

Nicolas Creusot

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,507
citations

430442

18
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

2148
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect-directed analysis supporting monitoring of aquatic environments – An in-depth overview. <i>Science of the Total Environment</i> , 2016, 544, 1073-1118.	3.9	288
2	Linking in Vitro Effects and Detected Organic Micropollutants in Surface Water Using Mixture-Toxicity Modeling. <i>Environmental Science & Technology</i> , 2015, 49, 14614-14624.	4.6	164
3	European demonstration program on the effect-based and chemical identification and monitoring of organic pollutants in European surface waters. <i>Science of the Total Environment</i> , 2017, 601-602, 1849-1868.	3.9	151
4	Identification of Synthetic Steroids in River Water Downstream from Pharmaceutical Manufacture Discharges Based on a Bioanalytical Approach and Passive Sampling. <i>Environmental Science & Technology</i> , 2014, 48, 3649-3657.	4.6	111
5	Mixtures of Chemical Pollutants at European Legislation Safety Concentrations: How Safe Are They?. <i>Toxicological Sciences</i> , 2014, 141, 218-233.	1.4	108
6	Bioanalytical characterisation of multiple endocrine- and dioxin-like activities in sediments from reference and impacted small rivers. <i>Environmental Pollution</i> , 2010, 158, 74-83.	3.7	106
7	Effect-directed analysis of endocrine-disrupting compounds in multi-contaminated sediment: identification of novel ligands of estrogen and pregnane X receptors. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2553-2566.	1.9	66
8	Effect-based tools for monitoring estrogenic mixtures: Evaluation of five in Vitro bioassays. <i>Water Research</i> , 2017, 110, 378-388.	5.3	64
9	Evaluation of an hPXR reporter gene assay for the detection of aquatic emerging pollutants: screening of chemicals and application to water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 569-583.	1.9	59
10	Occurrence of androgens in sewage treatment plants influents is associated with antagonist activities on other steroid receptors. <i>Water Research</i> , 2012, 46, 1912-1922.	5.3	51
11	A critical role of follicle-stimulating hormone (Fsh) in mediating the effect of clotrimazole on testicular steroidogenesis in adult zebrafish. <i>Toxicology</i> , 2012, 298, 30-39.	2.0	36
12	An integrative approach combining passive sampling, bioassays, and effect-directed analysis to assess the impact of wastewater effluent. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2079-2088.	2.2	33
13	Distribution of steroid- and dioxin-like activities between sediments, POCIS and SPMD in a French river subject to mixed pressures. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2784-2794.	2.7	30
14	Effect-based monitoring of the Danube River using mobile passive sampling. <i>Science of the Total Environment</i> , 2018, 636, 1608-1619.	3.9	29
15	Zebrafish-based reporter gene assays reveal different estrogenic activities in river waters compared to a conventional human-derived assay. <i>Science of the Total Environment</i> , 2016, 550, 934-939.	3.9	27
16	Effect of in vivo chronic exposure to clotrimazole on zebrafish testis function. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2747-2760.	2.7	26
17	Proposal to optimize ecotoxicological evaluation of wastewater treated by conventional biological and ozonation processes. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3008-3017.	2.7	26
18	Retrospective screening of high-resolution mass spectrometry archived digital samples can improve environmental risk assessment of emerging contaminants: A case study on antifungal azoles. <i>Environment International</i> , 2020, 139, 105708.	4.8	23

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19	Tolerance Patterns in Stream Biofilms Link Complex Chemical Pollution to Ecological Impacts. <i>Environmental Science & Technology</i> , 2020, 54, 10745-10753.	4.6	22
20	Extraction and purification procedures for simultaneous quantification of phenolic xenoestrogens and steroid estrogens in river sediment by gas chromatography/ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3651-3661.	0.7	17
21	Human and Zebrafish Nuclear Progesterone Receptors Are Differently Activated by Manifold Progestins. <i>Environmental Science & Technology</i> , 2020, 54, 9510-9518.	4.6	17
22	The Anti-Cancer Drug Dabrafenib Is a Potent Activator of the Human Pregnane X Receptor. <i>Cells</i> , 2020, 9, 1641.	1.8	13
23	Metabolomics insight into the influence of environmental factors in responses of freshwater biofilms to the model herbicide diuron. <i>Environmental Science and Pollution Research</i> , 2022, 29, 29332-29347.	2.7	9
24	Characterization of endocrine disruptors from a complex matrix using estrogen receptor affinity columns and high performance liquid chromatography–high resolution mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2705-2720.	2.7	8
25	Photolysis of estrone generates estrogenic photoproducts with higher activity than the parent compound. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7818-7827.	2.7	6
26	Evaluation of an extraction method for a mixture of endocrine disruptors in sediment using chemical and in vitro biological analyses. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10349-10360.	2.7	6
27	A Comparative Study of Human and Zebrafish Pregnane X Receptor Activities of Pesticides and Steroids Using In Vitro Reporter Gene Assays. <i>Frontiers in Endocrinology</i> , 2021, 12, 665521.	1.5	6
28	Assessment of Ozone or Not-Treated Wastewater Ecotoxicity Using Mechanism-Based and Zebrafish Embryo Bioassays. <i>Journal of Environmental Protection</i> , 2018, 09, 325-346.	0.3	5