

Thomas H Miller

List of Publications by Year in descending order

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16
papers

980
citations

566801

15
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicompartment and cross-species monitoring of contaminants of emerging concern in an estuarine habitat. <i>Environmental Pollution</i> , 2021, 270, 116300.	3.7	22
2	Prediction of bioconcentration factors in fish and invertebrates using machine learning. <i>Science of the Total Environment</i> , 2019, 648, 80-89.	3.9	60
3	Biomonitoring of pesticides, pharmaceuticals and illicit drugs in a freshwater invertebrate to estimate toxic or effect pressure. <i>Environment International</i> , 2019, 129, 595-606.	4.8	83
4	The Use of Molecular Descriptors To Model Pharmaceutical Uptake by a Fish Primary Gill Cell Culture Epithelium. <i>Environmental Science & Technology</i> , 2019, 53, 1576-1584.	4.6	14
5	A review of the pharmaceutical exposome in aquatic fauna. <i>Environmental Pollution</i> , 2018, 239, 129-146.	3.7	189
6	Machine Learning for Environmental Toxicology: A Call for Integration and Innovation. <i>Environmental Science & Technology</i> , 2018, 52, 12953-12955.	4.6	34
7	DNA methylation-based forensic age prediction using artificial neural networks and next generation sequencing. <i>Forensic Science International: Genetics</i> , 2017, 28, 225-236.	1.6	170
8	Uptake, biotransformation and elimination of selected pharmaceuticals in a freshwater invertebrate measured using liquid chromatography tandem mass spectrometry. <i>Chemosphere</i> , 2017, 183, 389-400.	4.2	31
9	The First Attempt at Non-Linear in Silico Prediction of Sampling Rates for Polar Organic Chemical Integrative Samplers (POCIS). <i>Environmental Science & Technology</i> , 2016, 50, 7973-7981.	4.6	38
10	Targeted metabolomics of <i>Gammarus pulex</i> following controlled exposures to selected pharmaceuticals in water. <i>Science of the Total Environment</i> , 2016, 562, 777-788.	3.9	36
11	Assessing the reliability of uptake and elimination kinetics modelling approaches for estimating bioconcentration factors in the freshwater invertebrate, <i>Gammarus pulex</i> . <i>Science of the Total Environment</i> , 2016, 547, 396-404.	3.9	30
12	Pharmaceuticals in the freshwater invertebrate, <i>Gammarus pulex</i> , determined using pulverised liquid extraction, solid phase extraction and liquid chromatography-tandem mass spectrometry. <i>Science of the Total Environment</i> , 2015, 511, 153-160.	3.9	59
13	Environmental monitoring of urban streams using a primary fish gill cell culture system (FIGCS). <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 279-285.	2.9	18
14	Artificial neural network modelling of pharmaceutical residue retention times in wastewater extracts using gradient liquid chromatography-high resolution mass spectrometry data. <i>Journal of Chromatography A</i> , 2015, 1396, 34-44.	1.8	46
15	Suspect screening of large numbers of emerging contaminants in environmental waters using artificial neural networks for chromatographic retention time prediction and high resolution mass spectrometry data analysis. <i>Science of the Total Environment</i> , 2015, 538, 934-941.	3.9	96
16	Prediction of Chromatographic Retention Time in High-Resolution Anti-Doping Screening Data Using Artificial Neural Networks. <i>Analytical Chemistry</i> , 2013, 85, 10330-10337.	3.2	54