

Mary K Schubauer-Berigan

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.

111
papers

5,135
citations

36
h-index

70
g-index

122
ext. papers

5,754
ext. citations

4.7
avg, IF

5.14
L-index

#	Paper	IF	Citations
111	The 15-Country Collaborative Study of Cancer Risk among Radiation Workers in the Nuclear Industry: estimates of radiation-related cancer risks. <i>Radiation Research</i> , 2007 , 167, 396-416	3.1	1025
110	Risk of cancer after low doses of ionising radiation: retrospective cohort study in 15 countries. <i>BMJ, The</i> , 2005 , 331, 77	5.9	404
109	Ionising radiation and risk of death from leukaemia and lymphoma in radiation-monitored workers (INWORKS): an international cohort study. <i>Lancet Haematology, the</i> , 2015 , 2, e276-81	14.6	254
108	Risk of cancer from occupational exposure to ionising radiation: retrospective cohort study of workers in France, the United Kingdom, and the United States (INWORKS). <i>BMJ, The</i> , 2015 , 351, h5359	5.9	200
107	pH-Dependent toxicity of Cd, Cu, Ni, Pb and Zn to <i>Ceriodaphnia dubia</i> , <i>Pimephales promelas</i> , <i>Hyalella azteca</i> and <i>Lumbriculus variegatus</i> . <i>Environmental Toxicology and Chemistry</i> , 1993 , 12, 1261-1266	3.8	158
106	Carbon nanotube dosimetry: from workplace exposure assessment to inhalation toxicology. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 53	8.4	121
105	Mortality from diseases other than cancer following low doses of ionizing radiation: results from the 15-Country Study of nuclear industry workers. <i>International Journal of Epidemiology</i> , 2007 , 36, 1126-35	7.8	110
104	Assessing the first wave of epidemiological studies of nanomaterial workers. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 413	2.3	103
103	Radon exposure and mortality among white and American Indian uranium miners: an update of the Colorado Plateau cohort. <i>American Journal of Epidemiology</i> , 2009 , 169, 718-30	3.8	101
102	The 15-Country Collaborative Study of Cancer Risk Among Radiation Workers in the Nuclear Industry: design, epidemiological methods and descriptive results. <i>Radiation Research</i> , 2007 , 167, 361-79	3.1	100
101	Predicting the toxicity of bulk sediments to aquatic organisms with aqueous test fractions: Pore water vs. elutriate. <i>Environmental Toxicology and Chemistry</i> , 1991 , 10, 1359-1366	3.8	99
100	The contribution of ammonia, metals and nonpolar organic compounds to the toxicity of sediment interstitial water from an illinois river tributary. <i>Environmental Toxicology and Chemistry</i> , 1991 , 10, 925-939	3.8	84
99	Occupational exposure assessment in carbon nanotube and nanofiber primary and secondary manufacturers. <i>Annals of Occupational Hygiene</i> , 2012 , 56, 542-56		77
98	Cancer Mortality through 2005 among a Pooled Cohort of U.S. Nuclear Workers Exposed to External Ionizing Radiation. <i>Radiation Research</i> , 2015 , 183, 620-31	3.1	76
97	Focused actions to protect carbon nanotube workers. <i>American Journal of Industrial Medicine</i> , 2012 , 55, 395-411	2.7	74
96	Carbon Nanotube and Nanofiber Exposure Assessments: An Analysis of 14 Site Visits. <i>Annals of Occupational Hygiene</i> , 2015 , 59, 705-23		70
95	Research recommendations for selected IARC-classified agents. <i>Environmental Health Perspectives</i> , 2010 , 118, 1355-62	8.4	64

94	Occupational exposure assessment in carbon nanotube and nanofiber primary and secondary manufacturers: mobile direct-reading sampling. <i>Annals of Occupational Hygiene</i> , 2013 , 57, 328-44		64
93	Influence of pH and hardness on toxicity of ammonia to the amphipod <i>Hyalella azteca</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1995 , 52, 2078-2083	2.4	64
92	Chronic lymphocytic leukaemia: an overview of aetiology in light of recent developments in classification and pathogenesis. <i>British Journal of Haematology</i> , 2007 , 139, 672-86	4.5	63
91	Mortality from Circulatory Diseases and other Non-Cancer Outcomes among Nuclear Workers in France, the United Kingdom and the United States (INWORKS). <i>Radiation Research</i> , 2017 , 188, 276-290	3.1	61
90	Issues in the development of epidemiologic studies of workers exposed to engineered nanoparticles. <i>Journal of Occupational and Environmental Medicine</i> , 2009 , 51, 323-35	2	60
89	Update of the NIOSH life table analysis system: a person-years analysis program for the windows computing environment. <i>American Journal of Industrial Medicine</i> , 2011 , 54, 915-24	2.7	59
88	Site-specific Solid Cancer Mortality After Exposure to Ionizing Radiation: A Cohort Study of Workers (INWORKS). <i>Epidemiology</i> , 2018 , 29, 31-40	3.1	53
87	Tenth revision U.S. mortality rates for use with the NIOSH Life Table Analysis System. <i>Journal of Occupational and Environmental Medicine</i> , 2006 , 48, 662-7	2	49
86	. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 713	3.8	48
85	Comparison of techniques for the isolation of sediment pore water for toxicity testing. <i>Archives of Environmental Contamination and Toxicology</i> , 1994 , 27, 507	3.2	46
84	Advisory Group recommendations on priorities for the IARC Monographs. <i>Lancet Oncology</i> , 2019 , 20, 763-764	21.7	44
83	Carbon nanotube and nanofiber exposure and sputum and blood biomarkers of early effect among U.S. workers. <i>Environment International</i> , 2018 , 116, 214-228	12.9	44
82	Interactive RadioEpidemiological Program (IREP): a web-based tool for estimating probability of causation/assigned share of radiogenic cancers. <i>Health Physics</i> , 2008 , 95, 119-47	2.3	44
81	A meta-analysis of leukaemia risk from protracted exposure to low-dose gamma radiation. <i>Occupational and Environmental Medicine</i> , 2011 , 68, 457-64	2.1	42
80	Epidemiological Studies of Low-Dose Ionizing Radiation and Cancer: Summary Bias Assessment and Meta-Analysis. <i>Journal of the National Cancer Institute Monographs</i> , 2020 , 2020, 188-200	4.8	42
79	Risk of chronic myeloid and acute leukemia mortality after exposure to ionizing radiation among workers at four U.S. nuclear weapons facilities and a nuclear naval shipyard. <i>Radiation Research</i> , 2007 , 167, 222-32	3.1	40
78	Background and overview of current sediment toxicity identification evaluation procedures. <i>Journal of Aquatic Ecosystem Health</i> , 1995 , 4, 133-149		39
77	Use of toxicity identification evaluation techniques to identify dredged material disposal options: A proposed approach. <i>Environmental Management</i> , 1992 , 16, 1-6	3.1	39

76	Chronic lymphocytic leukaemia and radiation: findings among workers at five US nuclear facilities and a review of the recent literature. <i>British Journal of Haematology</i> , 2007 , 139, 799-808	4.5	35
75	Association of pulmonary, cardiovascular, and hematologic metrics with carbon nanotube and nanofiber exposure among U.S. workers: a cross-sectional study. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 22	8.4	32
74	Engineered carbonaceous nanomaterials manufacturers in the United States: workforce size, characteristics, and feasibility of epidemiologic studies. <i>Journal of Occupational and Environmental Medicine</i> , 2011 , 53, S62-7	2	32
73	In Vivo Toxicity Assessment of Occupational Components of the Carbon Nanotube Life Cycle To Provide Context to Potential Health Effects. <i>ACS Nano</i> , 2017 , 11, 8849-8863	16.7	30
72	The International Nuclear Workers Study (Inworks): A Collaborative Epidemiological Study to Improve Knowledge About Health Effects of Protracted Low-Dose Exposure. <i>Radiation Protection Dosimetry</i> , 2017 , 173, 21-25	0.9	30
71	Ionizing radiation and risk of chronic lymphocytic leukemia in the 15-country study of nuclear industry workers. <i>Radiation Research</i> , 2008 , 170, 661-5	3.1	30
70	The behavior and identification of toxic metals in complex mixtures: Examples from effluent and sediment pore water toxicity identification evaluations. <i>Archives of Environmental Contamination and Toxicology</i> , 1993 , 24, 298-306	3.2	28
69	The IARC Monographs: Updated Procedures for Modern and Transparent Evidence Synthesis in Cancer Hazard Identification. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 30-37	9.7	28
68	Exposure assessments for a cross-sectional epidemiologic study of US carbon nanotube and nanofiber workers. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 429-440	6.9	27
67	Cause-specific mortality among a cohort of U.S. flight attendants. <i>American Journal of Industrial Medicine</i> , 2012 , 55, 25-36	2.7	27
66	Risk of lung cancer and leukemia from exposure to ionizing radiation and potential confounders among workers at the Portsmouth Naval Shipyard. <i>Radiation Research</i> , 2005 , 163, 603-13	3.1	27
65	Cohort Profile: The International Nuclear Workers Study (INWORKS). <i>International Journal of Epidemiology</i> , 2016 , 45, 693-9	7.8	26
64	Assessment and indirect adjustment for confounding by smoking in cohort studies using relative hazards models. <i>American Journal of Epidemiology</i> , 2014 , 180, 933-40	3.8	26
63	Occupational radon exposure and lung cancer mortality: estimating intervention effects using the parametric g-formula. <i>Epidemiology</i> , 2014 , 25, 829-34	3.1	25
62	Exposure control strategies in the carbonaceous nanomaterial industry. <i>Journal of Occupational and Environmental Medicine</i> , 2011 , 53, S68-73	2	25
61	. <i>Environmental Toxicology and Chemistry</i> , 1993 , 12, 1261	3.8	24
60	Risk of leukaemia mortality from exposure to ionising radiation in US nuclear workers: a pooled case-control study. <i>Occupational and Environmental Medicine</i> , 2013 , 70, 41-8	2.1	23
59	Physicochemical characterization and genotoxicity of the broad class of carbon nanotubes and nanofibers used or produced in U.S. facilities. <i>Particle and Fibre Toxicology</i> , 2020 , 17, 62	8.4	23

58	A road map toward a globally harmonized approach for occupational health surveillance and epidemiology in nanomaterial workers. <i>Journal of Occupational and Environmental Medicine</i> , 2012 , 54, 1214-23	2	22
57	Mortality from Amyotrophic Lateral Sclerosis and Parkinson's Disease Among Different Occupation Groups - United States, 1985-2011. <i>Morbidity and Mortality Weekly Report</i> , 2017 , 66, 718-722	31.7	21
56	Breast cancer incidence in a cohort of U.S. flight attendants. <i>American Journal of Industrial Medicine</i> , 2015 , 58, 252-66	2.7	19
55	Cohort mortality study of workers at seven beryllium processing plants: update and associations with cumulative and maximum exposure. <i>Occupational and Environmental Medicine</i> , 2011 , 68, 345-53	2.1	19
54	A nested case-control study of leukemia mortality and ionizing radiation at the Portsmouth Naval Shipyard. <i>Radiation Research</i> , 2005 , 164, 810-9	3.1	19
53	Epidemiological Studies of Low-Dose Ionizing Radiation and Cancer: Rationale and Framework for the Monograph and Overview of Eligible Studies. <i>Journal of the National Cancer Institute Monographs</i> , 2020 , 2020, 97-113	4.8	19
52	Risk of lung cancer associated with quantitative beryllium exposure metrics within an occupational cohort. <i>Occupational and Environmental Medicine</i> , 2011 , 68, 354-60	2.1	18
51	Chronic lymphocytic leukemia radiogenicity: a systematic review. <i>Cancer Causes and Control</i> , 2007 , 18, 1077-93	2.8	18
50	Differences in mortality by radiation monitoring status in an expanded cohort of Portsmouth Naval Shipyard workers. <i>Journal of Occupational and Environmental Medicine</i> , 2004 , 46, 677-90	2	18
49	Examining temporal effects on cancer risk in the international nuclear workers study. <i>International Journal of Cancer</i> , 2017 , 140, 1260-1269	7.5	17
48	Adjustment for temporal confounders in a reanalysis of a case-control study of beryllium and lung cancer. <i>Occupational and Environmental Medicine</i> , 2008 , 65, 379-83	2.1	16
47	Risk of cancer associated with low-dose radiation exposure: comparison of results between the INWORKS nuclear workers study and the A-bomb survivors study. <i>Radiation and Environmental Biophysics</i> , 2021 , 60, 23-39	2	14
46	PUMA - pooled uranium miners analysis: cohort profile. <i>Occupational and Environmental Medicine</i> , 2020 , 77, 194-200	2.1	13
45	Bias and uncertainty of penetrating photon dose measured by film dosimeters in an epidemiological study of US nuclear workers. <i>Radiation Protection Dosimetry</i> , 2005 , 113, 275-89	0.9	13
44	Outcome Assessment in Epidemiological Studies of Low-Dose Radiation Exposure and Cancer Risks: Sources, Level of Ascertainment, and Misclassification. <i>Journal of the National Cancer Institute Monographs</i> , 2020 , 2020, 154-175	4.8	13
43	Association of occupational exposures with functional immune response in workers handling carbon nanotubes and nanofibers. <i>Nanotoxicology</i> , 2020 , 14, 404-419	5.3	12
42	Bias from matching on age at death or censor in nested case-control studies. <i>Epidemiology</i> , 2009 , 20, 330-8	3.1	12
41	Predicting levels of stress from biological assessment data: Empirical models from the Eastern Corn Belt Plains, Ohio, Usa. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1168-1175	3.8	11

40	Evaluation of Confounding and Selection Bias in Epidemiological Studies of Populations Exposed to Low-Dose, High-Energy Photon Radiation. <i>Journal of the National Cancer Institute Monographs</i> , 2020 , 2020, 133-153	4.8	11
39	Development of retrospective quantitative and qualitative job-exposure matrices for exposures at a beryllium processing facility. <i>Occupational and Environmental Medicine</i> , 2011 , 68, 361-5	2.1	10
38	Using regional exposure criteria and upstream reference data to characterize spatial and temporal exposures to chemical contaminants. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 1127-1135	3.8	10
37	Characterizing adoption of precautionary risk management guidance for nanomaterials, an emerging occupational hazard. <i>Journal of Occupational and Environmental Hygiene</i> , 2015 , 12, 69-75	2.9	9
36	Screening for PAHs by fluorescence spectroscopy: A comparison of calibrations. <i>Chemosphere</i> , 1995 , 31, 3345-3356	8.4	9
35	Assessment of occupational cosmic radiation exposure of flight attendants using questionnaire data. <i>Aviation, Space, and Environmental Medicine</i> , 2011 , 82, 1049-54		8
34	Bridging the gap between exposure assessment and inhalation toxicology: Some insights from the carbon nanotube experience. <i>Journal of Aerosol Science</i> , 2016 , 99, 157-162	4.3	8
33	Melanoma, thyroid cancer, and gynecologic cancers in a cohort of female flight attendants. <i>American Journal of Industrial Medicine</i> , 2018 , 61, 572-581	2.7	7
32	RADON IN US WORKPLACES: A REVIEW. <i>Radiation Protection Dosimetry</i> , 2017 , 176, 278-286	0.9	7
31	Evaluating bias from birth-cohort effects in the age-based cox proportional hazards model. <i>Epidemiology</i> , 2011 , 22, 249-56	3.1	7
30	Workshop summary: epidemiologic design strategies for studies of nanomaterial workers. <i>Journal of Occupational and Environmental Medicine</i> , 2011 , 53, S87-90	2	7
29	Assessment of plutonium exposures for an epidemiological study of US nuclear workers. <i>Radiation Protection Dosimetry</i> , 2006 , 118, 43-55	0.9	7
28	Using historical biological data to evaluate status and trends in the Big Darby Creek watershed (Ohio, USA). <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 1097-1105	3.8	7
27	Breast cancer incidence among female flight attendants: exposure-response analyses. <i>Scandinavian Journal of Work, Environment and Health</i> , 2016 , 42, 538-546	4.3	7
26	Mortality and cancer incidence among underground uranium miners in the Czech Republic 1977-1992. <i>Occupational and Environmental Medicine</i> , 2019 , 76, 511-518	2.1	6
25	Is beryllium-induced lung cancer caused only by soluble forms and high exposure levels?. <i>Occupational and Environmental Medicine</i> , 2017 , 74, 601-603	2.1	6
24	A Simulation Study of Relative Efficiency and Bias in the Nested Case-Control Study Design. <i>Epidemiologic Methods</i> , 2013 , 2, 85-93	2.2	6
23	Application of Toxicity Identification Evaluation Techniques to Pore Water from Buffalo River Sediments. <i>Journal of Great Lakes Research</i> , 1996 , 22, 534-544	3	6

22	Characterization and workplace exposure assessment of nanomaterial released from a carbon nanotube-enabled anti-corrosive coating. <i>NanoImpact</i> , 2018 , 12, 58-68	5.6	6
21	Re: exposure to beryllium and occurrence of lung cancer: a reexamination of findings from a nested case-control study. <i>Journal of Occupational and Environmental Medicine</i> , 2007 , 49, 708-9; author reply 709-11	2	5
20	Radon and cancer mortality among underground uranium miners in the Pöram region of the Czech Republic. <i>American Journal of Industrial Medicine</i> , 2020 , 63, 859-867	2.7	5
19	Predicting Occupational Exposures to Carbon Nanotubes and Nanofibers Based on Workplace Determinants Modeling. <i>Annals of Work Exposures and Health</i> , 2019 , 63, 158-172	2.4	4
18	Characterizing workforces exposed to current and emerging non-carbonaceous nanomaterials in the U.S. <i>Journal of Occupational and Environmental Hygiene</i> , 2018 , 15, 44-56	2.9	4
17	INWORKS study: risk of leukaemia from protracted radiation exposure - AuthorsTreply. <i>Lancet Haematology,the</i> , 2015 , 2, e405-6	14.6	4
16	Mammography dose in relation to body mass index, race, and menopausal status. <i>Radiation Protection Dosimetry</i> , 2002 , 98, 425-32	0.9	3
15	Ionizing Radiation 2017 ,		3
14	Prioritizing cancer hazard assessments for IARC Monographs using an integrated approach of database fusion and text mining. <i>Environment International</i> , 2021 , 156, 106624	12.9	3
13	0369 Breast cancer incidence among flight attendants. <i>Occupational and Environmental Medicine</i> , 2014 , 71, A46.1-A46	2.1	2
12	Strategies of the International Agency for Research on Cancer (IARC/WHO) to reduce the occupational cancer burden. <i>Meditsina Truda I Promyshlennaia Ekologiia</i> , 2021 , 61, 140-154	0.3	2
11	Cancer incidence and mortality among uranium miners in the Pöram region of the Czech Republic. <i>BIO Web of Conferences</i> , 2019 , 14, 04008	0.4	1
10	Histopathology of the broad class of carbon nanotubes and nanofibers used or produced in U.S. facilities in a murine model.. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 47	8.4	1
9	Crosswalks to convert U.S. Census Bureau industry and occupation codes, 1980-2018. <i>Epidemiology</i> , 2021 , 33,	3.1	1
8	Serum peptidome: diagnostic window into pathogenic processes following occupational exposure to carbon nanomaterials. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 39	8.4	1
7	Hazards at 10 000 m: studies of aircrew and their importance in understanding cancer risks from cosmic radiation and circadian disruption. <i>Occupational and Environmental Medicine</i> , 2020 , 77, 283-284	2.1	1
6	Re: Bias in the proportionate mortality ratio analysis of small study populations: A case on analyses of radiation and mesothelioma. <i>International Journal of Radiation Biology</i> , 2015 , 91, 908-10	2.9	
5	0045 Characterising adoption of precautionary risk management guidance for nanomaterials, an emerging occupational hazard. <i>Occupational and Environmental Medicine</i> , 2014 , 71, A64.1-A64	2.1	

4	Breast dose variability in a bi-racial population undergoing screening mammography. <i>Radiation Protection Dosimetry</i> , 2002 , 98, 417-24	0.9
3	Commentary: Role and communications of cancer hazard determinations.. <i>Carcinogenesis</i> , 2022 ,	4.6
2	Invited Perspective: Prioritizing Chemical Testing and Evaluation Using Validated Assays Relevant to Key Characteristics. <i>Environmental Health Perspectives</i> , 2021 , 129, 71303	8.4
1	Health burdens of uranium miners will extend beyond the radiation exposure compensation act deadline.. <i>Occupational and Environmental Medicine</i> , 2022 ,	2.1