Luise Henneberger

List of Publications by Year
in descending order

22	621	567281 15	677142 22
papers	citations	h-index	g-index

22	22	22	673
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling Exposure in the Tox21 in Vitro Bioassays. Chemical Research in Toxicology, 2017, 30, 1197-1208.	3.3	103
2	Cytotoxicity Burst? Differentiating Specific from Nonspecific Effects in Tox21 in Vitro Reporter Gene Assays. Environmental Health Perspectives, 2020, 128, 77007.	6.0	57
3	General baseline toxicity QSAR for nonpolar, polar and ionisable chemicals and their mixtures in the bioluminescence inhibition assay with Aliivibrio fischeri. Environmental Sciences: Processes and Impacts, 2017, 19, 414-428.	3.5	55
4	Equilibrium Sorption of Structurally Diverse Organic Ions to Bovine Serum Albumin. Environmental Science & Technology, 2016, 50, 5119-5126.	10.0	51
5	Partitioning of Organic Ions to Muscle Protein: Experimental Data, Modeling, and Implications for in Vivo Distribution of Organic Ions. Environmental Science & Technology, 2016, 50, 7029-7036.	10.0	44
6	Application of Experimental Polystyrene Partition Constants and Diffusion Coefficients to Predict the Sorption of Neutral Organic Chemicals to Multiwell Plates in in Vivo and in Vitro Bioassays. Environmental Science & Technology, 2018, 52, 13511-13522.	10.0	40
7	Cellular Uptake Kinetics of Neutral and Charged Chemicals in in Vitro Assays Measured by Fluorescence Microscopy. Chemical Research in Toxicology, 2018, 31, 646-657.	3.3	29
8	C18-Coated Solid-Phase Microextraction Fibers for the Quantification of Partitioning of Organic Acids to Proteins, Lipids, and Cells. Chemical Research in Toxicology, 2019, 32, 168-178.	3.3	29
9	Combined Ion-Trapping and Mass Balance Models To Describe the pH-Dependent Uptake and Toxicity of Acidic and Basic Pharmaceuticals in Zebrafish Embryos (Danio rerio). Environmental Science & Technology, 2019, 53, 7877-7886.	10.0	27
10	Suspended Particulate Matterâ€"A Source or Sink for Chemical Mixtures of Organic Micropollutants in a Small River under Baseflow Conditions?. Environmental Science & Technology, 2021, 55, 5106-5116.	10.0	24
11	Critical Membrane Concentration and Mass-Balance Model to Identify Baseline Cytotoxicity of Hydrophobic and Ionizable Organic Chemicals in Mammalian Cell Lines. Chemical Research in Toxicology, 2021, 34, 2100-2109.	3.3	23
12	Quantification of freely dissolved effect concentrations in in vitro cell-based bioassays. Archives of Toxicology, 2019, 93, 2295-2305.	4.2	21
13	Experimental Validation of Mass Balance Models for in Vitro Cell-Based Bioassays. Environmental Science & Technology, 2020, 54, 1120-1127.	10.0	19
14	Equilibrium biopartitioning of organic anions â€" A case study for humans and fish. Chemosphere, 2018, 199, 174-181.	8.2	17
15	How To Improve the Dosing of Chemicals in High-Throughput in Vitro Mammalian Cell Assays. Chemical Research in Toxicology, 2019, 32, 1462-1468.	3.3	16
16	Trout and Human Plasma Protein Binding of Selected Pharmaceuticals Informs the Fish Plasma Model. Environmental Toxicology and Chemistry, 2022, 41, 559-568.	4.3	15
17	Cellular Metabolism in High-Throughput In Vitro Reporter Gene Assays and Implications for the Quantitative In Vitroâ€"In Vivo Extrapolation. Chemical Research in Toxicology, 2020, 33, 1770-1779.	3.3	14
18	Experimental Exposure Assessment of Ionizable Organic Chemicals in In Vitro Cell-Based Bioassays. Chemical Research in Toxicology, 2020, 33, 1845-1854.	3.3	9

#	Article	IF	Citations
19	Environmental Sorption Behavior of Ionic and Ionizable Organic Chemicals. Reviews of Environmental Contamination and Toxicology, 2019, 253, 43-64.	1.3	8
20	Quantitative In Vitro-to-In Vivo Extrapolation: Nominal versus Freely Dissolved Concentration. Chemical Research in Toxicology, 2021, 34, 1175-1182.	3.3	8
21	pH-Dependent Partitioning of Ionizable Organic Chemicals between the Silicone Polymer Polydimethylsiloxane (PDMS) and Water. ACS Environmental Au, 2022, 2, 253-262.	7.0	6
22	High-Throughput Assessment of the Abiotic Stability of Test Chemicals in In Vitro Bioassays. Chemical Research in Toxicology, 2022, 35, 867-879.	3.3	6