

Lorenz R Rhomborg

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.

47
papers

2,278
citations

21
h-index

47
g-index

47
ext. papers

2,500
ext. citations

4.7
avg, IF

4.6
L-index

#	Paper	IF	Citations
47	Physiological parameter values for physiologically based pharmacokinetic models. <i>Toxicology and Industrial Health</i> , 1997 , 13, 407-84	1.8	1062
46	Weight-of-evidence evaluation of reproductive and developmental effects of low doses of bisphenol A. <i>Critical Reviews in Toxicology</i> , 2009 , 39, 1-75	5.7	114
45	Low-dose effects and nonmonotonic dose-responses of endocrine disrupting chemicals: has the case been made?. <i>Regulatory Toxicology and Pharmacology</i> , 2012 , 64, 130-3	3.4	97
44	An updated weight of the evidence evaluation of reproductive and developmental effects of low doses of bisphenol A. <i>Critical Reviews in Toxicology</i> , 2006 , 36, 387-457	5.7	91
43	Linear low-dose extrapolation for noncancer health effects is the exception, not the rule. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 1-19	5.7	80
42	Weight of the Evidence Evaluation of Low-Dose Reproductive and Developmental Effects of Bisphenol A. <i>Human and Ecological Risk Assessment (HERA)</i> , 2004 , 10, 875-921	4.9	76
41	A survey of frameworks for best practices in weight-of-evidence analyses. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 753-84	5.7	70
40	Weight-of-Evidence Evaluation of Reproductive and Developmental Effects of Low Doses of Bisphenol A. <i>Critical Reviews in Toxicology</i> , 2009 , 39, 1-75	5.7	68
39	Measurement error in environmental epidemiology and the shape of exposure-response curves. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 651-71	5.7	54
38	Critical comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals - 2012. <i>Regulatory Toxicology and Pharmacology</i> , 2014 , 69, 22-40	3.4	53
37	Issues in the design and interpretation of chronic toxicity and carcinogenicity studies in rodents: approaches to dose selection. <i>Critical Reviews in Toxicology</i> , 2007 , 37, 729-837	5.7	53
36	Hypothesis-based weight of evidence: a tool for evaluating and communicating uncertainties and inconsistencies in the large body of evidence in proposing a carcinogenic mode of action--naphthalene as an example. <i>Critical Reviews in Toxicology</i> , 2010 , 40, 671-96	5.7	48
35	Is exposure to formaldehyde in air causally associated with leukemia?--A hypothesis-based weight-of-evidence analysis. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 555-621	5.7	48
34	Mechanisms of action for arsenic in cardiovascular toxicity and implications for risk assessment. <i>Toxicology</i> , 2015 , 331, 78-99	4.4	33
33	Systematic comparison of study quality criteria. <i>Regulatory Toxicology and Pharmacology</i> , 2016 , 76, 187-204	3.4	29
32	Quantitative assessment of lung and bladder cancer risk and oral exposure to inorganic arsenic: Meta-regression analyses of epidemiological data. <i>Environment International</i> , 2017 , 106, 178-206	12.9	28
31	A critique of the European Commission document, "State of the Art Assessment of Endocrine Disrupters". <i>Critical Reviews in Toxicology</i> , 2012 , 42, 465-73	5.7	25

30	Recommendations for the conduct of systematic reviews in toxicology and environmental health research (COSTER). <i>Environment International</i> , 2020 , 143, 105926	12.9	24
29	Hypothesis-based weight-of-evidence evaluation and risk assessment for naphthalene carcinogenesis. <i>Critical Reviews in Toxicology</i> , 2016 , 46, 1-42	5.7	21
28	Hypothesis-Based Weight of Evidence: An Approach to Assessing Causation and its Application to Regulatory Toxicology. <i>Risk Analysis</i> , 2015 , 35, 1114-24	3.9	21
27	Hypothesis-based weight-of-evidence evaluation of the neurodevelopmental effects of chlorpyrifos. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 822-903	5.7	21
26	Methods for Identifying a Default Cross-Species Scaling Factor. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006 , 12, 1094-1127	4.9	21
25	Comments on the opinions published by Bergman et al. (2015) on Critical Comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals (Lamb et al., 2014). <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 754-7	3.4	20
24	Improving weight of evidence approaches to chemical evaluations. <i>Risk Analysis</i> , 2015 , 35, 186-92	3.9	16
23	Evaluation of the causal framework used for setting national ambient air quality standards. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 829-49	5.7	12
22	Hypothesis-Based Weight-of-Evidence evaluation of methanol as a human carcinogen. <i>Regulatory Toxicology and Pharmacology</i> , 2012 , 62, 278-91	3.4	11
21	Toxicity testing in the 21st century: how will it affect risk assessment?. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2010 , 13, 361-75	8.6	11
20	Quantitative cancer risk assessment for occupational exposures to asphalt fumes during built-up roofing asphalt (BURA) operations. <i>Critical Reviews in Toxicology</i> , 2015 , 45, 873-918	5.7	8
19	Hypothesis-based weight-of-evidence evaluation of the human carcinogenicity of toluene diisocyanate. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 391-435	5.7	8
18	Seeking optimal design for animal bioassay studies. <i>Toxicological Sciences</i> , 2005 , 84, 1-3	4.4	8
17	Toxicological evaluation of carcinogenicity of the pyrethroid imiprothrin in rats and mice. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 105, 1-14	3.4	7
16	Risk assessment in the 21st century: changes wrought by changing science. <i>Risk Analysis</i> , 2009 , 29, 488-9; discussion 492-7	3.9	7
15	A bounding quantitative cancer risk assessment for occupational exposures to asphalt emissions during road paving operations. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 713-737	5.7	6
14	Contrasting directions and directives on hazard identification for formaldehyde carcinogenicity. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 829-33	3.4	4
13	Strengthening the foundation of next generation risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2014 , 68, 160-70	3.4	4

12	Practical Risk Assessment and Management Issues Arising were we to Adopt Low-Dose Linearity for all Endpoints. <i>Dose-Response</i> , 2011 , 9, 144-57	2.3	4
11	Historical perspective on the role of cell proliferation in carcinogenesis for DNA-reactive and non-DNA-reactive carcinogens: Arsenic as an example. <i>Toxicology</i> , 2021 , 456, 152783	4.4	4
10	Hypothesis-based weight-of-evidence evaluation of methyl methacrylate olfactory effects in humans and derivation of an occupational exposure level. <i>Regulatory Toxicology and Pharmacology</i> , 2013 , 66, 217-33	3.4	3
9	Response to Kortenkamp et al. Rebuttal. <i>Critical Reviews in Toxicology</i> , 2012 , 42, 790-791	5.7	3
8	Are the elements of the proposed ozone National Ambient Air Quality Standards informed by the best available science?. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 72, 134-40	3.4	1
7	Weighing evidence and assessing uncertainties. <i>EFSA Journal</i> , 2016 , 14, e00511	2.3	1
6	Incorporating Low-Dose Epidemiology Data in a Chlorpyrifos Risk Assessment. <i>Dose-Response</i> , 2013 , 11, dose-response.1	2.3	1
5	Uncertainty factor conundrums: what lessons should we draw?. <i>Risk Analysis</i> , 2010 , 30, 349-52; author reply 353	3.9	1
4	CERHR conclusions would have been strengthened by a more explicit weight-of-evidence analysis. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2008 , 83, 155-6		1
3	Bisphenol A (4,4'-Isopropylidenediphenol) 2015 , 795-808		
2	Comment: EPI/TOX Perspective on Chapter 2: What Data Sets Per se Say87-96		
1	Incorporating Low-dose Epidemiology Data in a Chlorpyrifos Risk Assessment. <i>Dose-Response</i> , 2013 , 11, 207-19	2.3	