

Christopher RÃ¸Ã¸f

List of Publications by Year in descending order

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papers

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1040056

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all docs

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docs citations

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times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of variable oxygen concentration on the combustion derived release of radiocesium from boreal soil and peat. <i>Science of the Total Environment</i> , 2022, 815, 152725.	8.0	0
2	Maximum detection distances for gamma emitting point sources in mobile gamma spectrometry. <i>Applied Radiation and Isotopes</i> , 2022, 184, 110195.	1.5	2
3	Cancer incidence in a male adult population in relation to estimated protracted colon dose – A nested case control study in Northern Sweden after the Chernobyl Nuclear Power Plant accident. <i>Science of the Total Environment</i> , 2022, 838, 156349.	8.0	2
4	Bayesian algorithm to estimate position and activity of an orphan gamma source utilizing multiple detectors in a mobile gamma spectrometry system. <i>PLoS ONE</i> , 2021, 16, e0245440.	2.5	2
5	Maximizing avertable doses with a minimum amount of waste for remediation of land areas around typical single family houses after radioactive fallout based on Monte Carlo simulations. <i>Scientific Reports</i> , 2021, 11, 4643.	3.3	2
6	Experimental wildfire induced mobility of radiocesium in a boreal forest environment. <i>Science of the Total Environment</i> , 2021, 792, 148310.	8.0	4
7	Absorbed dose rate coefficients for ¹³⁴ Cs and ¹³⁷ Cs with steady-state distribution in the human body: S-coefficients revisited. <i>Journal of Radiological Protection</i> , 2021, 41, 1213-1227.	1.1	3
8	In vivo measurement of pre-operational spallation source workers: baseline body burden levels and detection limits of relevant gamma emitters using high-resolution gamma spectrometry. <i>Journal of Radiological Protection</i> , 2020, 40, 119-133.	1.1	1
9	NaCl pellets for prospective dosimetry using optically stimulated luminescence: Signal integrity and long-term versus short-term exposure. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 693-702.	1.4	5
10	Monte-Carlo simulations of external dose contributions from the surrounding ground areas of residential homes in a typical Northern European suburban area after a radioactive fallout scenario. <i>Scientific Reports</i> , 2020, 10, 14764.	3.3	4
11	Increased cancer risk in male hunters compared to the general male population in Northern Sweden after the Chernobyl Nuclear Power Plant accident?. <i>Environmental Epidemiology</i> , 2020, 4, e084.	3.0	3
12	Insights into the Pu isotopic composition (²³⁹ Pu, ²⁴⁰ Pu, and ²⁴¹ Pu) and ²³⁶ U in marshland samples from Madagascar. <i>Science of the Total Environment</i> , 2020, 740, 139993.	8.0	4
13	Tritium in urine from members of the general public and occupationally exposed workers in Lund, Sweden, prior to operation of the European Spallation Source. <i>Journal of Environmental Radioactivity</i> , 2020, 213, 106141.	1.7	2
14	Introduction of a method to calculate cumulative age- and gender-specific lifetime attributable risk (LAR) of cancer in populations after a large-scale nuclear power plant accident. <i>PLoS ONE</i> , 2020, 15, e0228549.	2.5	8
15	Averting cumulative lifetime attributable risk (LAR) of cancer by decontamination of residential areas affected by a large-scale nuclear power plant fallout: time aspects of radiological benefits for newborns and adults. <i>Journal of Radiological Protection</i> , 2020, 40, 790-814.	1.1	3
16	Experimentally determined and Monte Carlo-calculated energy dependence of NaCl pellets read by optically stimulated luminescence for photon beams in the energy range 30 keV to 1.25 MeV. <i>Journal of Radiological Protection</i> , 2020, 40, 1321-1335.	1.1	4
17	Influence of the migration of radioactive contaminants in soil, resident occupancy, and variability in contamination on isodose lines for typical Northern European houses. <i>Scientific Reports</i> , 2019, 9, 7876.	3.3	6
18	Modelling the effective dose to a population from fallout after a nuclear power plant accident – A scenario-based study with mitigating actions. <i>PLoS ONE</i> , 2019, 14, e0215081.	2.5	11

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19	A model for estimating the total absorbed dose to the thyroid in Swedish inhabitants following the Chernobyl Nuclear Power Plant accident: implications for existing international estimates and future model applications. <i>Journal of Radiological Protection</i> , 2019, 39, 522-547.	1.1	9
20	Comparison of experimental and calculated shielding factors for modular buildings in a radioactive fallout scenario. <i>Journal of Environmental Radioactivity</i> , 2018, 189, 146-155.	1.7	5
21	Estimated lifetime effective dose to hunters and their families in the three most contaminated counties in Sweden after the Chernobyl nuclear power plant accident in 1986 – A pilot study. <i>Journal of Environmental Radioactivity</i> , 2017, 177, 241-249.	1.7	14
22	Modelling the external radiation exposure from the Chernobyl fallout using data from the Swedish municipality measurement system. <i>Journal of Environmental Radioactivity</i> , 2017, 178-179, 16-27.	1.7	21
23	A rotating-slit-collimator-based gamma radiation mapper. <i>Journal of Environmental Radioactivity</i> , 2017, 177, 225-232.	1.7	4
24	On the presence of plutonium in Madagascar following the SNAP-9A satellite failure. <i>Journal of Environmental Radioactivity</i> , 2017, 177, 91-99.	1.7	7
25	Hair as an indicator of the body content of polonium in humans: preliminary results from study of five male volunteers. <i>Journal of Environmental Radioactivity</i> , 2015, 141, 71-75.	1.7	4
26	Spatial variability of the dose rate from ¹³⁷ Cs fallout in settlements in Russia and Belarus more than two decades after the Chernobyl accident. <i>Journal of Environmental Radioactivity</i> , 2015, 149, 144-149.	1.7	13
27	Tests of HPCe- and scintillation-based backpack ¹³⁷ Cs-radiation survey systems. <i>Journal of Environmental Radioactivity</i> , 2014, 135, 54-62.	1.7	19
28	On background radiation gradients – the use of airborne surveys when searching for orphan sources using mobile gamma-ray spectrometry. <i>Journal of Environmental Radioactivity</i> , 2014, 128, 84-90.	1.7	9
29	Comparative Measurements of the External Radiation Exposure in a ¹³⁷ Cs Contaminated Village in Belarus Based on Optically Stimulated Luminescence in NaCl and Thermoluminescence in LiF. <i>Health Physics</i> , 2012, 103, 740-749.	0.5	10
30	A biokinetic study of ²⁰⁹ Po in man. <i>Science of the Total Environment</i> , 2012, 437, 384-389.	8.0	19
31	The use of hair as an indicator of occupational ¹⁴ C contamination. <i>Radiation and Environmental Biophysics</i> , 2010, 49, 97-107.	1.4	7
32	Assessment of the environmental contamination with long-lived radionuclides around an operating RBMK reactor station. <i>Journal of Environmental Radioactivity</i> , 2006, 90, 68-77.	1.7	8
33	Transfer of ¹³⁷ Cs from Chernobyl debris and nuclear weapons fallout to different Swedish population groups. <i>Science of the Total Environment</i> , 2006, 367, 324-340.	8.0	23
34	Levels of ¹⁴ C in the Terrestrial Environment in the Vicinity of Two European Nuclear Power Plants. <i>Radiocarbon</i> , 2004, 46, 863-868.	1.8	33
35	ENVIRONMENTAL LEVELS OF RADIOCARBON IN LUND, SWEDEN, PRIOR TO THE START OF THE EUROPEAN SPALLATION SOURCE. <i>Radiocarbon</i> , 0, , 1-17.	1.8	0