

Mattias Åberg

List of Publications by Year in descending order

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40
papers

2,527
citations

623734

14
h-index

302126

39
g-index

42
all docs

42
docs citations

42
times ranked

4155
citing authors

#	ARTICLE	IF	CITATIONS
1	Worldwide burden of disease from exposure to second-hand smoke: a retrospective analysis of data from 192 countries. <i>Lancet, The</i> , 2011, 377, 139-146.	13.7	1,418
2	Statement on advancing the assessment of chemical mixtures and their risks for human health and the environment. <i>Environment International</i> , 2020, 134, 105267.	10.0	165
3	Strategic Focus on 3R Principles Reveals Major Reductions in the Use of Animals in Pharmaceutical Toxicity Testing. <i>PLoS ONE</i> , 2014, 9, e101638.	2.5	158
4	Identification of the Tryptophan Photoproduct 6-Formylindolo[3,2-b]carbazole, in Cell Culture Medium, as a Factor That Controls the Background Aryl Hydrocarbon Receptor Activity. <i>Toxicological Sciences</i> , 2005, 85, 935-943.	3.1	147
5	From cohorts to molecules: Adverse impacts of endocrine disrupting mixtures. <i>Science</i> , 2022, 375, eabe8244.	12.6	129
6	Aerial Application of Mancozeb and Urinary Ethylene Thiourea (ETU) Concentrations among Pregnant Women in Costa Rica: The Infants's Environmental Health Study (ISA). <i>Environmental Health Perspectives</i> , 2014, 122, 1321-1328.	6.0	66
7	Exposure to dioxin-like pollutants via different food commodities in Swedish children and young adults. <i>Food and Chemical Toxicology</i> , 2008, 46, 3360-3367.	3.6	54
8	Tissue Distribution and Half-Lives of Individual Polychlorinated Biphenyls and Serum Levels of 4-Hydroxy-2,3,3',4',5-pentachlorobiphenyl in the Rat. <i>Toxicological Sciences</i> , 2002, 70, 171-182.	3.1	49
9	Uppsala Consensus Statement on Environmental Contaminants and the Global Obesity Epidemic. <i>Environmental Health Perspectives</i> , 2016, 124, A81-3.	6.0	39
10	Indigenous children living nearby plantations with chlorpyrifos-treated bags have elevated 3,5,6-trichloro-2-pyridinol (TCPy) urinary concentrations. <i>Environmental Research</i> , 2012, 117, 17-26.	7.5	33
11	Health Impact Assessment of Environmental Tobacco Smoke in European Children: Sudden Infant Death Syndrome and Asthma Episodes. <i>Public Health Reports</i> , 2010, 125, 478-487.	2.5	25
12	Advancing the 3Rs in regulatory toxicology – Carcinogenicity testing: Scope for harmonisation and advancing the 3Rs in regulated sectors of the European Union. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 69, 234-242.	2.7	20
13	Benchmark dose approaches in chemical health risk assessment in relation to number and distress of laboratory animals. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 451-454.	2.7	15
14	Current modeling practice may lead to falsely high benchmark dose estimates. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 69, 171-177.	2.7	15
15	Discrepancy among acute guideline levels for emergency response. <i>Journal of Hazardous Materials</i> , 2010, 184, 439-447.	12.4	14
16	Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities. <i>Chemosphere</i> , 2010, 80, 137-143.	8.2	13
17	Inhibitory effects on osteoblast differentiation in vitro by the polychlorinated biphenyl mixture Aroclor 1254 are mainly associated with the dioxin-like constituents. <i>Toxicology in Vitro</i> , 2015, 29, 876-883.	2.4	13
18	Evaluation of the experimental basis for assessment factors to protect individuals with asthma from health effects during short-term exposure to airborne chemicals. <i>Critical Reviews in Toxicology</i> , 2016, 46, 241-260.	3.9	13

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19	Identifying the Scope of Safety Issues and Challenges to Safety Management in Swedish Middle School and High School Chemistry Education. <i>Journal of Chemical Education</i> , 2018, 95, 1132-1139.	2.3	12
20	Records from the Swedish poisons information centre as a means for surveillance of occupational accidents and incidents with chemicals. <i>Safety Science</i> , 2018, 104, 269-275.	4.9	11
21	A Probabilistic Approach to Evaluate the Risk of Decreased Total Triiodothyronine Hormone Levels following Chronic Exposure to PFOS and PFHxS via Contaminated Drinking Water. <i>Environmental Health Perspectives</i> , 2020, 128, 76001.	6.0	11
22	Associations between clinical signs and pathological findings in toxicity testing. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 198-214.	1.5	10
23	Does industry take the susceptible subpopulation of asthmatic individuals into consideration when setting derived no-effect levels?. <i>Journal of Applied Toxicology</i> , 2016, 36, 1379-1391.	2.8	9
24	Subchronic Toxicity of Baltic Herring Oil and its Fractions in the Rat (III) Bone Tissue Composition and Dimension, and Ratio of n-6/n-3 Fatty Acids in Serum Phospholipids. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 96, 453-464.	2.5	8
25	The point of transition on the dose-effect curve as a reference point in the evaluation of <i>in vitro</i> toxicity data. <i>Journal of Applied Toxicology</i> , 2012, 32, 843-849.	2.8	8
26	Incorporating regulatory guideline values in analysis of epidemiology data. <i>Environment International</i> , 2018, 120, 535-543.	10.0	8
27	Assigning ethical weights to clinical signs observed during toxicity testing. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2017, 34, 148-156.	1.5	7
28	Subchronic Toxicity of Baltic Herring Oil and its Fractions in the Rat II: Clinical Observations and Toxicological Parameters. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002, 91, 232-244.	0.0	6
29	Adult smoking as a proxy for environmental tobacco smoke exposure among children – Comparing the impact of the level of information in Estonia, Finland and Latvia. <i>Preventive Medicine</i> , 2009, 49, 240-244.	3.4	6
30	How are asthmatics included in the derivation of guideline values for emergency planning and response?. <i>Regulatory Toxicology and Pharmacology</i> , 2012, 63, 461-470.	2.7	6
31	Comparison of airway response in naïve and ovalbumin-sensitized mice during short-term inhalation exposure to chlorine. <i>Inhalation Toxicology</i> , 2017, 29, 82-91.	1.6	6
32	Comparing Data from the Poisons Information Centre with Employers' Accident Reports Reveal Under-Recognized Hazards at the Workplace. <i>Annals of Work Exposures and Health</i> , 2018, 62, 517-529.	1.4	6
33	Calls made to the Poisons Information Centre reveal need for improved risk management of cleaning agents in the workplace. <i>International Journal of Occupational Safety and Ergonomics</i> , 2020, 26, 140-148.	1.9	6
34	Influence of Distribution of Animals between Dose Groups on Estimated Benchmark Dose and Animal Distress for Quantal Responses. <i>Risk Analysis</i> , 2017, 37, 1716-1728.	2.7	5
35	High throughput screening of bisphenols and their mixtures under conditions of low-intensity adipogenesis of human mesenchymal stem cells (hMSCs). <i>Food and Chemical Toxicology</i> , 2022, 161, 112842.	3.6	5
36	Subchronic Toxicity of Baltic Herring Oil and its Fractions in the Rat I: Fractionation and Levels of Organohalogen Pollutants. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002, 91, 220-231.	0.0	4

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37	Multivariate Modelling of Polychlorinated Biphenyl-induced CYP1A Activity in the MH1C1 Rat Hepatoma Cell Line. <i>ATLA Alternatives To Laboratory Animals</i> , 2001, 29, 291-295.	1.0	3
38	Benchmark dose-response analyses for multiple endpoints in drug safety evaluation. <i>Toxicology and Applied Pharmacology</i> , 2021, 433, 115732.	2.8	3
39	Influence of Distribution of Animals between Dose Groups on Estimated Benchmark Dose and Animal Welfare for Continuous Effects. <i>Risk Analysis</i> , 2018, 38, 1143-1153.	2.7	1
40	Occurrence and levels of environmental chemicals in human milk in the general population. <i>Toxicology Letters</i> , 2006, 164, S117.	0.8	0