Jeffrey K Wickliffe

List of Publications by Year
in descending order

93 papers	1,805 citations	257450 24 h-index	330143 37 g-index

93 all docs	93 docs citations	93 times ranked	2433 citing authors

#	Article	IF	Citations
1	Limitation of the MTT and XTT assays for measuring cell viability due to superoxide formation induced by nano-scale TiO2. Toxicology in Vitro, 2011, 25, 2147-2151.	2.4	134
2	Nanoparticles: small and mighty. International Journal of Dermatology, 2011, 50, 247-254.	1.0	125
3	Mixed-Function Oxygenases, Oxidative Stress, and Chromosomal Damage Measured in Lesser Scaup Wintering on the Indiana Harbor Canal. Archives of Environmental Contamination and Toxicology, 2000, 38, 522-529.	4.1	63
4	Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the upper Mississippi River, USA. Environmental Toxicology and Chemistry, 1997, 16, 260-271.	4.3	62
5	Single nucleotide polymorphisms of the DNA repair gene XPD/ERCC2 alter mRNA expression. Pharmacogenetics and Genomics, 2007, 17, 897-905.	1.5	57
6	Evaluation of Polycyclic Aromatic Hydrocarbons Using Analytical Methods, Toxicology, and Risk Assessment Research: Seafood Safety after a Petroleum Spill as an Example. Environmental Health Perspectives, 2014, 122, 6-9.	6.0	53
7	Consequences of polluted environments on population structure: the bank vole (Clethrionomys) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	47
8	VARIATION OF MITOCHONDRIAL CONTROL REGION SEQUENCES OF STELLER SEA LIONS: THE THREE-STOCK HYPOTHESIS. Journal of Mammalogy, 2005, 86, 1075-1084.	1.3	45
9	Chronic exposure to nanosized, anatase titanium dioxide is not cyto- or genotoxic to Chinese hamster ovary cells. Environmental and Molecular Mutagenesis, 2011, 52, 614-622.	2.2	44
10	A Targeted Health Risk Assessment Following the Deepwater Horizon Oil Spill: Polycyclic Aromatic Hydrocarbon Exposure in Vietnamese-American Shrimp Consumers. Environmental Health Perspectives, 2015, 123, 152-159.	6.0	44
11	HPLCâ^'ESI+-MS/MS Analysis of N7-Guanineâ^'N7-Guanine DNA Cross-Links in Tissues of Mice Exposed to 1,3-Butadiene. Chemical Research in Toxicology, 2007, 20, 839-847.	3.3	43
12	Elevated mitochondrial genome variation after 50 generations of radiation exposure in a wild rodent. Evolutionary Applications, 2017, 10, 784-791.	3.1	40
13	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. Pharmacogenetics and Genomics, 2005, 15, 571-578.	1.5	35
14	Accumulation of ¹³⁷Cesium and ⁹⁰Strontium from abiotic and biotic sources in rodents at Chornobyl, Ukraine. Environmental Toxicology and Chemistry, 2001, 20, 1927-1935.	4.3	33
15	Genetic Variability and Population Decline in Steller Sea Lions from the Gulf of Alaska. Journal of Mammalogy, 1998, 79, 1390-1395.	1.3	32
16	Persistence and Repair of Bifunctional DNA Adducts in Tissues of Laboratory Animals Exposed to 1,3-Butadiene by Inhalation. Chemical Research in Toxicology, 2011, 24, 809-817.	3.3	32
17	Louisiana residentsâ€™ self-reported lack of information following the Deepwater Horizon oil spill: Effects on seafood consumption and risk perception. Journal of Environmental Management, 2016, 180, 526-537.	7.8	32
18	Assessing the genotoxicity of chronic environmental irradiation by using mitochondrial dna heteroplasmy in the bank vole (Clethrionomys glareolus) at Chornobyl, Ukraine. Environmental Toxicology and Chemistry, 2002, 21, 1249-1254.	4.3	30

#	Article	IF	Citations
19	Increased long-term health risks attributable to select volatile organic compounds in residential indoor air in southeast Louisiana. Scientific Reports, 2020, 10, 21649.	3.3	29
20	Variability in Human Sensitivity to 1,3-Butadiene: Influence of Polymorphisms in the 5â€²-Flanking Region of the Microsomal Epoxide Hydrolase Gene (EPHX1). Toxicological Sciences, 2005, 85, 624-631.	3.1	28
21	Exposure to chronic, low-dose rate ?-radiation at Chornobyl does not induce point mutations in Big Blueï¿½ mice. Environmental and Molecular Mutagenesis, 2003, 42, 11-18.	2.2	27
22	compMS2Miner: An Automatable Metabolite Identification, Visualization, and Data-Sharing R Package for High-Resolution LCâ€“MS Data Sets. Analytical Chemistry, 2017, 89, 3919-3928.	6.5	27
23	Reconstruction of radioactive plume characteristics along Chernobylâ€™s Western Trace. Journal of Environmental Radioactivity, 2004, 71, 147-157.	1.7	26
24	Experimental exposure of naive bank voles (Clethrionomys glareolus) to the Chornobyl, Ukraine, environment: A test of radioresistance. Environmental Toxicology and Chemistry, 2001, 20, 1936-1941.	4.3	25
25	The RPTEC/TERT1 Cell Line as an Improved Tool for In Vitro Nephrotoxicity Assessments. Biological Trace Element Research, 2015, 166, 66-71.	3.5	24
26	Mitochondrial DNA Heteroplasmy in Laboratory Mice Experimentally Enclosed in the Radioactive Chernobyl Environment. Radiation Research, 2003, 159, 458-464.	1.5	22
27	A model of sensitivity: 1,3-butadiene increases mutant frequencies and genomic damage in mice lacking a functional microsomal epoxide hydrolase gene. Environmental and Molecular Mutagenesis, 2003, 42, 106-110.	2.2	20
28	Association of polymorphisms in proinflammatory cytokine genes with the development of oral cancer in Southern Thailand. International Journal of Hygiene and Environmental Health, 2010, 213, 146-152.	4.3	20
29	Exposure to total and methylmercury among pregnant women in Suriname: sources and public health implications. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 117-125.	3.9	20
30	New Information for Systematics, Taxonomy, and Phylogeography of the Rodent GenusApodemus(Sylvaemus) in Ukraine. Journal of Mammalogy, 2007, 88, 330-342.	1.3	19
31	CYP1A2*1F and GSTM1 Alleles Are Associated with Susceptibility to Porphyria Cutanea Tarda. Molecular Medicine, 2011, 17, 241-247.	4.4	19
32	The RPTEC/TERT1 cell line models key renal cell responses to the environmental toxicants, benzo[a]pyrene and cadmium. Toxicology Reports, 2014, 1, 231-242.	3.3	19
33	Mercury Levels in Women and Children from Interior Villages in Suriname, South America. International Journal of Environmental Research and Public Health, 2018, 15, 1007.	2.6	19
34	Advancing Environmental Health Literacy: Validated Scales of General Environmental Health and Environmental Media-Specific Knowledge, Attitudes and Behaviors. International Journal of Environmental Research and Public Health, 2019, 16, 4157.	2.6	19
35	Consumption of Fish and Shrimp from Southeast Louisiana Poses No Unacceptable Lifetime Cancer Risks Attributable to Highâ€Priority Polycyclic Aromatic Hydrocarbons. Risk Analysis, 2018, 38, 1944-1961.	2.7	18
36	Subchronic exposure of BALB/c and C57BL/6 strains of Mus musculus to the radioactive environment of the Chornobyl, Ukraine exclusion zone. Environmental Toxicology and Chemistry, 2001, 20, 2830-2835.	4.3	17

#	Article	IF	Citations
37	MOLECULAR SYSTEMATICS OF POCKET GOPHERS OF THE GENUS GEOMYS. Journal of Mammalogy, 2006, 87, 668-676.	1.3	17
38	MITOCHONDRIAL CONTROL REGION VARIATION IN BANK VOLES (CLETHRIONOMYS GLAREOLUS) IS NOT RELATED TO CHERNOBYL RADIATION EXPOSURE. Environmental Toxicology and Chemistry, 2007, 26, 361.	4.3	17
39	ACCUMULATION OF 137CESIUM AND 90STRONTIUM FROM ABIOTIC AND BIOTIC SOURCES IN RODENTS AT CHORNOBYL, UKRAINE. Environmental Toxicology and Chemistry, 2001, 20, 1927.	4.3	17
40	The L84F polymorphism in the O 6 -Methylguanine-DNA-Methyltransferase (MGMT) gene is associated with increased hypoxanthine phosphoribosyltransferase (HPRT) mutant frequency in lymphocytes of tobacco smokers. Pharmacogenetics and Genomics, 2007, 17, 743-753.	1.5	16
41	Single nucleotide polymorphisms 5â€² upstream the coding region of the NEIL2 gene influence gene transcription levels and alter levels of genetic damage. Genes Chromosomes and Cancer, 2008, 47, 923-932.	2.8	16
42	Influence of promoter/enhancer region haplotypes on MGMT transcriptional regulation: a potential biomarker for human sensitivity to alkylating agents. Carcinogenesis, 2014, 35, 564-571.	2.8	16
43	Flow Cytometric Analysis of Hematocytes from Brown Pelicans (Pelecanus occidentalis) Exposed to Planar Halogenated Hydrocarbons and Heavy Metals. Bulletin of Environmental Contamination and Toxicology, 1998, 61, 239-246.	2.7	15
44	Regulatory regions responsive to oxidative stress in the promoter of the human DNA glycosylase gene NEIL2. Mutagenesis, 2010, 25, 171-177.	2.6	15
45	Presence of pesticide residues on produce cultivated in Suriname. Environmental Monitoring and Assessment, 2017, 189, 303.	2.7	15
46	The Cumulative Risk of Chemical and Nonchemical Exposures on Birth Outcomes in Healthy Women: The Fetal Growth Study. International Journal of Environmental Research and Public Health, 2019, 16, 3700.	2.6	15
47	Multiparametric assessment of bursal lymphocyte apoptosis. Developmental and Comparative Immunology, 1999, 23, 487-500.	2.3	14
48	Editorial: The Unknown Environmental Tragedy in Sumgayit, Azerbaijan. Ecotoxicology, 2003, 12, 505-508.	2.4	14
49	Cadmium alters the formation of benzo[a]pyrene DNA adducts in the RPTEC/TERT1 human renal proximal tubule epithelial cell line. Toxicology Reports, 2014, 1, 391-400.	3.3	14
50	Caribbean Consortium for Research in Environmental and Occupational Health (CCREOH) Cohort Study: influences of complex environmental exposures on maternal and child health in Suriname. BMJ Open, 2020, 10, e034702.	1.9	14
51	Detoxification of olefinic epoxides and nucleotide excision repair of epoxide-mediated DNA damage: Insights from animal models examining human sensitivity to 1,3-butadiene. Chemico-Biological Interactions, 2007, 166, 226-231.	4.0	13
52	K-ras oncogene DNA sequences in pink salmon in streams impacted by the Exxon Valdez oil spill: no evidence of oil-induced heritable mutations. Ecotoxicology, 2002, 11, 233-241.	2.4	12
53	Dietâ€induced obesity increases the frequency of Pigâ€a mutant erythrocytes in male C57BL/6J mice. Environmental and Molecular Mutagenesis, 2016, 57, 668-677.	2.2	12
54	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. International Journal of Environmental Research and Public Health, 2017, 14, 784.	2.6	12

#	Article	IF	Citations
55	Gene Expression, Cell Localization, and Evolution of Rodent Submandibular Gland Androgen-Binding Protein. European Journal of Morphology, 2002, 40, 257-260.	0.8	12
56	ASSESSING THE GENOTOXICITY OF CHRONIC ENVIRONMENTAL IRRADIATION BY USING MITOCHONDRIAL DNA HETEROPLASMY IN THE BANK VOLE (CLETHRIONOMYS GLAREOLUS) AT CHORNOBYL, UKRAINE. Environmental Toxicology and Chemistry, 2002, 21, 1249.	4.3	12
57	VARIATION IN MITOCHONDRIAL DNA CONTROL REGION HAPLOTYPES IN POPULATIONS OF THE BANK VOLE, CLETHRIONOMYS GLAREOLUS, LIVING IN THE CHERNOBYL ENVIRONMENT, UKRAINE. Environmental Toxicology and Chemistry, 2006, 25, 503.	4.3	11
58	Prenatal Mercury Exposure in Pregnant Women from Surinameâ€™s Interior and Its Effects on Birth Outcomes. International Journal of Environmental Research and Public Health, 2020, 17, 4032.	2.6	11
59	3,4-Epoxy-1-butene, a reactive metabolite of 1,3-butadiene, induces somatic mutations inXpc-null mice. Environmental and Molecular Mutagenesis, 2006, 47, 67-70.	2.2	9
60	Evaluation of frequencies of HPRT mutant lymphocytes in butadiene polymer workers in a Southeast Texas facility. Environmental and Molecular Mutagenesis, 2009, 50, 82-87.	2.2	9
61	A Comprehensive Haplotype Analysis of the XPC Genomic Sequence Reveals a Cluster of Genetic Variants Associated with Sensitivity to Tobacco-Smoke Mutagens. Toxicological Sciences, 2010, 115, 41-50.	3.1	8
62	Genetic Evidence for XPC-KRAS Interactions During Lung Cancer Development. Journal of Genetics and Genomics, 2015, 42, 589-596.	3.9	8
63	Assessing science motivation among high school students participating in a supplemental science programme: the Emerging Scholars Environmental Health Sciences Academy. International Journal of Science Education, 2019, 41, 2508-2523.	1.9	8
64	Arsenic Concentrations in Household Drinking Water: AÂCross-Sectional Survey of Pregnant Women in Tacna, Peru, 2019. Exposure and Health, 2020, 12, 555-560.	4.9	8
65	Influence of Prenatal Exposure to Mercury, Perceived Stress, and Depression on Birth Outcomes in Suriname: Results from the MeKiTamara Study. International Journal of Environmental Research and Public Health, 2020, 17, 4444.	2.6	8
66	EXPERIMENTAL EXPOSURE OF NAIVE BANK VOLES (CLETHRIONOMYS GLAREOLUS) TO THE CHORNOBYL, UKRAINE, ENVIRONMENT: A TEST OF RADIORESISTANCE. Environmental Toxicology and Chemistry, 2001, 20, 1936.	4.3	8
67	Evolution of the ABPA Subunit of Androgen-Binding Protein Expressed in the Submaxillary Glands in New and Old World Rodent Taxa. Journal of Molecular Evolution, 2013, 76, 324-331.	1.8	7
68	Analysis of Pesticides and Toxic Heavy Metals Contained in Mosquito Coils. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 614-618.	2.7	7
69	Aryl hydrocarbon receptor signaling, toxicity, and gene expression responses to monoâ€methylchrysenes. Environmental Toxicology, 2019, 34, 992-1000.	4.0	6
70	Assessing the genotoxicity of chronic environmental irradiation by using mitochondrial DNA heteroplasmy in the bank vole (Clethrionomys glareolus) at Chornobyl, Ukraine. Environmental Toxicology and Chemistry, 2002, 21, 1249-54.	4.3	6
71	Cell Cycle Disruption in Wild Rodent Populations as an Endpoint in Detecting Exposure and Effect. Bulletin of Environmental Contamination and Toxicology, 2000, 64, 448-454.	2.7	5
72	A critique of the manuscript: â€œDistribution and concentrations of petroleum hydrocarbons associated with the BP/Deepwater Horizon oil spill, Gulf of Mexicoâ€• Marine Pollution Bulletin, 2014, 79, 389-390.	5.0	5

#	Article	IF	Citations
73	Assessment of an irritant gas plume model for epidemiologic study. International Journal of Environmental Health Research, 2017, 27, 276-292.	2.7	4
74	The Cumulative Risk of Prenatal Exposures to Chemical and Non-Chemical Stressors on Birth Outcomes in Suriname. International Journal of Environmental Research and Public Health, 2021, 18, 7683.	2.6	4
75	Soil Contaminant Concentrations at Urban Agricultural Sites in New Orleans, Louisiana: A Comparison of Two Analytical Methods. Journal of Agriculture, Food Systems, and Community Development, 0, , 1-11.	2.4	4
76	Part 3. Assessment of genotoxicity and oxidative damage in rats after chronic exposure to new-technology diesel exhaust in the ACES bioassay. Research Report (health Effects Institute), 2015, , 87-105; discussion 141-71.	1.6	4
77	Letter to the Editor. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 478, 207-208.	1.0	3
78	Major Concerns About Study Design and Clinical Biomarker Interpretation. American Journal of Medicine, 2014, 127, e21-e22.	1.5	3
79	Cultural influences on the management of environmental health risks among low-income pregnant women. Health, Risk and Society, 2017, 19, 369-386.	1.7	3
80	An assessment of environmental health measures in the Deepwater Horizon Research Consortia. Current Opinion in Toxicology, 2019, 16, 75-82.	5.0	3
81	Response to the Letter of Y. Dubrova. Radiation Research, 2003, 160, 611-612.	1.5	3
82	SUBCHRONIC EXPOSURE OF BALB/C AND C57BL/6 STRAINS OF MUS MUSCULUS TO THE RADIOACTIVE ENVIRONMENT OF THE CHORNOBYL, UKRAINE EXCLUSION ZONE. Environmental Toxicology and Chemistry, 2001, 20, 2830.	4.3	3
83	Determinants of vitamin D status among Black and White low-income pregnant and non-pregnant reproductive-aged women from Southeast Louisiana. BMC Pregnancy and Childbirth, 2019, 19, 111.	2.4	2
84	The Environmental Health and Emergency Preparedness Impacts of Hurricane Katrina. American Journal of Public Health, 2020, 110, 1476-1477.	2.7	2
85	Association of Mercury Exposure and Maternal Sociodemographics on Birth Outcomes of Indigenous and Tribal Women in Suriname. International Journal of Environmental Research and Public Health, 2021, 18, 6370.	2.6	2
86	Dietary Exposure to Pesticides in Tannia in Pregnant Surinamese Women. ISEE Conference Abstracts, 2018, 2018, .	0.0	2
87	IDENTIFYING VOUCHER SPECIMENS INVOLVING RISK: SHREWS FROM CHORNOBYL, UKRAINE. Journal of Mammalogy, 2003, 84, 117-122.	1.3	1
88	Self-reported oil spill exposure and birth outcomes among southern Louisiana women at the time of the Gulf oil spill: The GROWH study. International Journal of Hygiene and Environmental Health, 2021, 237, 113829.	4.3	1
89	Advanced Collaborative Emissions Study Auxiliary Findings on 2007-Compliant Diesel Engines: A Comparison With Diesel Exhaust Genotoxicity Effects Prior to 2007. Environmental Health Insights, 2017, 11, 117863021771421.	1.7	0
90	Butadiene-Mediated Mutagenesis and Carcinogenesis. , 2008, , 1-31.		0

#	Article	IF	Citations
91	Prevalence and safety of prescription medicine use during pregnancy in the Republic of Suriname in the year 2017: a pharmacoepidemiological analysis. Advances in Pharmacoepidemiology & Drug Safety, 2021, 10, .	0.1	0
92	Linking complex disease and exposure dataâ€"insights from an environmental and occupational health study. Journal of Exposure Science and Environmental Epidemiology, 2022, , .	3.9	0
93	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.. Journal of Public Health and Epidemiology, 2021, 13, 272-281.	0.3	0