

Richard Wakeford

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

3,563
citations

28
h-index

56
g-index

180
ext. papers

4,134
ext. citations

4.8
avg, IF

5.81
L-index

#	Paper	IF	Citations
125	Risk of childhood cancer from fetal irradiation. <i>British Journal of Radiology</i> , 1997 , 70, 130-9	3.4	481
124	Risks associated with low doses and low dose rates of ionizing radiation: why linearity may be (almost) the best we can do. <i>Radiology</i> , 2009 , 251, 6-12	20.5	238
123	Systematic review and meta-analysis of circulatory disease from exposure to low-level ionizing radiation and estimates of potential population mortality risks. <i>Environmental Health Perspectives</i> , 2012 , 120, 1503-11	8.4	215
122	Long-term effects of radiation exposure on health. <i>Lancet, The</i> , 2015 , 386, 469-78	40	174
121	Risk coefficients for childhood cancer after intrauterine irradiation: a review. <i>International Journal of Radiation Biology</i> , 2003 , 79, 293-309	2.9	162
120	The cancer epidemiology of radiation. <i>Oncogene</i> , 2004 , 23, 6404-28	9.2	143
119	A systematic review of epidemiological associations between low and moderate doses of ionizing radiation and late cardiovascular effects, and their possible mechanisms. <i>Radiation Research</i> , 2008 , 169, 99-109	3.1	141
118	A record-based case-control study of natural background radiation and the incidence of childhood leukaemia and other cancers in Great Britain during 1980-2006. <i>Leukemia</i> , 2013 , 27, 3-9	10.7	137
117	Review and meta-analysis of epidemiological associations between low/moderate doses of ionizing radiation and circulatory disease risks, and their possible mechanisms. <i>Radiation and Environmental Biophysics</i> , 2010 , 49, 139-53	2	109
116	Childhood leukaemia following medical diagnostic exposure to ionizing radiation in utero or after birth. <i>Radiation Protection Dosimetry</i> , 2008 , 132, 166-74	0.9	91
115	Radiation in the workplace-a review of studies of the risks of occupational exposure to ionising radiation. <i>Journal of Radiological Protection</i> , 2009 , 29, A61-79	1.2	71
114	Leukaemia and myeloid malignancy among people exposed to low doses (. <i>Lancet Haematology,the</i> , 2018 , 5, e346-e358	14.6	68
113	The risk of childhood leukaemia following exposure to ionising radiation--a review. <i>Journal of Radiological Protection</i> , 2013 , 33, 1-25	1.2	67
112	Implications of recent epidemiologic studies for the linear nonthreshold model and radiation protection. <i>Journal of Radiological Protection</i> , 2018 , 38, 1217-1233	1.2	51
111	A restatement of the natural science evidence base concerning the health effects of low-level ionizing radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	47
110	The meaning of low dose and low dose-rate. <i>Journal of Radiological Protection</i> , 2010 , 30, 1-3	1.2	41
109	The sex ratio of children in relation to paternal preconceptional radiation dose: a study in Cumbria, northern England. <i>Journal of Epidemiology and Community Health</i> , 1996 , 50, 645-52	5.1	40

108	The risk of childhood cancer from intrauterine and preconceptional exposure to ionizing radiation. <i>Environmental Health Perspectives</i> , 1995 , 103, 1018-25	8.4	38
107	Updated estimates of the proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionising radiation. <i>Journal of Radiological Protection</i> , 2009 , 29, 467-82	1.2	36
106	The proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionizing radiation. <i>Leukemia</i> , 2009 , 23, 770-6	10.7	34
105	The statistical power of epidemiological studies analyzing the relationship between exposure to ionizing radiation and cancer, with special reference to childhood leukemia and natural background radiation. <i>Radiation Research</i> , 2010 , 174, 387-402	3.1	33
104	The applicability of Zweig ^Q rule to p p annihilations at 3.6 GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1976 , 61, 210-212	4.2	32
103	Systematic review of epidemiological studies of exposure to tritium. <i>Journal of Radiological Protection</i> , 2008 , 28, 9-32	1.2	31
102	Atmospheric emissions from the Windscale accident of October 1957. <i>Atmospheric Environment</i> , 2007 , 41, 3904-3920	5.3	30
101	Mortality experience of male workers at a UK tin smelter. <i>Occupational Medicine</i> , 2005 , 55, 215-26	2.1	30
100	Lung cancer mortality at a UK tin smelter. <i>Occupational Medicine</i> , 2007 , 57, 238-45	2.1	26
99	Recent Epidemiologic Studies and the Linear No-Threshold Model For Radiation Protection-Considerations Regarding NCRP Commentary 27. <i>Health Physics</i> , 2019 , 116, 235-246	2.3	26
98	Use of effective dose. <i>Annals of the ICRP</i> , 2016 , 45, 215-24	2.4	23
97	Childhood Leukaemia and Nuclear Installations. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 1989 , 152, 61	2.1	22
96	Re: Thyroid Cancer Among Young People in Fukushima. <i>Epidemiology</i> , 2016 , 27, e20-1	3.1	21
95	A review of the risks of leukemia in relation to parental pre-conception exposure to radiation. <i>Health Physics</i> , 1995 , 68, 299-310	2.3	21
94	A framework for estimating radiation-related cancer risks in Japan from the 2011 Fukushima nuclear accident. <i>Radiation Research</i> , 2014 , 182, 556-72	3.1	20
93	Variation with socioeconomic status of indoor radon levels in Great Britain: The less affluent have less radon. <i>Journal of Environmental Radioactivity</i> , 2016 , 164, 84-90	2.4	19
92	The Creation of a Database of Children of Workers at a Nuclear Facility: An Exercise in Record Linkage. <i>Journal of Occupational and Environmental Hygiene</i> , 1997 , 12, 40-45		19
91	A review of probability of causation and its use in a compensation scheme for nuclear industry workers in the United Kingdom. <i>Health Physics</i> , 1998 , 74, 1-9	2.3	19

90	Numbers and proportions of leukemias in young people and adults induced by radiation of natural origin. <i>Leukemia Research</i> , 2011 , 35, 1039-43	2.7	17
89	Leukaemia and non-Hodgkin@ lymphoma in young persons resident in small areas of West Cumbria in relation to paternal preconceptional irradiation. <i>British Journal of Cancer</i> , 1996 , 73, 672-9	8.7	16
88	Lifetime Mortality Risk from Cancer and Circulatory Disease Predicted from the Japanese Atomic Bomb Survivor Life Span Study Data Taking Account of Dose Measurement Error. <i>Radiation Research</i> , 2020 , 194, 259-276	3.1	16
87	The descriptive statistics and health implications of occupational radiation doses received by men at the Sellafield nuclear installation before the conception of their children. <i>Journal of Radiological Protection</i> , 1994 , 14, 3-16	1.2	15
86	Childhood leukaemia and Sellafield: the legal cases. <i>Journal of Radiological Protection</i> , 1994 , 14, 293-316	1.2	15
85	Childhood Leukaemia and Radiation: The Sellafield Judgment 2002 , 1-29		15
84	Childhood cancer after low-level intrauterine exposure to radiation. <i>Journal of Radiological Protection</i> , 2002 , 22, A123-7	1.2	14
83	Levels of naturally occurring gamma radiation measured in British homes and their prediction in particular residences. <i>Radiation and Environmental Biophysics</i> , 2016 , 55, 103-24	2	13
82	Leukaemia in young children in the vicinity of British nuclear power plants: a case-control study. <i>British Journal of Cancer</i> , 2013 , 109, 2880-5	8.7	13
81	On pre- or postnatal diagnostic X-rays as a risk factor for childhood leukaemia. <i>Radiation and Environmental Biophysics</i> , 2009 , 48, 237-9; author reply 241	2	13
80	A comparison of the risks of leukaemia in the offspring of the Sellafield workforce born in Seascale and those born elsewhere in West Cumbria with the risks in the offspring of the Ontario and Scottish workforces and the Japanese bomb survivors. <i>Journal of Radiological Protection</i> , 1994 , 14, 187-201	1.2	13
79	An analysis of leukaemia, lymphoma and other malignancies together with certain categories of non-cancer mortality in the first generation offspring (F1) of the Japanese bomb survivors. <i>Journal of Radiological Protection</i> , 1994 , 14, 203-218	1.2	13
78	Residential mobility and associated factors in relation to the assessment of exposure to naturally occurring radiation in studies of childhood cancer. <i>Journal of Radiological Protection</i> , 2015 , 35, 835-68	1.2	12
77	The Seascale childhood leukaemia cases-the mutation rates implied by paternal preconceptional radiation doses. <i>Journal of Radiological Protection</i> , 1994 , 14, 17-24	1.2	12
76	Childhood leukaemia risks: from unexplained findings near nuclear installations to recommendations for future research. <i>Journal of Radiological Protection</i> , 2014 , 34, R53-68	1.2	11
75	Radiation effects: Modulating factors and risk assessment -- an overview. <i>Annals of the ICRP</i> , 2012 , 41, 98-107	2.4	11
74	A comparison of the risks of leukaemia and non-Hodgkin@ lymphoma in the first generation offspring of the Danish Thorotrast patients with those observed in other studies of parental pre-conception irradiation. <i>Journal of Radiological Protection</i> , 1996 , 16, 25-36	1.2	11
73	Measurement of Fukushima-related radioactive contamination in aquatic species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 3720-1	11.5	10

72	Temporal trends in childhood leukaemia incidence following exposure to radioactive fallout from atmospheric nuclear weapons testing. <i>Radiation and Environmental Biophysics</i> , 2010 , 49, 213-27	2	9
71	The Increasing Exposure of the Global Population to Ionizing Radiation. <i>Epidemiology</i> , 2020 , 31, 155-159 ^{3,1}		9
70	Epidemiological studies of natural sources of radiation and childhood cancer: current challenges and future perspectives. <i>Journal of Radiological Protection</i> , 2020 , 40, R1-R23	1.2	9
69	A report from the 2013 international symposium: the evaluation of the effects of low-dose radiation exposure in the life span study of atomic bomb survivors and other similar studies. <i>Health Physics</i> , 2015 , 108, 551-6	2.3	8
68	Spatial prediction of naturally occurring gamma radiation in Great Britain. <i>Journal of Environmental Radioactivity</i> , 2016 , 164, 300-311	2.4	8
67	Comment on "dose-responses from multi-model inference for the non-cancer disease mortality of atomic bomb survivors" (Radiat. Environ. Biophys (2012) 51:165-178) by Schllnberger et al. <i>Radiation and Environmental Biophysics</i> , 2013 , 52, 157-9	2	8
66	Cancer risk modelling and radiological protection. <i>Journal of Radiological Protection</i> , 2012 , 32, N89-93	1.2	8
65	Occupational exposure, epidemiology and compensation. <i>Occupational Medicine</i> , 2006 , 56, 173-9	2.1	8
64	The bystander effect in experimental systems and compatibility with radon-induced lung cancer in humans. <i>Journal of Radiological Protection</i> , 2002 , 22, A27-31	1.2	8
63	A review of the types of childhood cancer associated with a medical X-ray examination of the pregnant mother. <i>International Journal of Radiation Biology</i> , 2021 , 97, 571-592	2.9	8
62	The use of dose quantities in radiological protection: ICRP publication 147 Ann ICRP 50(1) 2021. <i>Journal of Radiological Protection</i> , 2021 , 41,	1.2	8
61	A geographical study of thyroid cancer incidence in north-west England following the Windscale nuclear reactor fire of 1957. <i>Journal of Radiological Protection</i> , 2016 , 36, 934-952	1.2	8
60	THE DOSE AND DOSE-RATE EFFECTIVENESS FACTOR (DDREF). <i>Health Physics</i> , 2019 , 116, 96-99	2.3	8
59	Childhood cancer--the role of birthweight and antenatal radiography. <i>International Journal of Epidemiology</i> , 2015 , 44, 1741-3	7.8	7
58	The risk of leukaemia in young children from exposure to tritium and carbon-14 in the discharges of German nuclear power stations and in the fallout from atmospheric nuclear weapons testing. <i>Radiation and Environmental Biophysics</i> , 2014 , 53, 365-79	2	7
57	A review of studies of childhood cancer and natural background radiation. <i>International Journal of Radiation Biology</i> , 2021 , 97, 769-781	2.9	7
56	A double diamond anniversary-Kyshtym and Windscale: the nuclear accidents of 1957. <i>Journal of Radiological Protection</i> , 2017 , 37, E7-E13	1.2	6
55	Review of the risk of cancer following low and moderate doses of sparsely ionising radiation received in early life in groups with individually estimated doses.. <i>Environment International</i> , 2021 , 159, 106983	12.9	6

54	RE: Secret ties to industry and conflicting interests in cancer research. <i>American Journal of Industrial Medicine</i> , 2007 , 50, 239-40	2.7	5
53	Residential exposure to radon and DNA methylation across the lifecourse: an exploratory study in the ALSPAC birth cohort. <i>Wellcome Open Research</i> , 2019 , 4, 3	4.8	5
52	Ischemic Heart Disease Mortality and Occupational Radiation Exposure in a Nested Matched Case-Control Study of British Nuclear Fuel Cycle Workers: Investigation of Confounding by Lifestyle, Physiological Traits and Occupational Exposures. <i>Radiation Research</i> , 2020 , 194, 431-444	3.1	5
51	Overview of epidemiological studies of nuclear workers: opportunities, expectations, and limitations. <i>Journal of Radiological Protection</i> , 2021 , 41,	1.2	5
50	What is a low dose? Response to "Reply to 'The RBE of low-LET radiations' Reply to the Response to "Reply to 'The RBE of low-LET radiations' Comment on 'Updated estimates of the proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionising radiation' Reply to "Comment on 'Updated estimates of the proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionising radiation'". <i>Journal of Radiological Protection</i> , 2010 , 30, 93-101, author reply 99-101	1.2	4
49	Chernobyl—20 years on. <i>Journal of Radiological Protection</i> , 2006 , 26, 125-6	1.2	4
48	Re: "Use of A-bomb survivor studies as a basis for nuclear worker compensation". <i>Environmental Health Perspectives</i> , 2003 , 111, A268-9	8.4	4
47	Stillbirth rates around Sellafield. <i>Lancet, The</i> , 1994 , 344, 550-1	4.0	4
46	Residential exposure to radon and DNA methylation across the lifecourse: an exploratory study in the ALSPAC birth cohort. <i>Wellcome Open Research</i> , 2019 , 4, 3	4.8	4
45	The Woman Who Knew Too Much: Alice Stewart and the Secrets of Radiation. <i>Journal of Radiological Protection</i> , 2000 , 20, 475-479	1.2	4
44	A review of job-exposure matrix methodology for application to workers exposed to radiation from internally deposited plutonium or other radioactive materials. <i>Journal of Radiological Protection</i> , 2016 , 36, R1-22	1.2	4
43	Modelling the bimodal distribution of indoor gamma-ray dose-rates in Great Britain. <i>Radiation and Environmental Biophysics</i> , 2018 , 57, 321-347	2	4
42	How is the risk of radiation-induced cancer influenced by background risk factors? Invited commentary on "a method for determining weights for excess relative risk and excess absolute risk when applied in the calculation of lifetime risk of cancer from radiation exposure" by Walsh and Schneider (2012). <i>Radiation and Environmental Biophysics</i> , 2013 , 52, 147-50	2	3
41	Comments: The non-cancer mortality experience of male workers at British Nuclear Fuels plc, 1946-2005. <i>International Journal of Epidemiology</i> , 2009 , 38, 1159-64	7.8	3
40	The risk of cancer from natural background ionizing radiation. <i>Health Physics</i> , 2009 , 97, 637-8; author reply 638	2.3	3
39	What to believe and what not to believe. <i>Journal of Radiological Protection</i> , 2008 , 28, 5-7	1.2	3
38	From epidemiological association to causation. <i>Occupational Medicine</i> , 2007 , 57, 464-5	2.1	3
37	Children born in Seascale. <i>British Medical Journal</i> , 1987 , 295, 1347		3

36	The production properties of from 3.6 to 12 GeV/c. <i>Nuclear Physics B</i> , 1978 , 145, 1-23	2.8	3
35	Childhood leukaemia clusters around Sellafield and Dounreay. <i>Nuclear Energy</i> , 2003 , 42, 213-224		3
34	Cancer risks among studies of medical diagnostic radiation exposure in early life without quantitative estimates of dose.. <i>Science of the Total Environment</i> , 2022 , 154723	10.2	3
33	Reply to Comment on Qmplications of recent epidemiologic studies for the linear nonthreshold model and radiation protectionQ <i>Journal of Radiological Protection</i> , 2019 , 39, 655-659	1.2	2
32	Estimating Risk of Circulatory Disease: Little et al. Respond. <i>Environmental Health Perspectives</i> , 2012 , 120,	8.4	2
31	The risks of exposure to internal emitters. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007 , 50, 388-391	1.9	2
30	Paternal irradiation and leukemia in offspring. <i>Radiation Research</i> , 2000 , 154, 222-3	3.1	2
29	The Risk to Health from Low Doses of Ionising Radiation. <i>Nuclear Energy</i> , 2005 , 1, 107-114		2
28	Uncertainties in Fatal Cancer Risk Estimates Used in Radiation Protection. <i>Journal of Radiological Protection</i> , 1998 , 18,	1.2	2
27	Lymphoma and multiple myeloma in cohorts of persons exposed to ionising radiation at a young age. <i>Leukemia</i> , 2021 , 35, 2906-2916	10.7	2
26	World Association of Medical Editors (WAME) statement on Qpredatory JournalsQ <i>Journal of Radiological Protection</i> , 2017 , 37, 811	1.2	1
25	Potential funding crisis for the Radiation Effects Research Foundation. <i>Lancet, The</i> , 2004 , 364, 557-8	4.0	1
24	Radiation litigation and the nuclear industry--the experience in the United Kingdom. <i>Health Physics</i> , 2001 , 81, 646-54	2.3	1
23	Paternal exposure to radiation. <i>Lancet, The</i> , 1994 , 343, 598-9	4.0	1
22	Childhood leukaemia incidence around nuclear installations. <i>Lancet, The</i> , 1988 , 1, 309	4.0	1
21	Seascale and cancer. <i>Nature</i> , 1984 , 312, 191	50.4	1
20	Quantitative Bias Analysis of the Association between Occupational Radiation Exposure and Ischemic Heart Disease Mortality in UK Nuclear Workers. <i>Radiation Research</i> , 2021 , 196, 574-586	3.1	1
19	Atmospheric contamination with ruthenium-106 detected in Europe in Autumn 2017. <i>Journal of Radiological Protection</i> , 2020 , 40, 358-360	1.2	1

18	Construction, Validation and Sensitivity Analyses of a Job Exposure Matrix for Early Plutonium Workers at the Sellafield Nuclear Site, United Kingdom. <i>Radiation Research</i> , 2019 , 191, 60-66	3.1	1
17	Building a job-exposure matrix for early plutonium workers at the Sellafield nuclear site, United Kingdom. <i>Journal of Radiological Protection</i> , 2019 , 39, 620-634	1.2	0
16	William Jackson (QackQSchull (1922-2017)). <i>Journal of Radiological Protection</i> , 2017 , 37, 957-959	1.2	
15	Reply to Comment on @ geographical study of thyroid cancer incidence in north-west England following the Windscale nuclear reactor fire of 1957Q <i>Journal of Radiological Protection</i> , 2017 , 37, 553-554 ²		
14	Infant Leukaemia in Wales following the Chernobyl Accident. <i>Energy and Environment</i> , 2011 , 22, 827-830 ² .4		
13	Re: @population mixing, socio-economic status and incidence of childhood acute lymphoblastic leukaemia in England and Wales--analysis by census wardQand @childhood leukaemia and population movements in France, 1990-2003Q <i>British Journal of Cancer</i> , 2008 , 99, 1194; author reply 1191-3	8.7	
12	RE: a rebuttal: secret ties to industry and conflicting interests in cancer research. <i>American Journal of Industrial Medicine</i> , 2007 , 50, 701	2.7	
11	Childhood cancer in Seascale. <i>Journal of Public Health</i> , 2002 , 24, 343-4	3.5	
10	Re: Effects of preconceptional irradiation on mortality and cancer incidence in the offspring of patients given injections of thorotrast. <i>Journal of the National Cancer Institute</i> , 1995 , 87, 606-7	9.7	
9	INFECTIVE CAUSE OF CHILDHOOD LEUKAEMIA. <i>Lancet, The</i> , 1989 , 333, 331	4.0	
8	Incidence of leukaemia. <i>Nature</i> , 1988 , 331, 296	50.4	
7	Response to Jargin.. <i>Journal of Radiological Protection</i> , 2022 , 42,	1.2	
6	Introduction to the special issue on the US Million Person Study of health effects from low-level exposure to radiation. <i>International Journal of Radiation Biology</i> , 2021 , 1-4	2.9	
5	Paternal irradiation and childhood leukaemia. <i>BMJ: British Medical Journal</i> , 1995 , 310, 1198		
4	The Role of Epidemiology in Cancer Risk Assessment of Ionizing Radiation83-102		
3	Purportedly High Cancer Risk among US Sailors on Nuclear-Powered Ships. <i>Cancer Investigation</i> , 2020 , 38, 372	2.1	
2	Response to Letter by Moghissi and Calderone. <i>Health Physics</i> , 2019 , 117, 224-225	2.3	
1	Chromosome Aberrations in a Group of People Exposed to Radioactive Releases from the Three Mile Island Nuclear Accident and Inferences for Radiation Effects. <i>Radiation Research</i> , 2021 , 195, 584-589 ^{3.1}		

