

Weihshueh A Chiu

List of Publications by Year in descending order

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130
papers

4,161
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81900

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149698

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134
all docs

134
docs citations

134
times ranked

3908
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Health Effects of Trichloroethylene: Key Findings and Scientific Issues. Environmental Health Perspectives, 2013, 121, 303-311.	6.0	189
2	Characterizing Uncertainty and Variability in Physiologically Based Pharmacokinetic Models: State of the Science and Needs for Research and Implementation. Toxicological Sciences, 2007, 99, 395-402.	3.1	122
3	Human Health Effects of Tetrachloroethylene: Key Findings and Scientific Issues. Environmental Health Perspectives, 2014, 122, 325-334.	6.0	120
4	Addressing Human Variability in Next-Generation Human Health Risk Assessments of Environmental Chemicals. Environmental Health Perspectives, 2013, 121, 23-31.	6.0	115
5	A Framework for the Next Generation of Risk Science. Environmental Health Perspectives, 2014, 122, 796-805.	6.0	97
6	Application of the key characteristics of carcinogens in cancer hazard identification. Carcinogenesis, 2018, 39, 614-622.	2.8	90
7	Trichloroethylene biotransformation and its role in mutagenicity, carcinogenicity and target organ toxicity. Mutation Research - Reviews in Mutation Research, 2014, 762, 22-36.	5.5	89
8	Population-Based <i>in Vitro</i> Hazard and Concentration-Response Assessment of Chemicals: The 1000 Genomes High-Throughput Screening Study. Environmental Health Perspectives, 2015, 123, 458-466.	6.0	89
9	Trichloroethylene: Mechanistic, epidemiologic and other supporting evidence of carcinogenic hazard. , 2014, 141, 55-68.		88
10	Standardizing Benchmark Dose Calculations to Improve Science-Based Decisions in Human Health Assessments. Environmental Health Perspectives, 2014, 122, 499-505.	6.0	82
11	Trichloroethylene Cancer Epidemiology: A Consideration of Select Issues. Environmental Health Perspectives, 2006, 114, 1471-1478.	6.0	80
12	A Reexamination of the PPAR- δ Activation Mode of Action as a Basis for Assessing Human Cancer Risks of Environmental Contaminants. Environmental Health Perspectives, 2009, 117, 1664-1672.	6.0	74
13	The Next Generation of Risk Assessment Multi-Year Study- Highlights of Findings, Applications to Risk Assessment, and Future Directions. Environmental Health Perspectives, 2016, 124, 1671-1682.	6.0	74
14	A Semianalytic Model for Cosmological Reheating and Reionization Due to the Gravitational Collapse of Structure. Astrophysical Journal, 2000, 534, 507-532.	4.5	73
15	Key Scientific Issues in the Health Risk Assessment of Trichloroethylene. Environmental Health Perspectives, 2006, 114, 1445-1449.	6.0	71
16	A Unified Probabilistic Framework for Dose-Response Assessment of Human Health Effects. Environmental Health Perspectives, 2015, 123, 1241-1254.	6.0	71
17	Characterizing uncertainty and population variability in the toxicokinetics of trichloroethylene and metabolites in mice, rats, and humans using an updated database, physiologically based pharmacokinetic (PBPK) model, and Bayesian approach. Toxicology and Applied Pharmacology, 2009, 241, 36-60.	2.8	69
18	The IARC Monographs: Updated Procedures for Modern and Transparent Evidence Synthesis in Cancer Hazard Identification. Journal of the National Cancer Institute, 2020, 112, 30-37.	6.3	69

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19	The COVID-19 Pandemic Vulnerability Index (PVI) Dashboard: Monitoring County-Level Vulnerability Using Visualization, Statistical Modeling, and Machine Learning. <i>Environmental Health Perspectives</i> , 2021, 129, 17701.	6.0	65
20	Target Organ Metabolism, Toxicity, and Mechanisms of Trichloroethylene and Perchloroethylene: Key Similarities, Differences, and Data Gaps. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 359, 110-123.	2.5	63
21	In vitro cardiotoxicity assessment of environmental chemicals using an organotypic human induced pluripotent stem cell-derived model. <i>Toxicology and Applied Pharmacology</i> , 2017, 322, 60-74.	2.8	62
22	Using Cluster Abundances and Peculiar Velocities to Test the Gaussianity of the Cosmological Density Field. <i>Astrophysical Journal</i> , 1998, 494, 479-490.	4.5	59
23	Technology Transfer of the Microphysiological Systems: A Case Study of the Human Proximal Tubule Tissue Chip. <i>Scientific Reports</i> , 2018, 8, 14882.	3.3	58
24	Exposure and toxicity characterization of chemical emissions and chemicals in products: global recommendations and implementation in USEtox. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 899-915.	4.7	58
25	State-level needs for social distancing and contact tracing to contain COVID-19 in the United States. <i>Nature Human Behaviour</i> , 2020, 4, 1080-1090.	12.0	56
26	Applying a Global Sensitivity Analysis Workflow to Improve the Computational Efficiencies in Physiologically-Based Pharmacokinetic Modeling. <i>Frontiers in Pharmacology</i> , 2018, 9, 588.	3.5	54
27	Use of high-throughput in vitro toxicity screening data in cancer hazard evaluations by IARC Monograph Working Groups. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018, 35, 51-64.	1.5	54
28	Conditional Toxicity Value (CTV) Predictor: An <i>In Silico</i> Approach for Generating Quantitative Risk Estimates for Chemicals. <i>Environmental Health Perspectives</i> , 2018, 126, 057008.	6.0	52
29	The Key Characteristics of Carcinogens: Relationship to the Hallmarks of Cancer, Relevant Biomarkers, and Assays to Measure Them. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1887-1903.	2.5	52
30	Polybrominated diphenyl ether (PBDE) neurotoxicity: a systematic review and meta-analysis of animal evidence. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2018, 21, 269-289.	6.5	49
31	Bayesian population analysis of a harmonized physiologically based pharmacokinetic model of trichloroethylene and its metabolites. <i>Regulatory Toxicology and Pharmacology</i> , 2006, 46, 63-83.	2.7	48
32	Beyond the RfD: Broad Application of a Probabilistic Approach to Improve Chemical Dose-Response Assessments for Noncancer Effects. <i>Environmental Health Perspectives</i> , 2018, 126, 067009.	6.0	48
33	Population-based toxicity screening in human induced pluripotent stem cell-derived cardiomyocytes. <i>Toxicology and Applied Pharmacology</i> , 2019, 381, 114711.	2.8	48
34	Utilizing toxicogenomic data to understand chemical mechanism of action in risk assessment. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 299-308.	2.8	47
35	A human population-based organotypic in vitro model for cardiotoxicity screening. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018, 35, 441-452.	1.5	47
36	Development and evaluation of a harmonized physiologically based pharmacokinetic (PBPK) model for perchloroethylene toxicokinetics in mice, rats, and humans. <i>Toxicology and Applied Pharmacology</i> , 2011, 253, 203-234.	2.8	45

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37	An integrative method for identification and prioritization of constituents of concern in produced water from onshore oil and gas extraction. <i>Environment International</i> , 2020, 134, 105280.	10.0	45
38	Advancements in Life Cycle Human Exposure and Toxicity Characterization. <i>Environmental Health Perspectives</i> , 2018, 126, 125001.	6.0	44
39	Systematic reviews and meta-analyses of human and animal evidence of prenatal diethylhexyl phthalate exposure and changes in male anogenital distance. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2018, 21, 207-226.	6.5	43
40	A tiered, Bayesian approach to estimating population variability for regulatory decision-making. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2017, 34, 377-388.	1.5	42
41	Combining Wilkinson Microwave Anisotropy Probe and Sloan Digital Sky Survey Quasar Data on Reionization Constrains Cosmological Parameters and Star Formation Efficiency. <i>Astrophysical Journal</i> , 2003, 599, 759-772.	4.5	41
42	Toxicokinetics of Inhaled Trichloroethylene and Tetrachloroethylene in Humans at 1 ppm: Empirical Results and Comparisons with Previous Studies. <i>Toxicological Sciences</i> , 2007, 95, 23-36.	3.1	40
43	What Role for Biologically Based Dose-Response Models in Estimating Low-Dose Risk?. <i>Environmental Health Perspectives</i> , 2010, 118, 585-588.	6.0	40
44	Physiologically Based Pharmacokinetic (PBPK) Modeling of Interstrain Variability in Trichloroethylene Metabolism in the Mouse. <i>Environmental Health Perspectives</i> , 2014, 122, 456-463.	6.0	38
45	Advancing chemical risk assessment decision-making with population variability data: challenges and opportunities. <i>Mammalian Genome</i> , 2018, 29, 182-189.	2.2	36
46	Steady-State Solutions to PBPK Models and Their Applications to Risk Assessment I: Route-to-Route Extrapolation of Volatile Chemicals. <i>Risk Analysis</i> , 2006, 26, 769-780.	2.7	35
47	Rapid Characterization of Emerging Per- and Polyfluoroalkyl Substances in Aqueous Film-Forming Foams Using Ion Mobility Spectrometry-Mass Spectrometry. <i>Environmental Science & Technology</i> , 2020, 54, 15024-15034.	10.0	35
48	Characterization of Variability in Toxicokinetics and Toxicodynamics of Tetrachloroethylene Using the Collaborative Cross Mouse Population. <i>Environmental Health Perspectives</i> , 2017, 125, 057006.	6.0	34
49	Risk Characterization and Probabilistic Concentration-Response Modeling of Complex Environmental Mixtures Using New Approach Methodologies (NAMs) Data from Organotypic <i>in Vitro</i> Human Stem Cell Assays. <i>Environmental Health Perspectives</i> , 2021, 129, 17004.	6.0	34
50	The Expected Mass Function for Low-Mass Galaxies in a Cold Dark Matter Cosmology: Is There a Problem?. <i>Astrophysical Journal</i> , 2001, 563, 21-27.	4.5	34
51	Key Characteristics Approach to Carcinogenic Hazard Identification. <i>Chemical Research in Toxicology</i> , 2018, 31, 1290-1292.	3.3	33
52	Montmorillonites Can Tightly Bind Glyphosate and Paraquat Reducing Toxin Exposures and Toxicity. <i>ACS Omega</i> , 2019, 4, 17702-17713.	3.5	33
53	Editor's Highlight: Collaborative Cross Mouse Population Enables Refinements to Characterization of the Variability in Toxicokinetics of Trichloroethylene and Provides Genetic Evidence for the Role of PPAR Pathway in Its Oxidative Metabolism. <i>Toxicological Sciences</i> , 2017, 158, 48-62.	3.1	32
54	Using test positivity and reported case rates to estimate state-level COVID-19 prevalence and seroprevalence in the United States. <i>PLoS Computational Biology</i> , 2021, 17, e1009374.	3.2	30

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55	Key Characteristics of Cardiovascular Toxicants. <i>Environmental Health Perspectives</i> , 2021, 129, 95001.	6.0	30
56	Predicting tubular reabsorption with a human kidney proximal tubule tissue-on-a-chip and physiologically-based modeling. <i>Toxicology in Vitro</i> , 2020, 63, 104752.	2.4	28
57	Issues in the Pharmacokinetics of Trichloroethylene and Its Metabolites. <i>Environmental Health Perspectives</i> , 2006, 114, 1450-1456.	6.0	27
58	Cardiovascular Effects of Polychlorinated Biphenyls and Their Major Metabolites. <i>Environmental Health Perspectives</i> , 2020, 128, 77008.	6.0	24
59	Analysis of reproducibility and robustness of a human microfluidic four-cell liver acinus microphysiology system (LAMPS). <i>Toxicology</i> , 2021, 448, 152651.	4.2	24
60	Grouping of Petroleum Substances as Example UVCBs by Ion Mobility-Mass Spectrometry to Enable Chemical Composition-Based Read-Across. <i>Environmental Science & Technology</i> , 2017, 51, 7197-7207.	10.0	23
61	Editor's Highlight: Comparative Dose-Response Analysis of Liver and Kidney Transcriptomic Effects of Trichloroethylene and Tetrachloroethylene in B6C3F1 Mouse. <i>Toxicological Sciences</i> , 2017, 160, 95-110.	3.1	23
62	Thorough QT/QTc in a Dish: An <i>In Vitro</i> Human Model That Accurately Predicts Clinical Concentration-QTc Relationships. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 1175-1186.	4.7	23
63	Temporal and spatial analysis of per and polyfluoroalkyl substances in surface waters of Houston ship channel following a large-scale industrial fire incident. <i>Environmental Pollution</i> , 2020, 265, 115009.	7.5	23
64	Rapid hazard characterization of environmental chemicals using a compendium of human cell lines from different organs. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 623-638.	1.5	23
65	Approaches to advancing quantitative human health risk assessment of environmental chemicals in the post-genomic era. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 309-323.	2.8	21
66	Grouping of complex substances using analytical chemistry data: A framework for quantitative evaluation and visualization. <i>PLoS ONE</i> , 2019, 14, e0223517.	2.5	21
67	Human induced pluripotent stem cell (iPSC)-derived cardiomyocytes as an <i>in vitro</i> model in toxicology: strengths and weaknesses for hazard identification and risk characterization. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 887-902.	3.3	21
68	A Bayesian Method for Population-wide Cardiotoxicity Hazard and Risk Characterization Using an <i>In Vitro</i> Human Model. <i>Toxicological Sciences</i> , 2020, 178, 391-403.	3.1	20
69	HGBEnviroScreen: Enabling Community Action through Data Integration in the Houston-Galveston-Brazoria Region. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1130.	2.6	20
70	Cardiotoxicity Hazard and Risk Characterization of ToxCast Chemicals Using Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes from Multiple Donors. <i>Chemical Research in Toxicology</i> , 2021, 34, 2110-2124.	3.3	20
71	Impact of Nonalcoholic Fatty Liver Disease on Toxicokinetics of Tetrachloroethylene in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 17-28.	2.5	19
72	Characterization of inter-tissue and inter-strain variability of TCE glutathione conjugation metabolites DCVG, DCVC, and NAcDCVC in the mouse. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 37-52.	2.3	19

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73	Environmental impacts of Hurricane Florence flooding in eastern North Carolina: temporal analysis of contaminant distribution and potential human health risks. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 810-822.	3.9	19
74	Risk Characterization of Environmental Samples Using <i>In Vitro</i> Bioactivity and Polycyclic Aromatic Hydrocarbon Concentrations Data. <i>Toxicological Sciences</i> , 2021, 179, 108-120.	3.1	18
75	An approach for integrating toxicogenomic data in risk assessment: The dibutyl phthalate case study. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 324-335.	2.8	16
76	APROBA-Plus: A probabilistic tool to evaluate and express uncertainty in hazard characterization and exposure assessment of substances. <i>Food and Chemical Toxicology</i> , 2017, 110, 408-417.	3.6	15
77	Using Collaborative Cross Mouse Population to Fill Data Gaps in Risk Assessment: A Case Study of Population-Based Analysis of Toxicokinetics and Kidney Toxicodynamics of Tetrachloroethylene. <i>Environmental Health Perspectives</i> , 2019, 127, 67011.	6.0	15
78	A systematic approach for identifying and presenting mechanistic evidence in human health assessments. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 67, 266-277.	2.7	14
79	Comparative analysis of Rapid Equilibrium Dialysis (RED) and solid phase micro-extraction (SPME) methods for <i>In Vitro</i> - <i>In Vivo</i> extrapolation of environmental chemicals. <i>Toxicology in Vitro</i> , 2019, 60, 245-251.	2.4	14
80	Population-Based Analysis of DNA Damage and Epigenetic Effects of 1,3-Butadiene in the Mouse. <i>Chemical Research in Toxicology</i> , 2019, 32, 887-898.	3.3	14
81	Issues in Using Human Variability Distributions to Estimate Low-Dose Risk. <i>Environmental Health Perspectives</i> , 2010, 118, 387-393.	6.0	13
82	Population-based dose-response analysis of liver transcriptional response to trichloroethylene in mouse. <i>Mammalian Genome</i> , 2018, 29, 168-181.	2.2	13
83	Comparative analysis of metabolism of trichloroethylene and tetrachloroethylene among mouse tissues and strains. <i>Toxicology</i> , 2018, 409, 33-43.	4.2	13
84	Human Health Benefits from Fish Consumption vs. Risks from Inhalation Exposures Associated with Contaminated Sediment Remediation: Dredging of the Hudson River. <i>Environmental Health Perspectives</i> , 2019, 127, 127004.	6.0	13
85	Revisiting the population toxicokinetics of tetrachloroethylene. <i>Archives of Toxicology</i> , 2006, 80, 382-385.	4.2	12
86	Nonalcoholic Fatty Liver Disease Is a Susceptibility Factor for Perchloroethylene-Induced Liver Effects in Mice. <i>Toxicological Sciences</i> , 2017, 159, 102-113.	3.1	12
87	<i>In Vitro</i> Bioavailability of the Hydrocarbon Fractions of Dimethyl Sulfoxide Extracts of Petroleum Substances. <i>Toxicological Sciences</i> , 2020, 174, 168-177.	3.1	11
88	A Comparative Analysis of Analytical Techniques for Rapid Oil Spill Identification. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1034-1049.	4.3	11
89	Model systems and organisms for addressing inter- and intra-species variability in risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 132, 105197.	2.7	11
90	The Contribution of Peroxisome Proliferator-Activated Receptor Alpha to the Relationship Between Toxicokinetics and Toxicodynamics of Trichloroethylene. <i>Toxicological Sciences</i> , 2015, 147, 339-349.	3.1	10

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91	Benchmark Dose for Urinary Cadmium based on a Marker of Renal Dysfunction: A Meta-Analysis. PLoS ONE, 2015, 10, e0126680.	2.5	10
92	Data Processing Workflow to Identify Structurally Related Compounds in Petroleum Substances Using Ion Mobility Spectrometry–Mass Spectrometry. Energy & Fuels, 2021, 35, 10529-10539.	5.1	9
93	Incorporation of the glutathione conjugation pathway in an updated physiologically-based pharmacokinetic model for perchloroethylene in mice. Toxicology and Applied Pharmacology, 2018, 352, 142-152.	2.8	8
94	Relationships between constituents of energy drinks and beating parameters in human induced pluripotent stem cell (iPSC)-Derived cardiomyocytes. Food and Chemical Toxicology, 2021, 149, 111979.	3.6	8
95	Quantitative <i>In Vitro</i> -to- <i>In Vivo</i> Extrapolation for Mixtures: A Case Study of Superfund Priority List Pesticides. Toxicological Sciences, 2021, 183, 60-69.	3.1	8
96	Characterization of compositional variability in petroleum substances. Fuel, 2022, 317, 123547.	6.4	8
97	Potential Human Health Hazard of Post-Hurricane Harvey Sediments in Galveston Bay and Houston Ship Channel: A Case Study of Using <i>In Vitro</i> Bioactivity Data to Inform Risk Management Decisions. International Journal of Environmental Research and Public Health, 2021, 18, 13378.	2.6	8
98	Well-tempered MCMC simulations for population pharmacokinetic models. Journal of Pharmacokinetics and Pharmacodynamics, 2020, 47, 543-559.	1.8	7
99	Prediction of hepatic drug clearance with a human microfluidic four-cell liver acinus microphysiology system. Toxicology, 2021, 463, 152954.	4.2	7
100	The circumstellar disks of Beta Pictoris analogs. Astrophysical Journal, 1991, 367, 296.	4.5	7
101	Decision-Making with New Approach Methodologies: Time to Replace Default Uncertainty Factors with Data. Toxicological Sciences, 2022, 189, 148-149.	3.1	7
102	Trichloroacetic acid: Updated estimates of its bioavailability and its contribution to trichloroethylene-induced mouse hepatomegaly. Toxicology, 2011, 285, 114-125.	4.2	6
103	Re: “Application of the key characteristics of carcinogens in cancer hazard evaluation™: response to Goodman, Lynch and Rhomberg. Carcinogenesis, 2018, 39, 1091-1093.	2.8	6
104	Application of a unified probabilistic framework to the dose-response assessment of acrolein. Environment International, 2020, 143, 105953.	10.0	6
105	Recent Advances in Probabilistic Dose–Response Assessment to Inform Risk–Based Decision Making. Risk Analysis, 2021, 41, 596-609.	2.7	6
106	Polycyclic aromatic hydrocarbon status in post-hurricane Harvey sediments: Considerations for environmental sampling in the Galveston Bay/Houston Ship Channel region. Marine Pollution Bulletin, 2021, 162, 111872.	5.0	6
107	Intra- and Inter-Species Variability in Urinary N7-(1-Hydroxy-3-buten-2-yl)guanine Adducts Following Inhalation Exposure to 1,3-Butadiene. Chemical Research in Toxicology, 2021, 34, 2375-2383.	3.3	6
108	A tiered approach to population-based <i>in vitro</i> testing for cardiotoxicity: Balancing estimates of potency and variability. Journal of Pharmacological and Toxicological Methods, 2022, 114, 107154.	0.7	6

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109	Spatial and Temporal Analysis of Impacts of Hurricane Florence on Criteria Air Pollutants and Air Toxics in Eastern North Carolina. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1757.	2.6	6
110	Modulation of Tetrachloroethylene-Associated Kidney Effects by Nonalcoholic Fatty Liver or Steatohepatitis in Male C57BL/6J Mice. <i>Toxicological Sciences</i> , 2019, 167, 126-137.	3.1	5
111	Quantitative Characterization of Population-Wide Tissue- and Metabolite-Specific Variability in Perchloroethylene Toxicokinetics in Male Mice. <i>Toxicological Sciences</i> , 2021, 182, 168-182.	3.1	5
112	Spatial and temporal distribution of surface water contaminants in the Houston Ship Channel after the Intercontinental Terminal Company Fire. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 887-899.	3.9	5
113	A new approach method for characterizing inter-species toxicodynamic variability. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 1020-1039.	2.3	5
114	Biosensor applications in contaminated estuaries: Implications for disaster research response. <i>Environmental Research</i> , 2022, 204, 111893.	7.5	5
115	Challenges and opportunities in the risk assessment of existing substances in Canada: lessons learned from the international community. <i>International Journal of Risk Assessment and Management</i> , 2017, 20, 261.	0.1	5
116	Development and application of a rat PBPK model to elucidate kidney and liver effects induced by ETBE and tert-butanol. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 439-452.	2.8	4
117	pknsensi: An R package to apply global sensitivity analysis in physiologically based kinetic modeling. <i>SoftwareX</i> , 2020, 12, 100609.	2.6	4
118	Characterizing baseline legacy chemical contamination in urban estuaries for disaster-research through systematic evidence mapping: A case study. <i>Chemosphere</i> , 2021, 281, 130925.	8.2	4
119	PBPK modeling of impact of nonalcoholic fatty liver disease on toxicokinetics of perchloroethylene in mice. <i>Toxicology and Applied Pharmacology</i> , 2020, 400, 115069.	2.8	4
120	Characterization of population variability of 1,3-butadiene derived protein adducts in humans and mice. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 132, 105171.	2.7	4
121	A general dose-response relationship for chronic chemical and other health stressors and mixtures based on an emergent illness severity model. <i>PLoS ONE</i> , 2019, 14, e0211780.	2.5	3
122	A Bayesian population physiologically based pharmacokinetic absorption modeling approach to support generic drug development: application to bupropion hydrochloride oral dosage forms. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021, 48, 893-908.	1.8	3
123	Questioning Existing Cancer Hazard Evaluation Standards in the Name of Statistics. <i>Toxicological Sciences</i> , 2020, 177, 521-522.	3.1	2
124	A Participatory-Based Research Approach for Assessing Exposure to Lead-Contaminated Drinking Water in the Houston Neighborhood of the Greater Fifth Ward. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8135.	2.6	2
125	Comments on Article "Applying Mode-of-Action and Pharmacokinetic Considerations in Contemporary Cancer Risk Assessments: An Example with Trichloroethylene" by Clewell and Andersen. <i>Critical Reviews in Toxicology</i> , 2006, 36, 291-294.	3.9	1
126	Differential toxicity of water versus gavage exposure to trichloroethylene in rats. <i>Environmental Toxicology and Pharmacology</i> , 2019, 68, 1-3.	4.0	1

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127	Polycyclic Aromatic Hydrocarbons in Houston Parks After Hurricane Harvey. Environmental Justice, 2021, 14, 277-287.	1.5	1
128	Title is missing!. Risk Analysis, 1999, 19, 15-22.	2.7	0
129	Management of sewage sludge and ash containing radioactive materials. International Journal of Environment and Waste Management, 2007, 1, 113.	0.3	0
130	Statistical inferences from serially correlated methylene chloride data. Sankhya B, 2012, 74, 211-237.	0.9	0