Michael D Wood

List of Publications by Year
in descending order

53	1,701	318942	340414
papers	citations	23 h-index	39 g-index

55	55	55	1783
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.	1.0	17
2	Best practices for predictions of radionuclide activity concentrations and total absorbed dose rates to freshwater organisms exposed to uranium mining/milling. Journal of Environmental Radioactivity, 2022, 244-245, 106826.	0.9	2
3	Current ionising radiation doses in the Chernobyl Exclusion Zone do not directly impact on soil biological activity. PLoS ONE, 2022, 17, e0263600.	1.1	5
4	Strategic roadmap to assess forest vulnerability under air pollution and climate change. Global Change Biology, 2022, 28, 5062-5085.	4.2	31
5	Wildfires in the Chornobyl exclusion zoneâ€"Risks and consequences. Integrated Environmental Assessment and Management, 2021, 17, 1141-1150.	1.6	20
6	Impacts of radiation exposure on the bacterial and fungal microbiome of small mammals in the Chernobyl Exclusion Zone. Journal of Animal Ecology, 2021, 90, 2172-2187.	1.3	12
7	Fungal microbiomes are determined by host phylogeny and exhibit widespread associations with the bacterial microbiome. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210552.	1.2	12
8	Radionuclide transfer to wildlife at a â€˜Reference siteâ€™ in the Chernobyl Exclusion Zone and resultant radiation exposures. Journal of Environmental Radioactivity, 2020, 211, 105661.	0.9	57
9	SRP workshop on â€˜communication of radiation risk in the modern worldâ€™. Journal of Radiological Protection, 2020, 40, 319-326.	0.6	4
10	Modelling the effects of ionising radiation on a vole population from the Chernobyl Red forest in an ecological context. Ecological Modelling, 2020, 438, 109306.	1.2	6
11	Integration of ecosystem science into radioecology: A consensus perspective. Science of the Total Environment, 2020, 740, 140031.	3.9	13
12	Element and radionuclide concentrations in soils and wildlife from forests in north-eastern England with a focus on species representative of the ICRP's Reference Animals and Plants. Earth System Science Data, 2020, 12, 3021-3038.	3.7	2
13	Measuring the radiation exposure of Norwegian reindeer under field conditions. Science of the Total Environment, 2019, 687, 1337-1343.	3.9	14
14	Automatic acoustic detection of birds through deep learning: The first Bird Audio Detection challenge. Methods in Ecology and Evolution, 2019, 10, 368-380.	2.2	186
15	Selecting passive dosimetry technologies for measuring the external dose of terrestrial wildlife. Journal of Environmental Radioactivity, 2018, 182, 128-137.	0.9	20
16	Transfer parameters for ICRP's Reference Animals and Plants in a terrestrial Mediterranean ecosystem. Journal of Environmental Radioactivity, 2018, 186, 9-22.	0.9	18
17	Genetic variability and ontogeny predict microbiome structure in a disease-challenged montane amphibian. ISME Journal, 2018, 12, 2506-2517.	4.4	49
18	Radiocaesium transfer and radiation exposure of frogs in Fukushima Prefecture. Scientific Reports, 2018, 8, 10662.	1.6	16

#	Article	IF	Citations
19	Dose assessment in environmental radiological protection: State of the art and perspectives. Journal of Environmental Radioactivity, 2017, 175-176, 105-114.	0.9	36
20	A review of camera trapping for conservation behaviour research. Remote Sensing in Ecology and Conservation, 2017, 3, 109-122.	2.2	195
21	Estimation of the excess lifetime cancer risk from radon exposure in some buildings of Kufa Technical Institute, Iraq. Nuclear Physics and Atomic Energy, 2017, 18, 276-286.	0.2	11
22	European bison (Bison bonasus) in the Chornobyl Exclusion Zone (Ukraine) and prospects for its revival. ÐŸÑ€Ð°Ñ†Ñ– Ð¢ÐµÑ€Ð¾Ð»Ð¾Ð³Ñ–Ñ‡Ð½Ð¾Ñ— Ñ–Ð½Ð¾Ð»Ð¾Ð„, 2017, 2017, 58-66.	0.1	10
23	Bird detection in audio: A survey and a challenge. , 2016, , .		82
24	The transfer of 137 Cs, Pu isotopes and 90 Sr to bird, bat and ground-dwelling small mammal species within the Chernobyl exclusion zone. Journal of Environmental Radioactivity, 2016, 153, 231-236.	0.9	15
25	Making the most of what we have: application of extrapolation approaches in radioecological wildlife transfer models. Journal of Environmental Radioactivity, 2016, 151, 373-386.	0.9	36
26	Brown bear (Ursus arctos L.) in the Chornobyl Exclusion Zone. ÐŸÑ€Ð°Ñ†Ñ– Ð¢ÐµÑ€Ð¾Ð»Ð¾Ð³Ñ–Ñ‡Ð½Ð¾Ñ— Ñ–Ð½Ð¾Ð»Ð¾Ð„, 20	0.1	11
27	Strategies for engaging with future radiation protection professionals: a public outreach case study. Journal of Radiological Protection, 2015, 35, N25-N32.	0.6	1
28	Radionuclide biological half-life values for terrestrial and aquatic wildlife. Journal of Environmental Radioactivity, 2015, 150, 270-276.	0.9	24
29	Demonstrating compliance with protection objectives for non-human biota within post-closure safety cases for radioactive waste repositories. Journal of Environmental Radioactivity, 2014, 133, 60-68.	0.9	3
30	A new simplified allometric approach for predicting the biological half-life of radionuclides in reptiles. Journal of Environmental Radioactivity, 2014, 138, 116-121.	0.9	7
31	Spatial analysis of Carbon-14 dynamics in a wetland ecosystem (Duke Swamp, Chalk River Laboratories,) Tj ETQq1 1 0.784314 rgBT /Ov	0.9	5
32	Plutonium in wildlife and soils at the Maralinga legacy site: persistence over decadal time scales. Journal of Environmental Radioactivity, 2014, 131, 72-80.	0.9	24
33	Factors in Organisational Environmental Management System Implementation â€“ Developed vs. Developing Country Contexts. Journal of Sustainable Development of Energy, Water and Environment Systems, 2014, 2, 408-421.	0.9	8
34	Evaluating summarised radionuclide concentration ratio datasets forÂwildlife. Journal of Environmental Radioactivity, 2013, 126, 314-325.	0.9	48
35	Do site-specific radiocarbon measurements reflect localized distributions of 14C in biota inhabiting a wetland with point contamination sources?. Journal of Environmental Radioactivity, 2013, 126, 352-366.	0.9	4
36	Establishing a database of radionuclide transfer parameters for freshwater wildlife. Journal of Environmental Radioactivity, 2013, 126, 299-313.	0.9	34

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37	The IAEA handbook on radionuclide transfer to wildlife. Journal of Environmental Radioactivity, 2013, 121, 55-74.	0.9	92
38	Temporal changes in gamma dose rates in the Esk Estuary, UK. Radioprotection, 2011, 46, S301-S307.	0.5	2
39	Limit of detection values in data analysis: Do they matter?. Radioprotection, 2011, 46, S85-S90.	0.5	48
40	The estimation of absorbed dose rates for non-human biota: an extended intercomparison. Radiation and Environmental Biophysics, 2011, 50, 231-251.	0.6	58
41	Uncertainty analysis in a GIS-based multi-criteria analysis tool for river catchment management. Environmental Modelling and Software, 2011, 26, 395-405.	1.9	104
42	Addressing current knowledge gaps on radionuclide transfer to reptiles. Radioprotection, 2011, 46, S521-S527.	0.5	7
43	Radionuclide transfer to reptiles. Radiation and Environmental Biophysics, 2010, 49, 509-530.	0.6	37
44	Whole-body to tissue concentration ratios for use in biota dose assessments for animals. Radiation and Environmental Biophysics, 2010, 49, 549-565.	0.6	69
45	An international model validation exercise on radionuclide transfer and doses to freshwater biota. Journal of Radiological Protection, 2010, 30, 299-340.	0.6	42
46	Findings and recommendations from an international comparison of models and approaches for the estimation of radiological exposure to non-human biota. Radioprotection, 2009, 44, 565-570.	0.5	26
47	Radionuclide transfer to invertebrates and small mammals in a coastal sand dune ecosystem. Science of the Total Environment, 2009, 407, 4062-4074.	3.9	26
48	Assessing radiation impact at a protected coastal sand dune site: an intercomparison of models for estimating the radiological exposure of non-human biota. Journal of Environmental Radioactivity, 2009, 100, 1034-1052.	0.9	37
49	Assessment of naturally occurring radionuclides around England and Wales: Application of the G-BASE dataset to estimate doses to non-human species. Radioprotection, 2009, 44, 629-634.	0.5	7
50	Background exposure rates of terrestrial wildlife in England and Wales. Journal of Environmental Radioactivity, 2008, 99, 1430-1439.	0.9	54
51	Application of the ERICA Integrated Approach to the Drigg coastal sand dunes. Journal of Environmental Radioactivity, 2008, 99, 1484-1495.	0.9	37
52	Predicting radionuclide transfer to wild animals: an application of a proposed environmental impact assessment framework to the Chernobyl exclusion zone. Radiation and Environmental Biophysics, 2005, 44, 161-168.	0.6	14
53	Some observations on meaningful and objective inference in radioecological field studies. Journal of Animal Ecology, 0, , .	1.3	0