Deborah H Oughton

List of Publications by Year
in descending order

39	880	567281 15	477307 29
papers	citations	h-index	g-index

40	40	40	1120
all docs	docs citations	times ranked	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. International Journal of Radiation Biology, 2022, 98, 1185-1200.	1.8	17
2	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
3	How would citizens react to official advice in a nuclear emergency? Insights from research in three European countries. Journal of Contingencies and Crisis Management, 2021, 29, 143-169.	2.8	7
4	The SHAMISEN Recommendations on preparedness and health surveillance of populations affected by a radiation accident. Environment International, 2021, 146, 106278.	10.0	10
5	Altered non-coding RNA expression profile in F1 progeny 1Âyear after parental irradiation is linked to adverse effects in zebrafish. Scientific Reports, 2021, 11, 4142.	3.3	5
6	Living conditions and health status of populations living in territories impacted by nuclear accidents â€“ Some lessons for developing health surveillance programme. Environment International, 2021, 147, 106294.	10.0	10
7	Impact of multigenerational exposure to AgNO3 or NM300K Ag NPs on antioxidant defense and oxidative stress in Caenorhabditis elegans. Ecotoxicology and Environmental Safety, 2021, 216, 112178.	6.0	4
8	An ethical dimension to accident management and health surveillance. Environment International, 2021, 153, 106537.	10.0	3
9	Ethical considerations related to radiosensitivity and radiosusceptibility. International Journal of Radiation Biology, 2020, 96, 340-343.	1.8	6
10	Tracing of iron nanoparticles using an elemental signatures approach: laboratory and field-scale verification. Environmental Science: Nano, 2020, 7, 623-633.	4.3	3
11	Guest editorial: The SHAMISEN project â€“ Applicability or lessons learnt and recommendations for disaster situations. Environment International, 2020, 144, 106000.	10.0	5
12	In vivo assessment of silver nanoparticle induced reactive oxygen species reveals tissue specific effects on cellular redox status in the nematode Caenorhabditis elegans. Science of the Total Environment, 2020, 721, 137665.	8.0	12
13	Transfer of naturally occurring radionuclides from soil to wild forest flora in an area with enhanced legacy and natural radioactivity in Norway. Environmental Sciences: Processes and Impacts, 2020, 22, 350-363.	3.5	11
14	Genetic, epigenetic and microbiome characterisation of an earthworm species (Octolasion lacteum) along a radiation exposure gradient at Chernobyl. Environmental Pollution, 2019, 255, 113238.	7.5	19
15	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
16	Towards a strategic research agenda for social sciences and humanities in radiological protection. Journal of Radiological Protection, 2019, 39, 766-784.	1.1	17
17	Gamma radiation induces locus specific changes to histone modification enrichment in zebrafish and Atlantic salmon. PLoS ONE, 2019, 14, e0212123.	2.5	16
18	Adaptive tolerance to multigenerational silver nanoparticle (NM300K) exposure by the nematode Caenorhabditis elegans is associated with increased sensitivity to AgNO₃. Nanotoxicology, 2019, 13, 527-542.	3.0	6

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19	Growth inhibition in Raphidocelis subcapita â€“ Evidence of nanospecific toxicity of silver nanoparticles. Chemosphere, 2019, 221, 785-792.	8.2	33
20	Effect of gamma radiation on the production of bystander signals from three earthworm species irradiated in vivo. Environmental Research, 2019, 168, 211-221.	7.5	12
21	Fukushima Through the Prism of Chernobyl: How Newspapers in Europe and Russia Used Past Nuclear Accidents. Environmental Communication, 2019, 13, 527-545.	2.5	12
22	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
23	When a duck is not a duck; a new interdisciplinary synthesis for environmental radiation protection. Environmental Research, 2018, 162, 318-324.	7.5	15
24	Characterizing the behavior, uptake, and toxicity of NM300K silver nanoparticles in Caenorhabditis elegans. Environmental Toxicology and Chemistry, 2018, 37, 1799-1810.	4.3	27
25	Ionizing radiation induces transgenerational effects of DNA methylation in zebrafish. Scientific Reports, 2018, 8, 15373.	3.3	50
26	Socio-economic, historical and cultural background. , 2018, , 28-42.		4
27	MASS MEDIA COMMUNICATION OF EMERGENCY ISSUES AND COUNTERMEASURES IN A NUCLEAR ACCIDENT: FUKUSHIMA REPORTING IN EUROPEAN NEWSPAPERS. Radiation Protection Dosimetry, 2017, 173, 163-169.	0.8	4
28	Parental gamma irradiation induces reprotoxic effects accompanied by genomic instability in zebrafish (Danio rerio) embryos. Environmental Research, 2017, 159, 564-578.	7.5	39
29	Assessing Quality of Stakeholder Engagement: From Bureaucracy to Democracy. Bulletin of Science, Technology and Society, 2017, 37, 167-178.	2.9	3
30	Fukushima Daiichiâ€“Derived Radionuclides in the Ocean: Transport, Fate, and Impacts. Annual Review of Marine Science, 2017, 9, 173-203.	11.6	216
31	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
32	Societal and ethical aspects of the Fukushima accident. Integrated Environmental Assessment and Management, 2016, 12, 651-653.	2.9	11
33	Bioavailability of CeO2 and SnO2 nanoparticles evaluated by dietary uptake in the earthworm Eisenia fetida and sequential extraction of soil and feed. Chemosphere, 2016, 162, 16-22.	8.2	17
34	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
35	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
36	The Social and Ethical Challenges of Radiation Risk Management. Ethics, Policy and Environment, 2012, 15, 71-76.	1.3	11

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37	Social and ethical issues in environmental risk management. Integrated Environmental Assessment and Management, 2011, 7, 404-405.	2.9	9
38	Hypothesis testing and the choice of the doseâ€“response model. Toxicology Letters, 2006, 162, 98-110.	0.8	1
39	An ethical dimension to sustainable restoration and long-term management of contaminated areas. Journal of Environmental Radioactivity, 2004, 74, 171-183.	1.7	49