

46	1,171	304743	414414
papers	citations	22 h-index	32 g-index

47	47	47	1165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uranium bioaccumulation and biological disorders induced in zebrafish (Danio rerio) after a depleted uranium waterborne exposure. Environmental Pollution, 2011, 159, 495-502.	7.5	70
2	Selenate bioaccumulation and toxicity in Chlamydomonas reinhardtii: Influence of ambient sulphate ion concentration. Aquatic Toxicology, 2010, 97, 51-57.	4.0	61
3	DNA alterations and effects on growth and reproduction in Daphnia magna during chronic exposure to gamma radiation over three successive generations. Aquatic Toxicology, 2015, 163, 27-36.	4.0	60
4	Transgenerational DNA Methylation Changes in Daphnia magna Exposed to Chronic Î³ Irradiation. Environmental Science & Technology, 2018, 52, 4331-4339.	10.0	55
5	Genotoxicity of acute and chronic gammaâ€irradiation on zebrafish cells and consequences for embryo development. Environmental Toxicology and Chemistry, 2011, 30, 2831-2837.	4.3	54
6	Low Doses of Gamma-Irradiation Induce an Early Bystander Effect in Zebrafish Cells Which Is Sufficient to Radioprotect Cells. PLoS ONE, 2014, 9, e92974.	2.5	53
7	Effects of chronic gamma irradiation: a multigenerational study using Caenorhabditis elegans. Journal of Environmental Radioactivity, 2014, 137, 190-197.	1.7	51
8	Comparative genotoxicity of aluminium and cadmium in embryonic zebrafish cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 750, 19-26.	1.7	48
9	Genotoxicity of uranium contamination in embryonic zebrafish cells. Aquatic Toxicology, 2012, 109, 11-16.	4.0	43
10	Effects of uranium on the metabolism of zebrafish, Danio rerio. Aquatic Toxicology, 2012, 118-119, 9-26.	4.0	40
11	Current evidence for a role of epigenetic mechanisms in response to ionizing radiation in an ecotoxicological context. Environmental Pollution, 2019, 251, 469-483.	7.5	39
12	Effects of radionuclide contamination on leaf litter decomposition in the Chernobyl exclusion zone. Science of the Total Environment, 2016, 562, 596-603.	8.0	36
13	Effects of depleted uranium on the reproductive success and F1 generation survival of zebrafish (Danio rerio). Aquatic Toxicology, 2014, 154, 1-11.	4.0	35
14	Mitochondrial energetic metabolism perturbations in skeletal muscles and brain of zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.0	34
15	Ultrastructural effects on gill, muscle, and gonadal tissues induced in zebrafish (Danio rerio) by a waterborne uranium exposure. Aquatic Toxicology, 2010, 100, 295-302.	4.0	33
16	Effects of Depleted Uranium on Oxidative Stress, Detoxification, and Defence Parameters of Zebrafish Danio rerio. Archives of Environmental Contamination and Toxicology, 2013, 64, 140-150.	4.1	30
17	In situ effects of metal contamination from former uranium mining sites on the health of the three-spined stickleback (Gasterosteus aculeatus, L.). Ecotoxicology, 2016, 25, 1234-1259.	2.4	30
18	Sublethal Effects of Waterborne Uranium Exposures on the Zebrafish Brain: Transcriptional Responses and Alterations of the Olfactory Bulb Ultrastructure. Environmental Science & Technology, 2010, 44, 1438-1443.	10.0	28

#	ARTICLE	IF	CITATIONS
19	Depleted uranium induces sex- and tissue-specific methylation patterns in adult zebrafish. Journal of Environmental Radioactivity, 2016, 154, 25-33.	1.7	26
20	Transmission of DNA damage and increasing reprotoxic effects over two generations of Daphnia magna exposed to uranium. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 158, 231-243.	2.6	24
21	Epigenetic, histopathological and transcriptomic effects following exposure to depleted uranium in adult zebrafish and their progeny. Aquatic Toxicology, 2017, 184, 14-25.	4.0	24
22	Zebrafish exposure to environmentally relevant concentration of depleted uranium impairs progeny development at the molecular and histological levels. PLoS ONE, 2017, 12, e0177932.	2.5	23
23	Genotoxic effects of exposure to waterborne uranium, dietary methylmercury and hyperoxia in zebrafish assessed by the quantitative RAPD-PCR method. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 755, 55-60.	1.7	22
24	Genotoxic and Reprotoxic Effects of Tritium and External Gamma Irradiation on Aquatic Animals. Reviews of Environmental Contamination and Toxicology, 2012, 220, 67-103.	1.3	20
25	Tritiated water exposure disrupts myofibril structure and induces mis-regulation of eye opacity and DNA repair genes in zebrafish early life stages. Aquatic Toxicology, 2018, 200, 114-126.	4.0	18
26	Acclimation capacity of the three-spined stickleback (Gasterosteus aculeatus, L.) to a sudden biological stress following a polymetallic exposure. Ecotoxicology, 2016, 25, 1478-1499.	2.4	17
27	From tangled banks to toxic bunnies; a reflection on the issues involved in developing an ecosystem approach for environmental radiation protection. International Journal of Radiation Biology, 2022, 98, 1185-1200.	1.8	17
28	Toxicokinetic and toxicodynamic of depleted uranium in the zebrafish, Danio rerio. Aquatic Toxicology, 2018, 197, 9-18.	4.0	16
29	In situ experiments to assess effects of constraints linked to caging on ecotoxicity biomarkers of the three-spined stickleback (Gasterosteus aculeatus L.). Fish Physiology and Biochemistry, 2016, 42, 643-657.	2.3	15
30	Assessing tritium internalisation in zebrafish early life stages: Importance of rapid isotopic exchange. Journal of Environmental Radioactivity, 2019, 203, 30-38.	1.7	14
31	Tritiated Water Exposure in Zebrafish (Danio rerio): Effects on the Earlyâ€Life Stages. Environmental Toxicology and Chemistry, 2020, 39, 648-658.	4.3	14
32	Carotenoid distribution in wild Japanese tree frogs (Hyla japonica) exposed to ionizing radiation in Fukushima. Scientific Reports, 2018, 8, 7438.	3.3	13
33	Effects of chronic exposure to environmentally relevant concentrations of waterborne depleted uranium on the digestive tract of zebrafish, Danio rerio. Journal of Environmental Radioactivity, 2015, 142, 45-53.	1.7	12
34	Unusual evolution of tree frog populations in the Chernobyl exclusion zone. Evolutionary Applications, 2022, 15, 203-219.	3.1	12
35	The Effects of Radionuclides on Animal Behavior. Reviews of Environmental Contamination and Toxicology, 2011, 210, 35-58.	1.3	11
36	A systems biology approach reveals neuronal and muscle developmental defects after chronic exposure to ionising radiation in zebrafish. Scientific Reports, 2019, 9, 20241.	3.3	10

#	ARTICLE	IF	CITATIONS
37	Effects of tritiated water on locomotion of zebrafish larvae: a new insight in tritium toxic effects on a vertebrate model species. Aquatic Toxicology, 2020, 219, 105384.	4.0	10
38	Dose-dependent genomic DNA hypermethylation and mitochondrial DNA damage in Japanese tree frogs sampled in the Fukushima Daiichi area. Journal of Environmental Radioactivity, 2020, 225, 106429.	1.7	10
39	Adverse effects induced by chronic gamma irradiation in progeny of adult fish not affecting parental reproductive performance. Environmental Toxicology and Chemistry, 2019, 38, 2556-2567.	4.3	8
40	Effects of in vivo exposure to tritium: a multi-biomarker approach using the fathead minnow, Pimephales promelas. Environmental Science and Pollution Research, 2020, 27, 3612-3623.	5.3	8
41	Biodynamics, Subcellular Partitioning, and Ultrastructural Effects of Organic Selenium in a Freshwater Bivalve. Environmental Science & Technology, 2009, 43, 2112-2117.	10.0	7
42	Ionising Radiation Induces Promoter DNA Hypomethylation and Perturbs Transcriptional Activity of Genes Involved in Morphogenesis during Gastrulation in Zebrafish. International Journal of Molecular Sciences, 2020, 21, 4014.	4.1	7
43	Combined effects of alpha particles and depleted uranium on Zebrafish (Danio rerio) embryos. Journal of Radiation Research, 2016, 57, 343-355.	1.6	6
44	Correlated responses for DNA damage, phagocytosis activity and lysosomal function revealed in a comparison between field and laboratory studies: Fathead minnow exposed to tritium. Science of the Total Environment, 2019, 662, 990-1002.	8.0	5
45	Effects of gamma ionizing radiation exposure on Danio rerio embryo-larval stages - comparison with tritium exposure. Journal of Hazardous Materials, 2021, 408, 124866.	12.4	2
46	Brain Damage and Repair: From Molecular Effects to Central Nervous System Disorders. Biology, 2021, 10, 489.	2.8	0