

John B Cologne

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<i>RET/PTC</i> Rearrangements Preferentially Occurred in Papillary Thyroid Cancer among Atomic Bomb Survivors Exposed to High Radiation Dose. <i>Cancer Research</i> , 2008, 68, 7176-7182.	0.4	147
2	Proportional Hazards Regression in Epidemiologic Follow-up Studies. <i>Epidemiology</i> , 2012, 23, 565-573.	1.2	101
3	Risk Factors for Hepatocellular Carcinoma in a Japanese Population: A Nested Case-Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 846-854.	1.1	91
4	Longevity of atomic-bomb survivors. <i>Lancet</i> , The, 2000, 356, 303-307.	6.3	84
5	Serum interleukin-6 associated with hepatocellular carcinoma risk: A nested case-control study. <i>International Journal of Cancer</i> , 2014, 134, 154-163.	2.3	82
6	Aging-related changes in human T-cell repertoire over 20 years delineated by deep sequencing of peripheral T-cell receptors. <i>Experimental Gerontology</i> , 2017, 96, 29-37.	1.2	71
7	Risk Factors for Primary Breast Cancer in Japan: 8-Year Follow-Up of Atomic Bomb Survivors. <i>Preventive Medicine</i> , 1997, 26, 144-153.	1.6	68
8	White Blood Cell Count, Especially Neutrophil Count, as a Predictor of Hypertension in a Japanese Population. <i>Hypertension Research</i> , 2008, 31, 1391-1397.	1.5	65
9	Frequency of mutant T lymphocytes defective in the expression of the T-cell antigen receptor gene among radiation-exposed people. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 265, 173-180.	0.4	57
10	Heart Disease Mortality in the Life Span Study, 1950-2008. <i>Radiation Research</i> , 2017, 187, 319.	0.7	49
11	Improving the efficiency of nested case-control studies of interaction by selecting controls using counter matching on exposure. <i>International Journal of Epidemiology</i> , 2004, 33, 485-492.	0.9	44
12	Exposure to Ionizing Radiation and Development of Bone Sarcoma: New Insights Based on Atomic-Bomb Survivors of Hiroshima and Nagasaki. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1008-1015.	1.4	42
13	Radiosensitivity of Atomic Bomb Survivors as Determined with a Micronucleus Assay. <i>Radiation Research</i> , 1993, 134, 170.	0.7	41
14	Somatic Cell Mutations at the Glycophorin A Locus in Erythrocytes of Atomic Bomb Survivors: Implications for Radiation Carcinogenesis. <i>Radiation Research</i> , 1996, 146, 43.	0.7	39
15	The presence of BRAF point mutation in adult papillary thyroid carcinomas from atomic bomb survivors correlates with radiation dose. <i>Molecular Carcinogenesis</i> , 2007, 46, 242-248.	1.3	39
16	Effects of Radiation on Incidence of Primary Liver Cancer among Atomic Bomb Survivors. <i>Radiation Research</i> , 1999, 152, 364.	0.7	38
17	Chromosomal instability in BRCA1- or BRCA2-defective human cancer cells detected by spontaneous micronucleus assay. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 474, 15-23.	0.4	35
18	Normal transcapillary pressures in human skeletal muscle and subcutaneous tissues. <i>Microvascular Research</i> , 1981, 22, 177-189.	1.1	32

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19	Prevalence of Anti-hepatitis C Virus Antibody and Chronic Liver Disease among Atomic Bomb Survivors. <i>Radiation Research</i> , 2000, 154, 12-19.	0.7	32
20	Hepatocellular carcinoma among atomic bomb survivors: Significant interaction of radiation with hepatitis C virus infections. <i>International Journal of Cancer</i> , 2003, 103, 531-537.	2.3	32
21	Improved Estimates of Cancer Site-Specific Risks for A-Bomb Survivors. <i>Radiation Research</i> , 2008, 169, 87-98.	0.7	31
22	Conventional case-cohort design and analysis for studies of interaction. <i>International Journal of Epidemiology</i> , 2012, 41, 1174-1186.	0.9	31
23	Allowance for Random Dose Estimation Errors in Atomic Bomb Survivor Studies: A Revision. <i>Radiation Research</i> , 2008, 170, 118-126.	0.7	30
24	Impact of radiation and hepatitis virus infection on risk of hepatocellular carcinoma. <i>Hepatology</i> , 2011, 53, 1237-1245.	3.6	30
25	Temporal changes in liver cancer incidence rates in Japan: Accounting for death certificate inaccuracies and improving diagnostic techniques. <i>International Journal of Cancer</i> , 2001, 93, 751-758.	2.3	29
26	Radiation risk of individual multifactorial diseases in offspring of the atomic-bomb survivors: a clinical health study. <i>Journal of Radiological Protection</i> , 2013, 33, 281-293.	0.6	29
27	Ionizing Radiation Exposure and the Development of Soft-Tissue Sarcomas in Atomic-Bomb Survivors. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 222-229.	1.4	29
28	Radiation Risks of Uterine Cancer in Atomic Bomb Survivors: 1958-2009. <i>JNCI Cancer Spectrum</i> , 2018, 2, pky081.	1.4	29
29	Development of a flow-cytometric HLA-A locus mutation assay for human peripheral blood lymphocytes. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1992, 272, 17-29.	0.4	27
30	OPTIMAL CASE-CONTROL MATCHING IN PRACTICE. <i>Epidemiology</i> , 1995, 6, 271-275.	1.2	26
31	Flow Cytometric Measurements of Somatic Cell Mutations in Thorotrast Patients. <i>Japanese Journal of Cancer Research</i> , 1991, 82, 1349-1353.	1.7	25
32	Association of Weight Fluctuation With Mortality in Japanese Adults. <i>JAMA Network Open</i> , 2019, 2, e190731.	2.8	25
33	Radiosensitivity of Peripheral Blood Lymphocytes Obtained from Patients with Cancers of the Breast, Head and Neck or Cervix as Determined with a Micronucleus Assay. <i>Journal of Radiation Research</i> , 2004, 45, 535-541.	0.8	24
34	IMPACT OF COMPARISON GROUP ON COHORT DOSE RESPONSE REGRESSION. <i>Health Physics</i> , 2001, 80, 491-496.	0.3	23
35	Protecting Privacy of Shared Epidemiologic Data without Compromising Analysis Potential. <i>Journal of Environmental and Public Health</i> , 2012, 2012, 1-9.	0.4	23
36	Liver Cancer in Atomic-bomb Survivors: Histological Characteristics and Relationships to Radiation and Hepatitis B and C Viruses. <i>Journal of Radiation Research</i> , 2001, 42, 117-130.	0.8	21

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37	Study of the Titers of Anti-Epstein-Barr Virus Antibodies in the Sera of Atomic Bomb Survivors. <i>Radiation Research</i> , 1993, 133, 297.	0.7	20
38	Effect of radiation and cigarette smoking on expression of FUDR-inducible common fragile sites in human peripheral lymphocytes. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1995, 334, 197-203.	0.4	20
39	Prevalence of Hepatitis B Virus Infection among Atomic Bomb Survivors. <i>Radiation Research</i> , 2003, 159, 780-786.	0.7	20
40	Selecting Controls for Assessing Interaction in Nested Case-control Studies. <i>Journal of Epidemiology</i> , 2003, 13, 193-202.	1.1	20
41	A Bayesian Semiparametric Model for Radiation Dose-Response Estimation. <i>Risk Analysis</i> , 2016, 36, 1211-1223.	1.5	20
42	Gamma-ray- and Fission Neutron-induced Micronuclei PHA Stimulated and Unstimulated Human Lymphocytes.. <i>Journal of Radiation Research</i> , 1991, 32, 13-22.	0.8	18
43	Modelling haemopoietic stem cell division by analysis of mutant red cells. <i>British Journal of Haematology</i> , 2000, 110, 54-62.	1.2	17
44	Selection of reference groups in the Life Span Study of atomic bomb survivors. <i>European Journal of Epidemiology</i> , 2017, 32, 1055-1063.	2.5	17
45	Effect of Heterogeneity in Background Incidence on Inference about the Solid-Cancer Radiation Dose Response in Atomic Bomb Survivors. <i>Radiation Research</i> , 2019, 192, 388.	0.7	17
46	Lung cancer susceptibility among atomic bomb survivors in relation to CA repeat number polymorphism of epidermal growth factor receptor gene and radiation dose. <i>Carcinogenesis</i> , 2009, 30, 2037-2041.	1.3	15
47	Individual Variation of Somatic Gene Mutability in Relation to Cancer Susceptibility: Prospective Study on Erythrocyte Glycophorin A Gene Mutations of Atomic Bomb Survivors. <i>Cancer Research</i> , 2005, 65, 5462-5469.	0.4	14
48	Predicting Future Excess Events in Risk Assessment. <i>Risk Analysis</i> , 2009, 29, 885-899.	1.5	14
49	Longitudinal Trends of Total White Blood Cell and Differential White Blood Cell Counts of Atomic Bomb Survivors. <i>Journal of Radiation Research</i> , 2010, 51, 431-439.	0.8	14
50	Associations of Ionizing Radiation and Breast Cancer-Related Serum Hormone and Growth Factor Levels in Cancer-Free Female A-Bomb Survivors. <i>Radiation Research</i> , 2011, 176, 678.	0.7	14
51	X-Ray Induction of Micronuclei in Human Lymphocyte Subpopulations Differentiated by Immunoperoxidase Staining. <i>Radiation Research</i> , 1992, 131, 60.	0.7	13
52	Body iron stores and breast cancer risk in female atomic bomb survivors. <i>Cancer Science</i> , 2011, 102, 2236-2240.	1.7	12
53	Factors Affecting Line Transect Estimates of Dolphin School Density. <i>Journal of Wildlife Management</i> , 1987, 51, 836.	0.7	11
54	Uncertainty in estimating probability of causation in a cross-sectional study: joint effects of radiation and hepatitis-C virus on chronic liver disease. <i>Journal of Radiological Protection</i> , 2004, 24, 131-145.	0.6	11

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55	Effects of IL-10 Haplotype and Atomic Bomb Radiation Exposure on Gastric Cancer Risk. <i>Radiation Research</i> , 2013, 180, 60-69.	0.7	11
56	Application of Generalized Estimating Equations to a Study of In vitro Radiation Sensitivity. <i>Biometrics</i> , 1993, 49, 927.	0.8	10
57	Causal mediation analysis in nested case-control studies using conditional logistic regression. <i>Biometrical Journal</i> , 2020, 62, 1939-1959.	0.6	10
58	Effect of follow-up period on minimal-significant dose in the atomic-bomb survivor studies. <i>Radiation and Environmental Biophysics</i> , 2018, 57, 83-88.	0.6	9
59	Population Density in Hiroshima and Nagasaki Before the Bombings in 1945: Its Measurement and Impact on Radiation Risk Estimates in the Life Span Study of Atomic Bomb Survivors. <i>American Journal of Epidemiology</i> , 2018, 187, 1623-1629.	1.6	8
60	Statistical Issues in Biological Radiation Dosimetry for Risk Assessment Using Stable Chromosome Aberrations. <i>Health Physics</i> , 1998, 75, 518-529.	0.3	7
61	Bioavailable serum estradiol may alter radiation risk of postmenopausal breast cancer: a nested case-control study. <i>International Journal of Radiation Biology</i> , 2018, 94, 97-105.	1.0	7
62	Simulation-based Extrapolation for Bias Correction with Exposure Uncertainty in Radiation Risk Analysis Utilizing Grouped Data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2018, 67, 275-289.	0.5	7
63	Effect of Comparison Group on Inference about Effect Modification by Demographic Factors in Cohort Risk Regression. <i>Japanese Journal of Biometrics</i> , 2002, 23, 49-66.	0.0	7
64	ATTRIBUTABLE RISK FOR RADIATION IN THE PRESENCE OF OTHER RISK FACTORS. <i>Health Physics</i> , 2010, 99, 603-612.	0.3	6
65	Association Between Prevalence of Peripheral Artery Disease and Radiation Exposure in the Atomic Bomb Survivors. <i>Journal of the American Heart Association</i> , 2018, 7, e008921.	1.6	6
66	Stepwise approach to SNP-set analysis illustrated with the MetaboChip and colorectal cancer in Japanese Americans of the Multiethnic Cohort. <i>BMC Genomics</i> , 2018, 19, 524.	1.2	5
67	A small sample simulation study of methods for log odds ratio regression analysis. <i>Computational Statistics and Data Analysis</i> , 1990, 9, 217-235.	0.7	4
68	Smooth piecewise linear regression splines with hyperbolic covariates. <i>Journal of Applied Statistics</i> , 1994, 21, 221-233.	0.6	4
69	Misclassification of primary liver cancer in the Life Span Study of atomic bomb survivors. <i>International Journal of Cancer</i> , 2020, 147, 1294-1299.	2.3	4
70	Monitoring Exposure to Atomic Bomb Radiation by Somatic Mutation. <i>Environmental Health Perspectives</i> , 1996, 104, 493.	2.8	3
71	Effects of Omitting Non-confounding Predictors From General Relative-Risk Models for Binary Outcomes. <i>Journal of Epidemiology</i> , 2019, 29, 116-122.	1.1	3
72	Radiation effects on atherosclerosis in atomic bomb survivors: a cross-sectional study using structural equation modeling. <i>European Journal of Epidemiology</i> , 2021, 36, 401-414.	2.5	3

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73	Re: "Asymptotically Unbiased Estimation of Exposure Odds Ratios in Complete Records Logistic Regression". American Journal of Epidemiology, 2016, 184, 160-160.	1.6	2
74	Interaction between a single exposure and age in cohort-based hazard rate models impacted the statistical distribution of age at onset. Journal of Clinical Epidemiology, 2016, 71, 43-50.	2.4	2
75	Statistical comparison of ligand-binding kinetics. Statistics in Medicine, 1989, 8, 871-881.	0.8	1
76	Sampling Design: Counter Matching. Japanese Journal of Biometrics, 2007, 28, 47-58.	0.0	1
77	Commentary on "Development of a prediction model for 10-year risk of hepatocellular carcinoma: The Japan Public Health Center-based Prospective Study Cohort II" by Michikawa et al.. Preventive Medicine, 2012, 55, 144-145.	1.6	1
78	Radiation-dose response of glycophorin A somatic mutation in erythrocytes associated with gene polymorphisms of p53 binding protein 1. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 755, 49-54.	0.9	1
79	CD14 and IL18 gene polymorphisms associated with colorectal cancer subsite risks among atomic bomb survivors. Human Genome Variation, 2015, 2, 15035.	0.4	1
80	Chromosome aberrations among atomic-bomb survivors exposed in utero: updated analysis accounting for revised radiation doses and smoking. Radiation and Environmental Biophysics, 2022, 61, 59-72.	0.6	1
81	Statistical comparisons of ligand-binding kinetics. Statistics in Medicine, 1990, 9, 341-342.	0.8	0
82	Uncertainties in the Estimation of Radiation Risks and Probability of Disease Causation (NCRP Report) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	0
83	Abstract 4715: Genetic susceptibility to radiation-associated colon and rectum cancers among atomic-bomb survivors with special reference to the CD14 gene. , 2010, , .		0
84	Abstract 2199: CD14 gene polymorphisms associated with development of colorectal cancer subtypes among atomic bomb survivors in Japan. , 2014, , .		0
85	Abstract 2209: Effects of IL10 haplotypes and atomic bomb radiation exposure on risks of gastric cancer subtypes. , 2014, , .		0