Mark A Harris

List of Publications by Year in Descending Order

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	Exposure to environmentally-relevant concentrations of hexavalent chromium does not induce ovarian toxicity in mice. *Regulatory Toxicology and Pharmacology*, **2020**, 116, 104729	3.4	5
64	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. *Critical Reviews in Toxicology*, **2020**, 50, 685-706	5.7	7
63	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. *Toxicologic Pathology*, **2019**, 47, 851-864	2.1	4
62	Integration of mechanistic and pharmacokinetic information to derive oral reference dose and margin-of-exposure values for hexavalent chromium. *Journal of Applied Toxicology*, **2018**, 38, 351-365	4.1	13
61	High-Throughput Screening Data Interpretation in the Context of In Vivo Transcriptomic Responses to Oral Cr(VI) Exposure. *Toxicological Sciences*, **2017**, 158, 199-212	4.4	18
60	Ten factors for considering the mode of action of Cr(VI)-induced gastrointestinal tumors in rodents. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2017**, 823, 45-57	3	10
59	Comparison of Toxicity and Recovery in the Duodenum of B6C3F1 Mice Following Treatment with Intestinal Carcinogens Captan, Folpet, and Hexavalent Chromium. *Toxicologic Pathology*, **2017**, 45, 1091-1101	2.1	9
58	Assessment of the mutagenic potential of hexavalent chromium in the duodenum of big blue rats. *Toxicology and Applied Pharmacology*, **2017**, 330, 48-52	4.6	20
57	Comparison of in vivo genotoxic and carcinogenic potency to augment mode of action analysis: Case study with hexavalent chromium. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2016**, 800-801, 28-34	3	12
56	Transcriptomic responses in the oral cavity of F344 rats and B6C3F1 mice following exposure to Cr(VI): Implications for risk assessment. *Environmental and Molecular Mutagenesis*, **2016**, 57, 706-716	3.2	10
55	Reduction of hexavalent chromium by fasted and fed human gastric fluid. II. Ex vivo gastric reduction modeling. *Toxicology and Applied Pharmacology*, **2016**, 306, 120-33	4.6	12
54	Synchrotron-based imaging of chromium and H2AX immunostaining in the duodenum following repeated exposure to Cr(VI) in drinking water. *Toxicological Sciences*, **2015**, 143, 16-25	4.4	34
53	Duodenal crypt health following exposure to Cr(VI): Micronucleus scoring, H2AX immunostaining, and synchrotron X-ray fluorescence microscopy. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2015**, 789-790, 61-6	3	22
52	Assessment of the mutagenic potential of Cr(VI) in the oral mucosa of Big Blue transgenic F344 rats. *Environmental and Molecular Mutagenesis*, **2015**, 56, 621-8	3.2	23
51	A chronic oral reference dose for hexavalent chromium-induced intestinal cancer. *Journal of Applied Toxicology*, **2014**, 34, 525-36	4.1	103
50	High concentrations of hexavalent chromium in drinking water alter iron homeostasis in F344 rats and B6C3F1 mice. *Food and Chemical Toxicology*, **2014**, 65, 381-8	4.7	20
49	Assessment of K-Ras mutant frequency and micronucleus incidence in the mouse duodenum following 90-days of exposure to Cr(VI) in drinking water. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2013**, 754, 15-21	3	29

48	Assessment of the mode of action underlying development of rodent small intestinal tumors following oral exposure to hexavalent chromium and relevance to humans. *Critical Reviews in Toxicology*, **2013**, 43, 244-74	5.7	50
47	Genome-wide gene expression effects in B6C3F1 mouse intestinal epithelia following 7 and 90days of exposure to hexavalent chromium in drinking water. *Toxicology and Applied Pharmacology*, **2012**, 259, 13-26	4.6	41
46	Physiologically based pharmacokinetic model for rats and mice orally exposed to chromium. *Chemico-Biological Interactions*, **2012**, 200, 45-64	5	39
45	Assessment of genotoxic potential of Cr(VI) in the mouse duodenum: an in silico comparison with mutagenic and nonmutagenic carcinogens across tissues. *Regulatory Toxicology and Pharmacology*, **2012**, 64, 68-76	3.4	14
44	Hexavalent chromium reduction kinetics in rodent stomach contents. *Chemosphere*, **2012**, 89, 487-93	8.4	30
43	Duodenal GSH/GSSG Ratios in Mice Following Oral Exposure to Cr(VI). *Toxicological Sciences*, **2012**, 126, 287-288	4.4	
42	Assessment of Cr(VI)-induced cytotoxicity and genotoxicity using high content analysis. *PLoS ONE*, **2012**, 7, e42720	3.7	50
41	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. *Toxicological Sciences*, **2012**, 125, 79-90	4.4	49
40	A response to "A quantitative assessment of the carcinogenicity of hexavalent chromium by the oral route and its relevance to human exposure". *Environmental Research*, **2011**, 111, 468-70; discussion 471-2	7.9	4
39	Investigation of the mode of action underlying the tumorigenic response induced in B6C3F1 mice exposed orally to hexavalent chromium. *Toxicological Sciences*, **2011**, 123, 58-70	4.4	70
38	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. *Toxicological Sciences*, **2011**, 119, 20-40	4.4	52
37	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/jscitotenv.2009.03.004). *Science of the Total Environment*, **2010**, 408, 1468-1470	10.2	1
36	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/jscitotenv.2009.03.004). *Science of the Total Environment*, **2010**, 408, 2004-2007	10.2	
35	Assessment of human health risks posed by consumption of fish from the Lower Passaic River, New Jersey. *Science of the Total Environment*, **2009**, 408, 209-24	10.2	22
34	Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in southern Mississippi catfish and estimation of potential health risks. *Chemosphere*, **2009**, 74, 1002-10	8.4	11
33	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. *Journal of Exposure Science and Environmental Epidemiology*, **2008**, 18, 524-32	6.7	6
32	AH receptor agonist activity in human blood measured with a cell-based bioassay: evidence for naturally occurring AH receptor ligands in vivo. *Journal of Exposure Science and Environmental Epidemiology*, **2008**, 18, 369-80	6.7	25
31	Assessment of polybrominated diphenyl ether exposures and health risks associated with consumption of southern Mississippi catfish. *Environmental Science & Technology*, **2008**, 42, 6755-61	10.3	43

30	Risk of gastrointestinal disease associated with exposure to pathogens in the water of the Lower Passaic River. *Applied and Environmental Microbiology*, **2008**, 74, 994-1003	4.8	77
29	Risk of gastrointestinal disease associated with exposure to pathogens in the sediments of the Lower Passaic River. *Applied and Environmental Microbiology*, **2008**, 74, 1004-18	4.8	32
28	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. *Journal of Exposure Science and Environmental Epidemiology*, **2007**, 17, 358-71	6.7	45
27	Preventing surface deposition of chromium with asphalt caps at chromite ore processing residue sites: a case study. *Canadian Geotechnical Journal*, **2007**, 44, 814-839	3.2	5
26	Identifying soil cleanup criteria for dioxins in urban residential soils: how have 20 years of research and risk assessment experience affected the analysis?. *Journal of Toxicology and Environmental Health - Part B: Critical Reviews*, **2006**, 9, 87-145	8.6	27
25	Development of a refined database of mammalian relative potency estimates for dioxin-like compounds. *Toxicological Sciences*, **2006**, 89, 4-30	4.4	103
24	Workplace airborne hexavalent chromium concentrations for the Painesville, Ohio, chromate production plant (1943-1971). *Journal of Occupational and Environmental Hygiene*, **2003**, 18, 430-49		20
23	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
22	Urinary excretion of chromium following ingestion of chromite-ore processing residues in humans: implications for biomonitoring. *Risk Analysis*, **1994**, 14, 1019-24	3.9	11
21	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. *Ecotoxicology and Environmental Safety*, **1993**, 25, 103-25	7	26
20	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). *Fundamental and Applied Toxicology*, **1993**, 20, 456-63		47
19	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. *Regulatory Toxicology and Pharmacology*, **1993**, 18, 275-312	3.4	25
18	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). *Toxicological Sciences*, **1993**, 20, 456-463	4.4	0
17	Principal components analysis of potential sources of polychlorinated dibenzop-dioxin and dibenzofuran residues in surficial sediments from Newark Bay, New Jersey. *Archives of Environmental Contamination and Toxicology*, **1993**, 24, 271-289	3.2	33
16	Chemometric analysis of potential sources of polychlorinated dibenzo-p-dioxins and dibenzofurans in surficial sediments from Newark Bay, New Jersey. *Chemosphere*, **1993**, 27, 55-64	8.4	25
15	Chemometric comparisons of polychlorinated dibenzo-p-dioxin and dibenzofuran residues in surficial sediments from Newark Bay, New Jersey and other industrialized waterways. *Archives of Environmental Contamination and Toxicology*, **1992**, 22, 397-413	3.2	62
14	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. *Toxicology and Applied Pharmacology*, **1992**, 113, 311-8	4.6	45
13	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and related compounds as antioestrogens: characterization and mechanism of action. *Basic and Clinical Pharmacology and Toxicology*, **1991**, 69, 400-9		208

12	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. *Archives of Biochemistry and Biophysics*, **1991**, 284, 193-200	4.1	19
11	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. *Biochemical Pharmacology*, **1991**, 41, 1931-9	6	65
10	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. *Toxicology and Applied Pharmacology*, **1990**, 105, 243-53	4.6	23
9	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. *Toxicology and Applied Pharmacology*, **1990**, 103, 271-80	4.6	35
8	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. *Chemosphere*, **1990**, 20, 1049-1052	8.4	1
7	Human breast cancer cell lines as models for investigating the effects of 2,3,7,8-TCDD and related compounds. *Chemosphere*, **1990**, 20, 1135-1140	8.4	
6	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. *Cancer Research*, **1990**, 50, 3579-84	10.1	67
5	2,2',4,4',5,5'-hexachlorobiphenyl as a 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonist in C57BL/6J mice. *Toxicology and Applied Pharmacology*, **1989**, 97, 561-71	4.6	90
4	Induction of cytochrome P450-dependent monooxygenase activities in rat hepatoma H-4-IIE cells in culture by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds: mechanistic studies using radiolabeled congeners. *Archives of Biochemistry and Biophysics*, **1989**, 272, 344-55	4.1	32
3	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. *Molecular Pharmacology*, **1989**, 35, 729-35	4.3	44
2	Structure-dependent induction of aryl hydrocarbon hydroxylase in human breast cancer cell lines and characterization of the Ah receptor. *Cancer Research*, **1989**, 49, 4531-5	10.1	57
1	Dioxin in soil: bioavailability after ingestion by rats and guinea pigs. *Science*, **1984**, 223, 1077-9	33.3	117