

Frédérique Courant

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,244
citations

394421

19
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

1901
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Circulating Sex Steroid Levels in Prepubertal and Pubertal Boys and Girls by a Novel Ultrasensitive Gas Chromatography-Tandem Mass Spectrometry Method. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 82-92.	3.6	152
2	Diclofenac in the marine environment: A review of its occurrence and effects. <i>Marine Pollution Bulletin</i> , 2018, 131, 496-506.	5.0	130
3	Development of a metabolomic approach based on liquid chromatography-high resolution mass spectrometry to screen for clenbuterol abuse in calves. <i>Analyst</i> , The, 2009, 134, 1637.	3.5	110
4	Basics of mass spectrometry based metabolomics. <i>Proteomics</i> , 2014, 14, 2369-2388.	2.2	95
5	Exposure Assessment of Prepubertal Children to Steroid Endocrine Disruptors. 2. Determination of Steroid Hormones in Milk, Egg, and Meat Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 3176-3184.	5.2	66
6	Offspring Metabolomic Response to Maternal Protein Restriction in a Rat Model of Intrauterine Growth Restriction (IUGR). <i>Journal of Proteome Research</i> , 2011, 10, 3292-3302.	3.7	63
7	In utero exposure to cigarette smoke dysregulates human fetal ovarian developmental signalling. <i>Human Reproduction</i> , 2014, 29, 1471-1489.	0.9	63
8	Metabolomics assessment of the effects of diclofenac exposure on <i>Mytilus galloprovincialis</i> : Potential effects on osmoregulation and reproduction. <i>Science of the Total Environment</i> , 2018, 613-614, 611-618.	8.0	60
9	Maternal and Cord Blood LC-HRMS Metabolomics Reveal Alterations in Energy and Polyamine Metabolism, and Oxidative Stress in Very-low Birth Weight Infants. <i>Journal of Proteome Research</i> , 2013, 12, 2764-2778.	3.7	48
10	Exposure assessment of prepubertal children to steroid endocrine disruptors. <i>Analytica Chimica Acta</i> , 2007, 586, 105-114.	5.4	47
11	Anthropic impacts on Sub-Saharan urban water resources through their pharmaceutical contamination (Yaoundé, Center Region, Cameroon). <i>Science of the Total Environment</i> , 2019, 660, 886-898.	8.0	47
12	Metabolomics approach reveals disruption of metabolic pathways in the marine bivalve <i>Mytilus galloprovincialis</i> exposed to a WWTP effluent extract. <i>Science of the Total Environment</i> , 2020, 712, 136551.	8.0	45
13	Metabolic profiling identification of metabolites formed in Mediterranean mussels (<i>Mytilus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	8.0	44
14	Metabolomics as a Potential New Approach for Investigating Human Reproductive Disorders. <i>Journal of Proteome Research</i> , 2013, 12, 2914-2920.	3.7	40
15	Correlation between the synthetic origin of methamphetamine samples and their ¹⁵ N and ¹³ C stable isotope ratios. <i>Analytica Chimica Acta</i> , 2007, 593, 20-29.	5.4	36
16	Identification and quantification of 5 α -dihydrotestosterone in the teleost fathead minnow (<i>Pimephales</i>) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Endocrinology</i> , 2013, 191, 202-209.	1.8	31
17	Implementation of a semi-automated strategy for the annotation of metabolomic fingerprints generated by liquid chromatography-high resolution mass spectrometry from biological samples. <i>Analyst</i> , The, 2012, 137, 4958.	3.5	27
18	Exposure of marine mussels to diclofenac: modulation of prostaglandin biosynthesis. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6087-6094.	5.3	22

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19	Multifactorial Analysis of Environmental Metabolomic Data in Ecotoxicology: Wild Marine Mussel Exposed to WWTP Effluent as a Case Study. <i>Metabolites</i> , 2020, 10, 269.	2.9	19
20	Multi-omic approach to evaluate the response of gilt-head sea bream (<i>Sparus aurata</i>) exposed to the UV filter sulisobenzone. <i>Science of the Total Environment</i> , 2022, 803, 150080.	8.0	16
21	An integrated metabolomics and proteogenomics approach reveals molecular alterations following carbamazepine exposure in the male mussel <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2022, 286, 131793.	8.2	15
22	Environmental Metabolomics Promises and Achievements in the Field of Aquatic Ecotoxicology: Viewed through the Pharmaceutical Lens. <i>Metabolites</i> , 2022, 12, 186.	2.9	15
23	Effects of mono-(2-ethylhexyl) phthalate (MEHP) on chicken germ cells cultured in vitro. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2771-2783.	5.3	11
24	In vivo exposure of marine mussels to venlafaxine: bioconcentration and metabolization. <i>Environmental Science and Pollution Research</i> , 2021, 28, 68862-68870.	5.3	10
25	Long-term exposure to environmental diclofenac concentrations impairs growth and induces molecular changes in <i>Lymnaea stagnalis</i> freshwater snails. <i>Chemosphere</i> , 2022, 291, 133065.	8.2	10
26	Early Biological Modulations Resulting from 1-Week Venlafaxine Exposure of Marine Mussels <i>Mytilus galloprovincialis</i> Determined by a Metabolomic Approach. <i>Metabolites</i> , 2022, 12, 197.	2.9	9
27	Development of a molecular recognition based approach for multi-residue extraction of estrogenic endocrine disruptors from biological fluids coupled to liquid chromatography-tandem mass spectrometry measurement. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8713-8723.	3.7	8
28	Urinary excretion of sex steroid hormone metabolites after consumption of cow milk: a randomized crossover intervention trial. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 402-410.	4.7	4
29	Metabolism of the aquatic pollutant diclofenac in the <i>Lymnaea stagnalis</i> freshwater gastropod. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85081-85094.	5.3	1
30	Mass spectrometry to explore exposome and metabolome of organisms exposed to pharmaceuticals and personal care products. , 2020, , 235-257.		0
31	A Simple Continuum Approach for Canonical Correlation Analysis; Applications to "Omics" Data. <i>Current Analytical Chemistry</i> , 2012, 8, 310-318.	1.2	0