

Deborah H Oughton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5019953/publications.pdf>

Version: 2024-02-01

39
papers

880
citations

567281

15
h-index

477307

29
g-index

40
all docs

40
docs citations

40
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Fukushima Daiichiâ€œDerived Radionuclides in the Ocean: Transport, Fate, and Impacts. Annual Review of Marine Science, 2017, 9, 173-203.	11.6	216
2	Addressing ecological effects of radiation on populations and ecosystems to improve protection of the environment against radiation: Agreed statements from a Consensus Symposium. Journal of Environmental Radioactivity, 2016, 158-159, 21-29.	1.7	75
3	Ionizing radiation induces transgenerational effects of DNA methylation in zebrafish. Scientific Reports, 2018, 8, 15373.	3.3	50
4	An ethical dimension to sustainable restoration and long-term management of contaminated areas. Journal of Environmental Radioactivity, 2004, 74, 171-183.	1.7	49
5	Effects of nano-sized zero-valent iron on DDT degradation and residual toxicity in soil: a column experiment. Plant and Soil, 2013, 368, 189-200.	3.7	44
6	Parental gamma irradiation induces reprotoxic effects accompanied by genomic instability in zebrafish (Danio rerio) embryos. Environmental Research, 2017, 159, 564-578.	7.5	39
7	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
8	Growth inhibition in Raphidocelis subcapita â€œ Evidence of nanospecific toxicity of silver nanoparticles. Chemosphere, 2019, 221, 785-792.	8.2	33
9	Characterizing the behavior, uptake, and toxicity of NM300K silver nanoparticles in <i>Caenorhabditis elegans</i> . Environmental Toxicology and Chemistry, 2018, 37, 1799-1810.	4.3	27
10	Population modelling to compare chronic external radiotoxicity between individual and population endpoints in four taxonomic groups. Journal of Environmental Radioactivity, 2016, 152, 46-59.	1.7	26
11	Genetic, epigenetic and microbiome characterisation of an earthworm species (<i>Octolasion lacteum</i>) along a radiation exposure gradient at Chernobyl. Environmental Pollution, 2019, 255, 113238.	7.5	19
12	Bioavailability of CeO ₂ and SnO ₂ nanoparticles evaluated by dietary uptake in the earthworm <i>Eisenia fetida</i> and sequential extraction of soil and feed. Chemosphere, 2016, 162, 16-22.	8.2	17
13	Towards a strategic research agenda for social sciences and humanities in radiological protection. Journal of Radiological Protection, 2019, 39, 766-784.	1.1	17
14	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
15	Gamma irradiation during gametogenesis in young adult zebrafish causes persistent genotoxicity and adverse reproductive effects. Ecotoxicology and Environmental Safety, 2018, 154, 19-26.	6.0	16
16	Gamma radiation induces locus specific changes to histone modification enrichment in zebrafish and Atlantic salmon. PLoS ONE, 2019, 14, e0212123.	2.5	16
17	When a duck is not a duck; a new interdisciplinary synthesis for environmental radiation protection. Environmental Research, 2018, 162, 318-324.	7.5	15
18	Lessons learned from Chernobyl and Fukushima on thyroid cancer screening and recommendations in case of a future nuclear accident. Environment International, 2021, 146, 106230.	10.0	15

#	ARTICLE	IF	CITATIONS
19	Effect of gamma radiation on the production of bystander signals from three earthworm species irradiated in vivo. <i>Environmental Research</i> , 2019, 168, 211-221.	7.5	12
20	Fukushima Through the Prism of Chernobyl: How Newspapers in Europe and Russia Used Past Nuclear Accidents. <i>Environmental Communication</i> , 2019, 13, 527-545.	2.5	12
21	In vivo assessment of silver nanoparticle induced reactive oxygen species reveals tissue specific effects on cellular redox status in the nematode <i>Caenorhabditis elegans</i> . <i>Science of the Total Environment</i> , 2020, 721, 137665.	8.0	12
22	The Social and Ethical Challenges of Radiation Risk Management. <i>Ethics, Policy and Environment</i> , 2012, 15, 71-76.	1.3	11
23	Societal and ethical aspects of the Fukushima accident. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 651-653.	2.9	11
24	Transfer of naturally occurring radionuclides from soil to wild forest flora in an area with enhanced legacy and natural radioactivity in Norway. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 350-363.	3.5	11
25	The SHAMISEN Recommendations on preparedness and health surveillance of populations affected by a radiation accident. <i>Environment International</i> , 2021, 146, 106278.	10.0	10
26	Living conditions and health status of populations living in territories impacted by nuclear accidents – Some lessons for developing health surveillance programme. <i>Environment International</i> , 2021, 147, 106294.	10.0	10
27	Social and ethical issues in environmental risk management. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 404-405.	2.9	9
28	How would citizens react to official advice in a nuclear emergency? Insights from research in three European countries. <i>Journal of Contingencies and Crisis Management</i> , 2021, 29, 143-169.	2.8	7
29	Adaptive tolerance to multigenerational silver nanoparticle (NM300K) exposure by the nematode <i>Caenorhabditis elegans</i> is associated with increased sensitivity to AgNO ₃ . <i>Nanotoxicology</i> , 2019, 13, 527-542.	3.0	6
30	Ethical considerations related to radiosensitivity and radiosusceptibility. <i>International Journal of Radiation Biology</i> , 2020, 96, 340-343.	1.8	6
31	Guest editorial: The SHAMISEN project – Applicability or lessons learnt and recommendations for disaster situations. <i>Environment International</i> , 2020, 144, 106000.	10.0	5
32	Altered non-coding RNA expression profile in F1 progeny 1 year after parental irradiation is linked to adverse effects in zebrafish. <i>Scientific Reports</i> , 2021, 11, 4142.	3.3	5
33	MASS MEDIA COMMUNICATION OF EMERGENCY ISSUES AND COUNTERMEASURES IN A NUCLEAR ACCIDENT: FUKUSHIMA REPORTING IN EUROPEAN NEWSPAPERS. <i>Radiation Protection Dosimetry</i> , 2017, 173, 163-169.	0.8	4
34	Impact of multigenerational exposure to AgNO ₃ or NM300K Ag NPs on antioxidant defense and oxidative stress in <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 216, 112178.	6.0	4
35	Socio-economic, historical and cultural background. , 2018, , 28-42.		4
36	Assessing Quality of Stakeholder Engagement: From Bureaucracy to Democracy. <i>Bulletin of Science, Technology and Society</i> , 2017, 37, 167-178.	2.9	3

#	ARTICLE	IF	CITATIONS
37	Tracing of iron nanoparticles using an elemental signatures approach: laboratory and field-scale verification. <i>Environmental Science: Nano</i> , 2020, 7, 623-633.	4.3	3
38	An ethical dimension to accident management and health surveillance. <i>Environment International</i> , 2021, 153, 106537.	10.0	3
39	Hypothesis testing and the choice of the dose-response model. <i>Toxicology Letters</i> , 2006, 162, 98-110.	0.8	1