

Mark A Harris

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.

65
papers

2,200
citations

29
h-index

45
g-index

65
ext. papers

2,343
ext. citations

5.6
avg, IF

4.11
L-index

#	Paper	IF	Citations
65	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and related compounds as antioestrogens: characterization and mechanism of action. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1991 , 69, 400-9		208
64	Dioxin in soil: bioavailability after ingestion by rats and guinea pigs. <i>Science</i> , 1984 , 223, 1077-9	33.3	117
63	A chronic oral reference dose for hexavalent chromium-induced intestinal cancer. <i>Journal of Applied Toxicology</i> , 2014 , 34, 525-36	4.1	103
62	Development of a refined database of mammalian relative potency estimates for dioxin-like compounds. <i>Toxicological Sciences</i> , 2006 , 89, 4-30	4.4	103
61	2,2',4,4',5,5'-hexachlorobiphenyl as a 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonist in C57BL/6J mice. <i>Toxicology and Applied Pharmacology</i> , 1989 , 97, 561-71	4.6	90
60	Risk of gastrointestinal disease associated with exposure to pathogens in the water of the Lower Passaic River. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 994-1003	4.8	77
59	Investigation of the mode of action underlying the tumorigenic response induced in B6C3F1 mice exposed orally to hexavalent chromium. <i>Toxicological Sciences</i> , 2011 , 123, 58-70	4.4	70
58	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds on the occupied nuclear estrogen receptor in MCF-7 human breast cancer cells. <i>Cancer Research</i> , 1990 , 50, 3579-84	10.1	67
57	Evidence for the mechanism of action of the 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated decrease of nuclear estrogen receptor levels in wild-type and mutant mouse Hepa 1c1c7 cells. <i>Biochemical Pharmacology</i> , 1991 , 41, 1931-9	6	65
56	Chemometric comparisons of polychlorinated dibenzo-p-dioxin and dibenzofuran residues in surficial sediments from Newark Bay, New Jersey and other industrialized waterways. <i>Archives of Environmental Contamination and Toxicology</i> , 1992 , 22, 397-413	3.2	62
55	Structure-dependent induction of aryl hydrocarbon hydroxylase in human breast cancer cell lines and characterization of the Ah receptor. <i>Cancer Research</i> , 1989 , 49, 4531-5	10.1	57
54	Application of the U.S. EPA mode of action Framework for purposes of guiding future research: a case study involving the oral carcinogenicity of hexavalent chromium. <i>Toxicological Sciences</i> , 2011 , 119, 20-40	4.4	52
53	Assessment of the mode of action underlying development of rodent small intestinal tumors following oral exposure to hexavalent chromium and relevance to humans. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 244-74	5.7	50
52	Assessment of Cr(VI)-induced cytotoxicity and genotoxicity using high content analysis. <i>PLoS ONE</i> , 2012 , 7, e42720	3.7	50
51	Comparison of the effects of hexavalent chromium in the alimentary canal of F344 rats and B6C3F1 mice following exposure in drinking water: implications for carcinogenic modes of action. <i>Toxicological Sciences</i> , 2012 , 125, 79-90	4.4	49
50	Comparative potencies of Aroclors 1232, 1242, 1248, 1254, and 1260 in male Wistar rats--assessment of the toxic equivalency factor (TEF) approach for polychlorinated biphenyls (PCBs). <i>Fundamental and Applied Toxicology</i> , 1993 , 20, 456-63		47
49	Evaluation of PCDD/F and dioxin-like PCB serum concentration data from the 2001-2002 National Health and Nutrition Examination Survey of the United States population. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007 , 17, 358-71	6.7	45

48	6-Methyl-1,3,8-trichlorodibenzofuran (MCDF) as an antiestrogen in human and rodent cancer cell lines: evidence for the role of the Ah receptor. <i>Toxicology and Applied Pharmacology</i> , 1992 , 113, 311-8	4.6	45
47	Partial antagonism of 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated induction of aryl hydrocarbon hydroxylase by 6-methyl-1,3,8-trichlorodibenzofuran: mechanistic studies. <i>Molecular Pharmacology</i> , 1989 , 35, 729-35	4.3	44
46	Assessment of polybrominated diphenyl ether exposures and health risks associated with consumption of southern Mississippi catfish. <i>Environmental Science & Technology</i> , 2008 , 42, 6755-61 ^{10.3}		43
45	Genome-wide gene expression effects in B6C3F1 mouse intestinal epithelia following 7 and 90 days of exposure to hexavalent chromium in drinking water. <i>Toxicology and Applied Pharmacology</i> , 2012 , 259, 13-26	4.6	41
44	Physiologically based pharmacokinetic model for rats and mice orally exposed to chromium. <i>Chemico-Biological Interactions</i> , 2012 , 200, 45-64	5	39
43	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on I-compounds in hepatic DNA of Sprague-Dawley rats: sex-specific effects and structure-activity relationships. <i>Toxicology and Applied Pharmacology</i> , 1990 , 103, 271-80	4.6	35
42	Synchrotron-based imaging of chromium and γ H2AX immunostaining in the duodenum following repeated exposure to Cr(VI) in drinking water. <i>Toxicological Sciences</i> , 2015 , 143, 16-25	4.4	34
41	Principal components analysis of potential sources of polychlorinated dibenzop-dioxin and dibenzofuran residues in surficial sediments from Newark Bay, New Jersey. <i>Archives of Environmental Contamination and Toxicology</i> , 1993 , 24, 271-289	3.2	33
40	Risk of gastrointestinal disease associated with exposure to pathogens in the sediments of the Lower Passaic River. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 1004-18	4.8	32
39	Induction of cytochrome P450-dependent monooxygenase activities in rat hepatoma H-4-IIIE cells in culture by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds: mechanistic studies using radiolabeled congeners. <i>Archives of Biochemistry and Biophysics</i> , 1989 , 272, 344-55	4.1	32
38	Hexavalent chromium reduction kinetics in rodent stomach contents. <i>Chemosphere</i> , 2012 , 89, 487-93	8.4	30
37	Assessment of K-Ras mutant frequency and micronucleus incidence in the mouse duodenum following 90-days of exposure to Cr(VI) in drinking water. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 754, 15-21	3	29
36	Identifying soil cleanup criteria for dioxins in urban residential soils: how have 20 years of research and risk assessment experience affected the analysis?. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2006 , 9, 87-145	8.6	27
35	Application of pattern recognition techniques to evaluate polychlorinated dibenzo-p-dioxin and dibenzofuran distributions in surficial sediments from the lower Passaic River and Newark Bay. <i>Ecotoxicology and Environmental Safety</i> , 1993 , 25, 103-25	7	26
34	AH receptor agonist activity in human blood measured with a cell-based bioassay: evidence for naturally occurring AH receptor ligands in vivo. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008 , 18, 369-80	6.7	25
33	Comparing the results of a Monte Carlo analysis with EPA's reasonable maximum exposed individual (RMEI): a case study of a former wood treatment site. <i>Regulatory Toxicology and Pharmacology</i> , 1993 , 18, 275-312	3.4	25
32	Chemometric analysis of potential sources of polychlorinated dibenzo-p-dioxins and dibenzofurans in surficial sediments from Newark Bay, New Jersey. <i>Chemosphere</i> , 1993 , 27, 55-64	8.4	25
31	Assessment of the mutagenic potential of Cr(VI) in the oral mucosa of Big Blue \square transgenic F344 rats. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 621-8	3.2	23

30	Structure-dependent induction of aryl hydrocarbon hydroxylase activity in C57BL/6 mice by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related congeners: mechanistic studies. <i>Toxicology and Applied Pharmacology</i> , 1990 , 105, 243-53	4.6	23
29	Duodenal crypt health following exposure to Cr(VI): Micronucleus scoring, γ H2AX immunostaining, and synchrotron X-ray fluorescence microscopy. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015 , 789-790, 61-6	3	22
28	Assessment of human health risks posed by consumption of fish from the Lower Passaic River, New Jersey. <i>Science of the Total Environment</i> , 2009 , 408, 209-24	10.2	22
27	Assessment of the mutagenic potential of hexavalent chromium in the duodenum of big blue \square rats. <i>Toxicology and Applied Pharmacology</i> , 2017 , 330, 48-52	4.6	20
26	High concentrations of hexavalent chromium in drinking water alter iron homeostasis in F344 rats and B6C3F1 mice. <i>Food and Chemical Toxicology</i> , 2014 , 65, 381-8	4.7	20
25	Workplace airborne hexavalent chromium concentrations for the Painesville, Ohio, chromate production plant (1943-1971). <i>Journal of Occupational and Environmental Hygiene</i> , 2003 , 18, 430-49		20
24	Mechanism of action of 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonists: characterization of 6-[125I]methyl-8-iodo-1,3-dichlorodibenzofuran-Ah receptor complexes. <i>Archives of Biochemistry and Biophysics</i> , 1991 , 284, 193-200	4.1	19
23	High-Throughput Screening Data Interpretation in the Context of In Vivo Transcriptomic Responses to Oral Cr(VI) Exposure. <i>Toxicological Sciences</i> , 2017 , 158, 199-212	4.4	18
22	Assessment of genotoxic potential of Cr(VI) in the mouse duodenum: an in silico comparison with mutagenic and nonmutagenic carcinogens across tissues. <i>Regulatory Toxicology and Pharmacology</i> , 2012 , 64, 68-76	3.4	14
21	Integration of mechanistic and pharmacokinetic information to derive oral reference dose and margin-of-exposure values for hexavalent chromium. <i>Journal of Applied Toxicology</i> , 2018 , 38, 351-365	4.1	13
20	Comparison of in vivo genotoxic and carcinogenic potency to augment mode of action analysis: Case study with hexavalent chromium. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016 , 800-801, 28-34	3	12
19	Reduction of hexavalent chromium by fasted and fed human gastric fluid. II. Ex vivo gastric reduction modeling. <i>Toxicology and Applied Pharmacology</i> , 2016 , 306, 120-33	4.6	12
18	Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in southern Mississippi catfish and estimation of potential health risks. <i>Chemosphere</i> , 2009 , 74, 1002-10	8.4	11
17	Urinary excretion of chromium following ingestion of chromite-ore processing residues in humans: implications for biomonitoring. <i>Risk Analysis</i> , 1994 , 14, 1019-24	3.9	11
16	Ten factors for considering the mode of action of Cr(VI)-induced gastrointestinal tumors in rodents. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017 , 823, 45-57	3	10
15	Transcriptomic responses in the oral cavity of F344 rats and B6C3F1 mice following exposure to Cr(VI): Implications for risk assessment. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 706-716	3.2	10
14	Comparison of Toxicity and Recovery in the Duodenum of B6C3F1 Mice Following Treatment with Intestinal Carcinogens Captan, Folpet, and Hexavalent Chromium. <i>Toxicologic Pathology</i> , 2017 , 45, 1091-1101	3.1	9
13	An adverse outcome pathway for small intestinal tumors in mice involving chronic cytotoxicity and regenerative hyperplasia: a case study with hexavalent chromium, captan, and folpet. <i>Critical Reviews in Toxicology</i> , 2020 , 50, 685-706	5.7	7

12	Addendum to: Evaluation of PCDD/F and dioxin-like PCB serum concentration data from the 2001-2002 National Health and Nutrition Examination Survey of the United States population. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008 , 18, 524-32	6.7	6
11	Exposure to environmentally-relevant concentrations of hexavalent chromium does not induce ovarian toxicity in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2020 , 116, 104729	3.4	5
10	Preventing surface deposition of chromium with asphalt caps at chromite ore processing residue sites: a case study. <i>Canadian Geotechnical Journal</i> , 2007 , 44, 814-839	3.2	5
9	Comparison of Gene Expression Responses in the Small Intestine of Mice Following Exposure to 3 Carcinogens Using the S1500+ Gene Set Informs a Potential Common Adverse Outcome Pathway. <i>Toxicologic Pathology</i> , 2019 , 47, 851-864	2.1	4
8	A response to "A quantitative assessment of the carcinogenicity of hexavalent chromium by the oral route and its relevance to human exposure". <i>Environmental Research</i> , 2011 , 111, 468-70; discussion 471-2	7.9	4
7	Response to Mugdan et al.'s comment on Urban et al. Assessment of human health risks posed by consumption of fish from the Lower Passaic River (LPR), New Jersey [2009, doi:10.1016/j.scitotenv.2009.03.004]. <i>Science of the Total Environment</i> , 2010 , 408, 1468-1470	10.2	1
6	Response to Letter to the Editor Written by Stern et al. Regarding the Paper, Urinary Excretion of Chromium Following Ingestion of Chromite-Ore Processing Residues in Humans: Implications for Biomonitoring [Risk Analysis, 1996 , 16, 609-612	3.9	1
5	Effects of 2,3,7,8-TCDD and related compounds on the levels of age-dependent I-spot DNA adducts in the liver of female and male Sprague-Dawley rats. <i>Chemosphere</i> , 1990 , 20, 1049-1052	8.4	1
4	Comparative Potencies of Aroclors 1232, 1242, 1248, 1254, and 1260 in Male Wistar Rats Assessment of the Toxic Equivalency Factor (TEF) Approach for Polychlorinated Biphenyls (PCBs). <i>Toxicological Sciences</i> , 1993 , 20, 456-463	4.4	0
3	Duodenal GSH/GSSG Ratios in Mice Following Oral Exposure to Cr(VI). <i>Toxicological Sciences</i> , 2012 , 126, 287-288	4.4	
2	Response to Buchanan et al.'s comment on Urban et al. Assessment of human health risks posed by consumption of fish from the Lower Passaic River (LPR), New Jersey [2009, doi:10.1016/j.scitotenv.2009.03.004]. <i>Science of the Total Environment</i> , 2010 , 408, 2004-2007	10.2	
1	Human breast cancer cell lines as models for investigating the effects of 2,3,7,8-TCDD and related compounds. <i>Chemosphere</i> , 1990 , 20, 1135-1140	8.4	