

Jeffrey K Wickliffe

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.

87

papers

1,463

citations

21

h-index

33

g-index

93

ext. papers

1,612

ext. citations

3.7

avg, IF

4.19

L-index

#	Paper	IF	Citations
87	Limitation of the MTT and XTT assays for measuring cell viability due to superoxide formation induced by nano-scale TiO ₂ . <i>Toxicology in Vitro</i> , 2011 , 25, 2147-51	3.6	109
86	Nanoparticles: small and mighty. <i>International Journal of Dermatology</i> , 2011 , 50, 247-54	1.7	101
85	Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the upper Mississippi River, USA. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 260-271	3.8	55
84	Mixed-function oxygenases, oxidative stress, and chromosomal damage measured in lesser scaup wintering on the Indiana Harbor Canal. <i>Archives of Environmental Contamination and Toxicology</i> , 2000 , 38, 522-9	3.2	54
83	Single nucleotide polymorphisms of the DNA repair gene XPD/ERCC2 alter mRNA expression. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 897-905	1.9	52
82	Evaluation of polycyclic aromatic hydrocarbons using analytical methods, toxicology, and risk assessment research: seafood safety after a petroleum spill as an example. <i>Environmental Health Perspectives</i> , 2014 , 122, 6-9	8.4	43
81	VARIATION OF MITOCHONDRIAL CONTROL REGION SEQUENCES OF STELLER SEA LIONS: THE THREE-STOCK HYPOTHESIS. <i>Journal of Mammalogy</i> , 2005 , 86, 1075-1084	1.8	43
80	HPLC-ESI+-MS/MS analysis of N7-guanine-N7-guanine DNA cross-links in tissues of mice exposed to 1,3-butadiene. <i>Chemical Research in Toxicology</i> , 2007 , 20, 839-47	4	41
79	A targeted health risk assessment following the Deepwater Horizon oil spill: polycyclic aromatic hydrocarbon exposure in Vietnamese-American shrimp consumers. <i>Environmental Health Perspectives</i> , 2015 , 123, 152-9	8.4	39
78	Chronic exposure to nanosized, anatase titanium dioxide is not cyto- or genotoxic to Chinese hamster ovary cells. <i>Environmental and Molecular Mutagenesis</i> , 2011 , 52, 614-22	3.2	39
77	Consequences of polluted environments on population structure: the bank vole (<i>Clethrionomys glareolus</i>) at Chernobyl. <i>Ecotoxicology</i> , 2001 , 10, 211-6	2.9	38
76	Persistence and repair of bifunctional DNA adducts in tissues of laboratory animals exposed to 1,3-butadiene by inhalation. <i>Chemical Research in Toxicology</i> , 2011 , 24, 809-17	4	31
75	The L84F and the I143V polymorphisms in the O6-methylguanine-DNA-methyltransferase (MGMT) gene increase human sensitivity to the genotoxic effects of the tobacco-specific nitrosamine carcinogen NNK. <i>Pharmacogenetics and Genomics</i> , 2005 , 15, 571-8	1.9	30
74	Assessing the genotoxicity of chronic environmental irradiation by using mitochondrial dna heteroplasmy in the bank vole (<i>Clethrionomys glareolus</i>) at Chernobyl, Ukraine. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1249-1254	3.8	28
73	Accumulation of ¹³⁷ Cesium and ⁹⁰ Strontium from abiotic and biotic sources in rodents at Chernobyl, Ukraine. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1927-1935	3.8	28
72	Variability in human sensitivity to 1,3-butadiene: influence of polymorphisms in the 5Pflanking region of the microsomal epoxide hydrolase gene (EPHX1). <i>Toxicological Sciences</i> , 2005 , 85, 624-31	4.4	27
71	Louisiana residents self-reported lack of information following the Deepwater Horizon oil spill: Effects on seafood consumption and risk perception. <i>Journal of Environmental Management</i> , 2016 , 180, 526-37	7.9	26

70	Genetic Variability and Population Decline in Steller Sea Lions from the Gulf of Alaska. <i>Journal of Mammalogy</i> , 1998 , 79, 1390-1395	1.8	25
69	Elevated mitochondrial genome variation after 50 generations of radiation exposure in a wild rodent. <i>Evolutionary Applications</i> , 2017 , 10, 784-791	4.8	24
68	compMS2Miner: An Automatable Metabolite Identification, Visualization, and Data-Sharing R Package for High-Resolution LC-MS Data Sets. <i>Analytical Chemistry</i> , 2017 , 89, 3919-3928	7.8	23
67	Exposure to chronic, low-dose rate gamma-radiation at Chernobyl does not induce point mutations in Big Blue mice. <i>Environmental and Molecular Mutagenesis</i> , 2003 , 42, 11-8	3.2	22
66	A model of sensitivity: 1,3-butadiene increases mutant frequencies and genomic damage in mice lacking a functional microsomal epoxide hydrolase gene. <i>Environmental and Molecular Mutagenesis</i> , 2003 , 42, 106-110	3.2	20
65	Mitochondrial DNA heteroplasmy in laboratory mice experimentally enclosed in the radioactive Chernobyl environment. <i>Radiation Research</i> , 2003 , 159, 458-64	3.1	20
64	Association of polymorphisms in proinflammatory cytokine genes with the development of oral cancer in Southern Thailand. <i>International Journal of Hygiene and Environmental Health</i> , 2010 , 213, 146-52	6.9	19
63	Reconstruction of radioactive plume characteristics along Chernobyl's Western Trace. <i>Journal of Environmental Radioactivity</i> , 2004 , 71, 147-57	2.4	19
62	Experimental exposure of naive bank voles (<i>Clethrionomys glareolus</i>) to the Chernobyl, Ukraine, environment: A test of radioresistance. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1936-1941	3.8	19
61	New Information for Systematics, Taxonomy, and Phylogeography of the Rodent Genus <i>Apodemus</i> (<i>Sylvaemus</i>) in Ukraine. <i>Journal of Mammalogy</i> , 2007 , 88, 330-342	1.8	18
60	The RPTEC/TERT1 Cell Line as an Improved Tool for In Vitro Nephrotoxicity Assessments. <i>Biological Trace Element Research</i> , 2015 , 166, 66-71	4.5	17
59	The RPTEC/TERT1 cell line models key renal cell responses to the environmental toxicants, benzo[a]pyrene and cadmium. <i>Toxicology Reports</i> , 2014 , 1, 231-242	4.8	17
58	. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1927	3.8	17
57	Consumption of Fish and Shrimp from Southeast Louisiana Poses No Unacceptable Lifetime Cancer Risks Attributable to High-Priority Polycyclic Aromatic Hydrocarbons. <i>Risk Analysis</i> , 2018 , 38, 1944-1961	3.9	16
56	Subchronic exposure of BALB/c and C57BL/6 strains of <i>Mus musculus</i> to the radioactive environment of the Chernobyl, Ukraine exclusion zone. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2830-2835	3.8	16
55	CYP1A2*1F and GSTM1 alleles are associated with susceptibility to porphyria cutanea tarda. <i>Molecular Medicine</i> , 2011 , 17, 241-7	6.2	15
54	Mitochondrial control region variation in bank voles (<i>Clethrionomys glareolus</i>) is not related to Chernobyl radiation exposure. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 361-9	3.8	15
53	MOLECULAR SYSTEMATICS OF POCKET GOPHERS OF THE GENUS <i>GEOMYS</i> . <i>Journal of Mammalogy</i> , 2006 , 87, 668-676	1.8	15

52	Single nucleotide polymorphisms 5Pupstream the coding region of the NEIL2 gene influence gene transcription levels and alter levels of genetic damage. <i>Genes Chromosomes and Cancer</i> , 2008 , 47, 923-32 ⁵		14
51	The L84F polymorphism in the O6-Methylguanine-DNA-Methyltransferase (MGMT) gene is associated with increased hypoxanthine phosphoribosyltransferase (HPRT) mutant frequency in lymphocytes of tobacco smokers. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 743-53	1.9	14
50	Multiparametric assessment of bursal lymphocyte apoptosis. <i>Developmental and Comparative Immunology</i> , 1999 , 23, 487-500	3.2	14
49	Mercury Levels in Women and Children from Interior Villages in Suriname, South America. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	13
48	Cadmium alters the formation of benzo[a]pyrene DNA adducts in the RPTEC/TERT1 human renal proximal tubule epithelial cell line. <i>Toxicology Reports</i> , 2014 , 1, 391-400	4.8	13
47	Flow cytometric analysis of hematocytes from brown pelicans (<i>Pelecanus occidentalis</i>) exposed to planar halogenated hydrocarbons and heavy metals. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1998 , 61, 239-46	2.7	13
46	Influence of promoter/enhancer region haplotypes on MGMT transcriptional regulation: a potential biomarker for human sensitivity to alkylating agents. <i>Carcinogenesis</i> , 2014 , 35, 564-71	4.6	12
45	Correlations of Biomarkers and Self-Reported Seafood Consumption among Pregnant and Non-Pregnant Women in Southeastern Louisiana after the Gulf Oil Spill: The GROWH Study. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	12
44	Detoxification of olefinic epoxides and nucleotide excision repair of epoxide-mediated DNA damage: Insights from animal models examining human sensitivity to 1,3-butadiene. <i>Chemico-Biological Interactions</i> , 2007 , 166, 226-31	5	12
43	Diet-induced obesity increases the frequency of Pig-a mutant erythrocytes in male C57BL/6J mice. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 668-677	3.2	11
42	Regulatory regions responsive to oxidative stress in the promoter of the human DNA glycosylase gene NEIL2. <i>Mutagenesis</i> , 2010 , 25, 171-7	2.8	11
41	Presence of pesticide residues on produce cultivated in Suriname. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 303	3.1	10
40	Variation in mitochondrial DNA control region haplotypes in populations of the bank vole, <i>Clethrionomys glareolus</i> , living in the Chernobyl environment, Ukraine. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 503-8	3.8	10
39	K-ras oncogene DNA sequences in pink salmon in streams impacted by the Exxon Valdez oil spill: no evidence of oil-induced heritable mutations. <i>Ecotoxicology</i> , 2002 , 11, 233-41	2.9	10
38	. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1249	3.8	10
37	Gene expression, cell localization, and evolution of rodent submandibular gland androgen-binding protein. <i>European Journal of Morphology</i> , 2002 , 40, 257-60		10
36	Increased long-term health risks attributable to select volatile organic compounds in residential indoor air in southeast Louisiana. <i>Scientific Reports</i> , 2020 , 10, 21649	4.9	10
35	Advancing Environmental Health Literacy: Validated Scales of General Environmental Health and Environmental Media-Specific Knowledge, Attitudes and Behaviors. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	8

34	A comprehensive haplotype analysis of the XPC genomic sequence reveals a cluster of genetic variants associated with sensitivity to tobacco-smoke mutagens. <i>Toxicological Sciences</i> , 2010 , 115, 41-50	4.4	8
33	Evaluation of frequencies of HPRT mutant lymphocytes in butadiene polymer workers in a Southeast Texas facility. <i>Environmental and Molecular Mutagenesis</i> , 2009 , 50, 82-7	3.2	8
32	3,4-Epoxy-1-butene, a reactive metabolite of 1,3-butadiene, induces somatic mutations in Xpc-null mice. <i>Environmental and Molecular Mutagenesis</i> , 2006 , 47, 67-70	3.2	8
31	. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1936	3.8	8
30	Exposure to total and methylmercury among pregnant women in Suriname: sources and public health implications. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021 , 31, 117-125	6.7	8
29	The Cumulative Risk of Chemical and Nonchemical Exposures on Birth Outcomes in Healthy Women: The Fetal Growth Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	7
28	Evolution of the ABPA subunit of androgen-binding protein expressed in the submaxillary glands in New and Old World rodent taxa. <i>Journal of Molecular Evolution</i> , 2013 , 76, 324-31	3.1	6
27	Aryl hydrocarbon receptor signaling, toxicity, and gene expression responses to mono-methylchrysenes. <i>Environmental Toxicology</i> , 2019 , 34, 992-1000	4.2	5
26	A critique of the manuscript: "Distribution and concentrations of petroleum hydrocarbons associated with the BP/Deepwater Horizon oil spill, Gulf of Mexico". <i>Marine Pollution Bulletin</i> , 2014 , 79, 389-90	6.7	5
25	Genetic Evidence for XPC-KRAS Interactions During Lung Cancer Development. <i>Journal of Genetics and Genomics</i> , 2015 , 42, 589-596	4	5
24	Cell cycle disruption in wild rodent populations as an endpoint in detecting exposure and effect. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2000 , 64, 448-54	2.7	5
23	Caribbean Consortium for Research in Environmental and Occupational Health (CCREOH) Cohort Study: influences of complex environmental exposures on maternal and child health in Suriname. <i>BMJ Open</i> , 2020 , 10, e034702	3	5
22	Assessing the genotoxicity of chronic environmental irradiation by using mitochondrial DNA heteroplasmy in the bank vole (<i>Clethrionomys glareolus</i>) at Chernobyl, Ukraine. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1249-54	3.8	4
21	Prenatal Mercury Exposure in Pregnant Women from Suriname's Interior and Its Effects on Birth Outcomes. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
20	Influence of Prenatal Exposure to Mercury, Perceived Stress, and Depression on Birth Outcomes in Suriname: Results from the MeKiTamara Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
19	Major concerns about study design and clinical biomarker interpretation. <i>American Journal of Medicine</i> , 2014 , 127, e21-2	2.4	3
18	Cultural influences on the management of environmental health risks among low-income pregnant women. <i>Health, Risk and Society</i> , 2017 , 19, 369-386	2	3
17	. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2830	3.8	3

16	Soil Contaminant Concentrations at Urban Agricultural Sites in New Orleans, Louisiana: A Comparison of Two Analytical Methods. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 1-11	2.4	3
15	Analysis of Pesticides and Toxic Heavy Metals Contained in Mosquito Coils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016 , 97, 614-618	2.7	3
14	An Assessment of Environmental Health Measures in the Deepwater Horizon Research Consortia. <i>Current Opinion in Toxicology</i> , 2019 , 16, 75-82	4.4	2
13	Assessing science motivation among high school students participating in a supplemental science programme: the Emerging Scholars Environmental Health Sciences Academy. <i>International Journal of Science Education</i> , 2019 , 41, 2508-2523	2.2	2
12	Assessment of an irritant gas plume model for epidemiologic study. <i>International Journal of Environmental Health Research</i> , 2017 , 27, 276-292	3.6	2
11	Response to the Letter of Y. Dubrova. <i>Radiation Research</i> , 2003 , 160, 611-612	3.1	2
10	Arsenic Concentrations in Household Drinking Water: A Cross-Sectional Survey of Pregnant Women in Tacna, Peru, 2019. <i>Exposure and Health</i> , 2020 , 12, 555-560	8.8	2
9	Part 3. Assessment of genotoxicity and oxidative damage in rats after chronic exposure to new-technology diesel exhaust in the ACES bioassay. <i>Research Report (health Effects Institute)</i> , 2015 , 87-105; discussion 141-71	0.9	2
8	Determinants of vitamin D status among Black and White low-income pregnant and non-pregnant reproductive-aged women from Southeast Louisiana. <i>BMC Pregnancy and Childbirth</i> , 2019 , 19, 111	3.2	1
7	IDENTIFYING VOUCHER SPECIMENS INVOLVING RISK: SHREWS FROM CHORNOBYL, UKRAINE. <i>Journal of Mammalogy</i> , 2003 , 84, 117-122	1.8	1
6	Re: Dubrova et al. "Induction of minisatellite mutations in the mouse germline by low-dose chronic exposure to gamma-radiation and fission neutrons". <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001 , 478, 207-10	3.3	1
5	The Cumulative Risk of Prenatal Exposures to Chemical and Non-Chemical Stressors on Birth Outcomes in Suriname. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
4	Self-reported oil spill exposure and birth outcomes among southern Louisiana women at the time of the Gulf oil spill: The GROWH study. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 237, 113829	6.9	0
3	Advanced Collaborative Emissions Study Auxiliary Findings on 2007-Compliant Diesel Engines: A Comparison With Diesel Exhaust Genotoxicity Effects Prior to 2007. <i>Environmental Health Insights</i> , 2017 , 11, 1178630217714215	1.4	
2	Butadiene-Mediated Mutagenesis and Carcinogenesis 2008 , 1-31		
1	The distribution of disease in the Republic of Suriname - A pharmacoepidemiological analysis using the claims database of the State Health Foundation of the year 2017.. <i>Journal of Public Health and Epidemiology</i> , 2021 , 13, 272-281	0.3	