

Stephanie K Bopp

List of Publications by Citations

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Version: 2024-04-27

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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.

34
papers

1,432
citations

19
h-index

34
g-index

34
ext. papers

1,748
ext. citations

5.9
avg, IF

4.66
L-index

#	Paper	IF	Citations
34	Regulatory assessment of chemical mixtures: Requirements, current approaches and future perspectives. <i>Regulatory Toxicology and Pharmacology</i> , 2016 , 80, 321-34	3.4	139
33	Copper-induced oxidative stress in rainbow trout gill cells. <i>Aquatic Toxicology</i> , 2008 , 86, 197-204	5.1	132
32	Development of a framework based on an ecosystem services approach for deriving specific protection goals for environmental risk assessment of pesticides. <i>Science of the Total Environment</i> , 2012 , 415, 31-8	10.2	131
31	Current EU research activities on combined exposure to multiple chemicals. <i>Environment International</i> , 2018 , 120, 544-562	12.9	119
30	From the exposome to mechanistic understanding of chemical-induced adverse effects. <i>Environment International</i> , 2017 , 99, 97-106	12.9	113
29	Comparison of four different colorimetric and fluorometric cytotoxicity assays in a zebrafish liver cell line. <i>BMC Pharmacology</i> , 2008 , 8, 8		108
28	Gene regulation in the marine diatom <i>Thalassiosira pseudonana</i> upon exposure to polycyclic aromatic hydrocarbons (PAHs). <i>Gene</i> , 2007 , 396, 293-302	3.8	73
27	Regulatory assessment and risk management of chemical mixtures: challenges and ways forward. <i>Critical Reviews in Toxicology</i> , 2019 , 49, 174-189	5.7	68
26	Strategies to improve the regulatory assessment of developmental neurotoxicity (DNT) using in vitro methods. <i>Toxicology and Applied Pharmacology</i> , 2018 , 354, 7-18	4.6	68
25	Zñich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , 2018 , 126, 84502	8.4	58
24	Time-integrated monitoring of polycyclic aromatic hydrocarbons (Pahs) in groundwater using the ceramic dosimeter passive sampling device. <i>Journal of Chromatography A</i> , 2005 , 1072, 137-47	4.5	52
23	Transcriptomics responses in marine diatom <i>Thalassiosira pseudonana</i> exposed to the polycyclic aromatic hydrocarbon benzo[a]pyrene. <i>PLoS ONE</i> , 2011 , 6, e26985	3.7	47
22	Ten years of research on synergisms and antagonisms in chemical mixtures: A systematic review and quantitative reappraisal of mixture studies. <i>Environment International</i> , 2021 , 146, 106206	12.9	44
21	Assessment of developmental neurotoxicity induced by chemical mixtures using an adverse outcome pathway concept. <i>Environmental Health</i> , 2020 , 19, 23	6	32
20	Improving substance information in USEtox , part 1: Discussion on data and approaches for estimating freshwater ecotoxicity effect factors. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 3450-3462 ³⁸		31
19	Development of a solvent-free, solid-phase in vitro bioassay using vertebrate cells. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 1390-8	3.8	25
18	Applying whole water samples to cell bioassays for detecting dioxin-like compounds at contaminated sites. <i>Toxicology</i> , 2004 , 205, 211-21	4.4	23

17	Gene biomarkers in diatom <i>Thalassiosira pseudonana</i> exposed to polycyclic aromatic hydrocarbons from contaminated marine surface sediments. <i>Aquatic Toxicology</i> , 2011 , 101, 244-53	5.1	22
16	Current EU regulatory requirements for the assessment of chemicals and cosmetic products: challenges and opportunities for introducing new approach methodologies. <i>Archives of Toxicology</i> , 2021 , 95, 1867-1897	5.8	21
15	Recovery of aquatic and terrestrial populations in the context of European pesticide risk assessment. <i>Environmental Reviews</i> , 2015 , 23, 382-394	4.5	18
14	Passive sampler for combined chemical and toxicological long-term monitoring of groundwater: the ceramic toximeter. <i>Environmental Science & Technology</i> , 2007 , 41, 6868-76	10.3	17
13	Population-level effects and recovery of aquatic invertebrates after multiple applications of an insecticide. <i>Integrated Environmental Assessment and Management</i> , 2016 , 12, 67-81	2.5	16
12	Application of new statistical distribution approaches for environmental mixture risk assessment: A case study. <i>Science of the Total Environment</i> , 2019 , 693, 133510	10.2	15
11	Chapter 12 Use of ceramic dosimeters in water monitoring. <i>Comprehensive Analytical Chemistry</i> , 2007 , 279-293	1.9	11
10	Dioxin-ähnliche Wirkungen durch Grundwasser am Industriestandort Zeitz. <i>Grundwasser</i> , 2004 , 9, 33-42	1.1	11
9	Passive Probennahme in Grund- und OberflächenwasserEin Überblick. <i>Grundwasser</i> , 2004 , 9, 109	1.1	7
8	Physiologically based kinetic (PBK) modelling and human biomonitoring data for mixture risk assessment. <i>Environment International</i> , 2020 , 143, 105978	12.9	7
7	Role of Physiologically Based Kinetic modelling in addressing environmental chemical mixtures - A review. <i>Computational Toxicology</i> , 2019 , 10, 158-168	3.1	7
6	Risk assessment of plant protection products. <i>EFSA Journal</i> , 2012 , 10, s1010	2.3	5
5	A conceptual data quality framework for IPCHEM – The European Commission Information Platform for chemical monitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 127, 115879	14.6	4
4	Combining in vitro assays and mathematical modelling to study developmental neurotoxicity induced by chemical mixtures. <i>Reproductive Toxicology</i> , 2021 , 105, 101-119	3.4	4
3	Chapter 18 Use of passive sampling devices in toxicity assessment of groundwater. <i>Comprehensive Analytical Chemistry</i> , 2007 , 48, 393-405	1.9	2
2	Indoor air monitoring: Sharing and accessing data via the Information Platform for chemical monitoring (IPCHEM). <i>International Journal of Hygiene and Environmental Health</i> , 2020 , 227, 113515	6.9	1
1	Chemical Mixtures in the EU Population: Composition and Potential Risks. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6121	4.6	1