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List of Publications by Year
in descending order

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65 papers	2,582 citations	147726 31 h-index	189801 50 g-index
65 all docs	65 docs citations	65 times ranked	1706 citing authors

#	Article	IF	Citations
1	2,3,7,8â€Tetrachlorodibenzoâ€pâ€dioxin (TCDD) and Related Compounds as Antioestrogens: Characterization and Mechanism of Action. Basic and Clinical Pharmacology and Toxicology, 1991, 69, 400-409.	0.0	259
2	Dioxin in soil: bioavailability after ingestion by rats and guinea pigs. Science, 1984, 223, 1077-1079.	6.0	129
3	A chronic oral reference dose for hexavalent chromiumâ€induced intestinal cancer. Journal of Applied Toxicology, 2014, 34, 525-536.	1.4	123
4	Development of a Refined Database of Mammalian Relative Potency Estimates for Dioxin-like Compounds. Toxicological Sciences, 2006, 89, 4-30.	1.4	115
5	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.	1.4	101
6	2,2â€²,4,4â€²,5,5â€²-Hexachlorobiphenyl as a 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonist in C57BL6J mice. Toxicology and Applied Pharmacology, 1989, 97, 561-571.	1.3	100
7	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.	1.4	81
8	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, 1931-1939.	2.0	70
9	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.	0.4	70
10	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.	2.1	69
11	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, 244-274.	1.9	66
12	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.	1.4	63
13	Assessment of Cr(VI)-Induced Cytotoxicity and Genotoxicity Using High Content Analysis. PLoS ONE, 2012, 7, e42720.	1.1	61
14	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.	0.4	58
15	Comparative Potencies of Aroclors 1232, 1242, 1248, 1254, and 1260 in Male Wistar Ratsâ€"Assessment of the Toxic Equivalency Factor (TEF) Approach for Polychlorinated Biphenyls (PCBs). Fundamental and Applied Toxicology, 1993, 20, 456-463.	1.9	56
16	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.	1.4	55
17	6-Methyl-1,3,8-trichlorodibenzofuran (MCDF) is an antiestrogen in human and rodent cancer cell lines: Evidence for the role of the Ah receptor. Toxicology and Applied Pharmacology, 1992, 113, 311-318.	1.3	51
18	Physiologically based pharmacokinetic model for rats and mice orally exposed to chromium. Chemico-Biological Interactions, 2012, 200, 45-64.	1.7	51

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19	Evaluation of PCDD/F and dioxin-like PCB serum concentration data from the 2001â€“2002 National Health and Nutrition Examination Survey of the United States population. Journal of Exposure Science and Environmental Epidemiology, 2007, 17, 358-371.	1.8	49
20	Assessment of Polybrominated Diphenyl Ether Exposures and Health Risks Associated with Consumption of Southern Mississippi Catfish. Environmental Science & Technology, 2008, 42, 6755-6761.	4.6	45
21	Genome-wide gene expression effects in B6C3F1 mouse intestinal epithelia following 7 and 90 days of exposure to hexavalent chromium in drinking water. Toxicology and Applied Pharmacology, 2012, 259, 13-26.	1.3	45
22	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.	1.0	45
23	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.	2.1	42
24	Synchrotron-Based Imaging of Chromium and Î³-H2AX Immunostaining in the Duodenum Following Repeated Exposure to Cr(VI) in Drinking Water. Toxicological Sciences, 2015, 143, 16-25.	1.4	39
25	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, 271-280.	1.3	36
26	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.	0.9	35
27	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, 103-125.	2.9	34
28	Comparing the Results of a Monte Carlo Analysis with EPAâ€²s Reasonable Maximum Exposed Individual (RMEI): A Case Study of a Former Wood Treatment Site. Regulatory Toxicology and Pharmacology, 1993, 18, 275-312.	1.3	34
29	Hexavalent chromium reduction kinetics in rodent stomach contents. Chemosphere, 2012, 89, 487-493.	4.2	34
30	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, 344-355.	1.4	33
31	Risk of Gastrointestinal Disease Associated with Exposure to Pathogens in the Sediments of the Lower Passaic River. Applied and Environmental Microbiology, 2008, 74, 1004-1018.	1.4	33
32	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.	2.9	30
33	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.	4.2	29
34	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, 369-380.	1.8	28
35	Structure-dependent induction of aryl hydrocarbon hydroxylase activity in C57BL6 mice by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related congeners: Mechanistic studies. Toxicology and Applied Pharmacology, 1990, 105, 243-253.	1.3	26
36	Workplace Airborne Hexavalent Chromium Concentrations for the Painesville, Ohio, Chromate Production Plant (1943-1971). Journal of Occupational and Environmental Hygiene, 2003, 18, 430-449.	0.5	26

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37	Assessment of the mutagenic potential of Cr(VI) in the oral mucosa of Big Blue^{Â®} transgenic F344 rats. Environmental and Molecular Mutagenesis, 2015, 56, 621-628.	0.9	26
38	Duodenal crypt health following exposure to Cr(VI): Micronucleus scoring, Î³-H2AX immunostaining, and synchrotron X-ray fluorescence microscopy. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 789-790, 61-66.	0.9	26
39	Assessment of human health risks posed by consumption of fish from the Lower Passaic River, New Jersey. Science of the Total Environment, 2009, 408, 209-224.	3.9	25
40	Assessment of the mutagenic potential of hexavalent chromium in the duodenum of big blueÂ® rats. Toxicology and Applied Pharmacology, 2017, 330, 48-52.	1.3	25
41	High concentrations of hexavalent chromium in drinking water alter iron homeostasis in F344 rats and B6C3F1 mice. Food and Chemical Toxicology, 2014, 65, 381-388.	1.8	23
42	High-Throughput Screening Data Interpretation in the Context of In Vivo Transcriptomic Responses to Oral Cr(VI) Exposure. Toxicological Sciences, 2017, 158, 199-212.	1.4	21
43	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.	1.4	20
44	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.	1.9	20
45	Integration of mechanistic and pharmacokinetic information to derive oral reference dose and marginâ€ofâ€exposure values for hexavalent chromium. Journal of Applied Toxicology, 2018, 38, 351-365.	1.4	19
46	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.	0.9	17
47	Reduction of hexavalent chromium by fasted and fed human gastric fluid. II. Ex vivo gastric reduction modeling. Toxicology and Applied Pharmacology, 2016, 306, 120-133.	1.3	16
48	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.	1.3	15
49	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.	0.9	15
50	Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in southern Mississippi catfish and estimation of potential health risks. Chemosphere, 2009, 74, 1002-1010.	4.2	14
51	Transcriptomic responses in the oral cavity of F344 rats and <scp>B6C3F1</scp> mice following exposure to Cr(VI): Implications for risk assessment. Environmental and Molecular Mutagenesis, 2016, 57, 706-716.	0.9	13
52	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.	0.9	13
53	Urinary Excretion of Chromium Following Ingestion of Chromite-Ore Processing Residues in Humans: Implications for Biomonitoring. Risk Analysis, 1994, 14, 1019-1024.	1.5	12
54	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.	0.9	9

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55	Addendum to: Evaluation of PCDD/F and dioxin-like PCB serum concentration data from the 2001â€“2002 National Health and Nutrition Examination Survey of the United States population. Journal of Exposure Science and Environmental Epidemiology, 2008, 18, 524-532.	1.8	8
56	Exposure to environmentally-relevant concentrations of hexavalent chromium does not induce ovarian toxicity in mice. Regulatory Toxicology and Pharmacology, 2020, 116, 104729.	1.3	8
57	Preventing surface deposition of chromium with asphalt caps at chromite ore processing residue sites: a case study. Canadian Geotechnical Journal, 2007, 44, 814-839.	1.4	7
58	A response to â€œA quantitative assessment of the carcinogenicity of hexavalent chromium by the oral route and its relevance to human exposureâ€• Environmental Research, 2011, 111, 468-470.	3.7	5
59	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.	4.2	1
60	Comparative Potencies of Aroclors 1232, 1242, 1248, 1254, and 1260 in Male Wistar Ratsâ€”Assessment of the Toxic Equivalency Factor (TEF) Approach for Polychlorinated Biphenyls (PCBs). Toxicological Sciences, 1993, 20, 456-463.	1.4	1
61	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.	1.5	1
62	Response to Mugdan et al.'s comment on Urban et al. â€œAssessment of human health risks posed by consumption of fish from the Lower Passaic River (LPR), New Jerseyâ€•(2009,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (doi:10.1016	3.4	1
63	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.	4.2	0
64	Response to Buchanan et al.'s comment on Urban et al. â€œAssessment of human health risks posed by consumption of fish from the Lower Passaic River (LPR), New Jerseyâ€•(2009,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (doi:10.1016	3.3	0
65	Duodenal GSH/GSSG Ratios in Mice Following Oral Exposure to Cr(VI). Toxicological Sciences, 2012, 126, 287-288.	1.4	0