

Michael L Dourson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2747179/publications.pdf>

Version: 2024-02-01

78
papers

3,412
citations

218677

26
h-index

144013

57
g-index

82
all docs

82
docs citations

82
times ranked

2181
citing authors

#	ARTICLE	IF	CITATIONS
1	Reference dose (RfD): Description and use in health risk assessments. <i>Regulatory Toxicology and Pharmacology</i> , 1988, 8, 471-486.	2.7	491
2	Regulatory history and experimental support of uncertainty (safety) factors. <i>Regulatory Toxicology and Pharmacology</i> , 1983, 3, 224-238.	2.7	387
3	Evolution of Science-Based Uncertainty Factors in Noncancer Risk Assessment. <i>Regulatory Toxicology and Pharmacology</i> , 1996, 24, 108-120.	2.7	239
4	Differential Sensitivity of Children and Adults to Chemical Toxicity. <i>Regulatory Toxicology and Pharmacology</i> , 2002, 35, 429-447.	2.7	174
5	Evolution of science-based uncertainty factors in noncancer risk assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , 1997, 3, 579-589.	3.4	163
6	Guidelines for the derivation of Biomonitoring Equivalents: Report from the Biomonitoring Equivalents Expert Workshop. <i>Regulatory Toxicology and Pharmacology</i> , 2008, 51, S4-S15.	2.7	147
7	Benchmark dose (BMD) modeling: current practice, issues, and challenges. <i>Critical Reviews in Toxicology</i> , 2018, 48, 387-415.	3.9	131
8	Linear low-dose extrapolation for noncancer health effects is the exception, not the rule. <i>Critical Reviews in Toxicology</i> , 2011, 41, 1-19.	3.9	108
9	A Probabilistic Framework for the Reference Dose (Probabilistic RfD). <i>Risk Analysis</i> , 1998, 18, 271-282.	2.7	107
10	Guidelines for the communication of Biomonitoring Equivalents: Report from the Biomonitoring Equivalents Expert Workshop. <i>Regulatory Toxicology and Pharmacology</i> , 2008, 51, S16-S26.	2.7	99
11	Differential Sensitivity of Children and Adults to Chemical Toxicity. <i>Regulatory Toxicology and Pharmacology</i> , 2002, 35, 448-467.	2.7	82
12	On Reference Dose (RfD) and Its Underlying Toxicity Data Base. <i>Toxicology and Industrial Health</i> , 1992, 8, 171-189.	1.4	71
13	Application of the threshold of toxicological concern concept to pharmaceutical manufacturing operations. <i>Regulatory Toxicology and Pharmacology</i> , 2005, 43, 1-9.	2.7	66
14	A reproductive, developmental and neurobehavioral study following oral exposure of tetrabromobisphenol A on Sprague-Dawley rats. <i>Toxicology</i> , 2015, 329, 49-59.	4.2	66
15	Novel Methods for the Estimation of Acceptable Daily Intake. <i>Toxicology and Industrial Health</i> , 1985, 1, 23-41.	1.4	62
16	Quantitative weight of evidence to assess confidence in potential modes of action. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 86, 205-220.	2.7	50
17	An Approach for Modeling Noncancer Dose Responses with an Emphasis on Uncertainty. <i>Risk Analysis</i> , 1997, 17, 427-437.	2.7	49
18	Advancing human health risk assessment: Integrating recent advisory committee recommendations. <i>Critical Reviews in Toxicology</i> , 2013, 43, 467-492.	3.9	42

#	ARTICLE	IF	CITATIONS
19	Categorical Regression of Toxicity Data: A Case Study Using Aldicarb. <i>Regulatory Toxicology and Pharmacology</i> , 1997, 25, 121-129.	2.7	38
20	Hexavalent Chromium-Contaminated Soils: Options for Risk Assessment and Risk Management. <i>Regulatory Toxicology and Pharmacology</i> , 1997, 25, 43-59.	2.7	36
21	Evidence-based dose-response assessment for thyroid tumorigenesis from acrylamide. <i>Regulatory Toxicology and Pharmacology</i> , 2008, 52, 264-289.	2.7	36
22	Uncertainties in the Reference Dose for Methylmercury. <i>NeuroToxicology</i> , 2001, 22, 677-689.	3.0	35
23	Lower birth weight as a critical effect of chlorpyrifos: A comparison of human and animal data. <i>Regulatory Toxicology and Pharmacology</i> , 2005, 42, 55-63.	2.7	35
24	Using Human Data to Protect the Public's Health. <i>Regulatory Toxicology and Pharmacology</i> , 2001, 33, 234-256.	2.7	33
25	A review of the reference dose for chlorpyrifos. <i>Regulatory Toxicology and Pharmacology</i> , 2006, 44, 111-124.	2.7	30
26	Approaches for describing and communicating overall uncertainty in toxicity characterizations: U.S. Environmental Protection Agency's Integrated Risk Information System (IRIS) as a case study. <i>Environment International</i> , 2016, 89-90, 110-128.	10.0	27
27	Health Risk above the Reference Dose for Multiple Chemicals. <i>Regulatory Toxicology and Pharmacology</i> , 1999, 30, S19-S26.	2.7	26
28	Reference dose for perchlorate based on thyroid hormone change in pregnant women as the critical effect. <i>Regulatory Toxicology and Pharmacology</i> , 2004, 39, 44-65.	2.7	24
29	Human chemosensory perception of methyl isothiocyanate: Chemesthesis and odor. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 173-180.	2.7	24
30	Bioelution, Bioavailability, and Toxicity of Cobalt Compounds Correlate. <i>Toxicological Sciences</i> , 2020, 174, 311-325.	3.1	24
31	The Inexact Science of Risk Assessment (and Implications for Risk Management). <i>Human and Ecological Risk Assessment (HERA)</i> , 1998, 4, 245-251.	3.4	22
32	Use of Human Data for the Derivation of a Reference Dose for Chlorpyrifos. <i>Regulatory Toxicology and Pharmacology</i> , 2001, 33, 110-116.	2.7	21
33	Dose response assessment for effects of acute exposure to methyl isothiocyanate (MITC). <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 181-188.	2.7	20
34	Mode of action analysis for liver tumors from oral 1,4-dioxane exposures and evidence-based dose response assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 68, 387-401.	2.7	20
35	Bayesian methods for uncertainty factor application for derivation of reference values. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 9-24.	2.7	20
36	Update: Mode of action (MOA) for liver tumors induced by oral exposure to 1,4-dioxane. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 88, 45-55.	2.7	20

#	ARTICLE	IF	CITATIONS
37	Fish consumption advisories: Toward a unified, scientifically credible approach. <i>Regulatory Toxicology and Pharmacology</i> , 1990, 12, 161-178.	2.7	18
38	Route-to-Route Extrapolation of the Toxic Potency of MTBE. <i>Risk Analysis</i> , 1997, 17, 717-725.	2.7	18
39	Proposal of new uncertainty factor application to derive tolerable daily intake. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 237-242.	2.7	18
40	Critical review of dose-response options for F344 rat mammary tumors for acrylamide Additional insights based on mode of action. <i>Food and Chemical Toxicology</i> , 2012, 50, 1763-1775.	3.6	18
41	Data considerations for regulation of water contaminants. <i>Toxicology</i> , 2006, 221, 217-224.	4.2	17
42	Resources for global risk assessment: The International Toxicity Estimates for Risk (ITER) and Risk Information Exchange (RiskIE) databases. <i>Toxicology and Applied Pharmacology</i> , 2008, 233, 45-53.	2.8	17
43	Derived Reference Doses (RfDs) for the environmental degradates of the herbicides alachlor and acetochlor: Results of an independent expert panel deliberation. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 57, 220-234.	2.7	17
44	Safety assessment of boron by application of new uncertainty factors and their subdivision. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 65, 108-114.	2.7	16
45	A framework for fit-for-purpose dose response assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 66, 234-240.	2.7	14
46	Distribution of exposure concentrations and doses for constituents of environmental tobacco smoke. <i>Risk Analysis</i> , 1999, 19, 375-390.	2.7	12
47	Whither Risk Assessment: New Challenges and Opportunities a Third of a Century After the Red Book. <i>Risk Analysis</i> , 2015, 35, 1959-1968.	2.7	11
48	The Dilemma of perfluorooctanoate (PFOA) human half-life. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 126, 105025.	2.7	11
49	Reduced prevalence and growth rate of urethane induced lung adenomas in ageing adult strain a mice. <i>Toxicology</i> , 1981, 20, 165-172.	4.2	10
50	Iodine-deficient vegetarians: A hypothetical perchlorate-susceptible population?. <i>Regulatory Toxicology and Pharmacology</i> , 2005, 42, 37-46.	2.7	10
51	The Conundrum of the PFOA human half-life, an international collaboration. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 132, 105185.	2.7	10
52	Replacing the Default Values of 10 With Data-Derived Values: A Comparison of Two Different Data-Derived Uncertainty Factors for Boron. <i>Human and Ecological Risk Assessment (HERA)</i> , 1999, 5, 973-983.	3.4	7
53	Peer consultation on relationship between PAC profile and toxicity of petroleum substances. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 67, S86-S93.	2.7	7
54	PFAS Experts Symposium 2: PFAS Toxicology and Risk Assessment in 2021 Contemporary issues in human and ecological risk assessment of PFAS. <i>Remediation</i> , 2022, 32, 29-44.	2.4	7

#	ARTICLE	IF	CITATIONS
55	Derivation of a noâ€significantâ€riskâ€level for tetrabromobisphenol A based on a threshold nonâ€mutagenic cancer mode of action. <i>Journal of Applied Toxicology</i> , 2018, 38, 862-878.	2.8	6
56	Effects of cytosine arabinoside on in vivo and in vitro mouse limb development. <i>In Vitro</i> , 1977, 13, 434-442.	1.2	5
57	Application of Quantitative Information on the Uncertainty in the RfD to Noncarcinogenic Risk Assessments. <i>Human and Ecological Risk Assessment (HERA)</i> , 1999, 5, 527-546.	3.4	5
58	Data derived Extrapolation Factors for developmental toxicity: A preliminary research case study with perfluorooctanoate (PFOA). <i>Regulatory Toxicology and Pharmacology</i> , 2019, 108, 104446.	2.7	5
59	Suggestions for Improving the Characterization of Risk from Exposures to Per and Polyfluorinated Alkyl Substances. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 871-886.	4.3	5
60	Improvements in Quantitative Noncancer Risk Assessment. <i>Toxicological Sciences</i> , 1993, 20, 1-14.	3.1	4
61	EPA's Neurotoxicity Risk Assessment Guidelines. <i>Toxicological Sciences</i> , 1997, 40, 175-184.	3.1	4
62	Using Best Science in Cancer Risk Assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006, 12, 1-8.	3.4	4
63	A commentary on some epidemiology data for chlorpyrifos. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 113, 104616.	2.7	4
64	Using Human Data to Develop Risk Values. <i>Human and Ecological Risk Assessment (HERA)</i> , 2001, 7, 1583-1592.	3.4	3
65	Health Risks from Eating Contaminated Fish. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , 2002, 8, 399-419.	0.2	3
66	The NAS Perchlorate Review: Is the RfD Acceptable?. <i>Environmental Health Perspectives</i> , 2005, 113, A729-30; author reply A730-2.	6.0	3
67	The importance of problem formulations in risk assessment: A case study involving dioxin-contaminated soil. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 66, 208-216.	2.7	3
68	Crystallographic Analysis and Mimicking of Estradiol Binding: Interpretation and Speculation. <i>Environmental Health Perspectives</i> , 2014, 122, A91.	6.0	3
69	Advances in assessing ingredient safety. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 79, S112-S118.	2.7	3
70	Framework and Case Studies. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , 2002, 8, 431-502.	0.2	2
71	Managing risks of noncancer health effects at hazardous waste sites: A case study using the Reference Concentration (RfC) of trichloroethylene (TCE). <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 125-133.	2.7	2
72	Let the IRIS Bloom: Regrowing the integrated risk information system (IRIS) of the U.S. Environmental Protection Agency. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 97, A4-A5.	2.7	2

#	ARTICLE	IF	CITATIONS
73	A regulatory relic: After 60 years of research on cancer risk, the Delaney Clause continues to keep us in the past. <i>Toxicology and Applied Pharmacology</i> , 2021, 433, 115779.	2.8	2
74	Analysis for data-derived extrapolation factors for procymidone. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 124, 104972.	2.7	1
75	Title is missing!. <i>Risk Analysis</i> , 1999, 19, 7-8.	2.7	0
76	Conclusions and Research Needs. Comments on Modern Biology Part B, Comments on Toxicology, 2002, 8, 517-525.	0.2	0
77	Data derived extrapolation factors for developmental toxicity: A preliminary research case study with perfluorooctanoate (PFOA). <i>Regulatory Toxicology and Pharmacology</i> , 2020, 110, 104502.	2.7	0
78	Cobalt: A tiered testing strategy to estimate its inhalation toxicity. <i>Regulatory Toxicology and Pharmacology</i> , 2022, , 105163.	2.7	0