FrÃ©dÃ©rique Courant

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8252514/publications.pdf

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	Multi-omic approach to evaluate the response of gilt-head sea bream (Sparus aurata) exposed to the UV filter sulisobenzone. Science of the Total Environment, 2022, 803, 150080.	8.0	16
2	An integrated metabolomics and proteogenomics approach reveals molecular alterations following carbamazepine exposure in the male mussel Mytilus galloprovincialis. Chemosphere, 2022, 286, 131793.	8.2	15
3	Long-term exposure to environmental diclofenac concentrations impairs growth and induces molecular changes in Lymnaea stagnalis freshwater snails. Chemosphere, 2022, 291, 133065.	8.2	10
4	Early Biological Modulations Resulting from 1-Week Venlafaxine Exposure of Marine Mussels Mytilus galloprovincialis Determined by a Metabolomic Approach. Metabolites, 2022, 12, 197.	2.9	9
5	Environmental Metabolomics Promises and Achievements in the Field of Aquatic Ecotoxicology: Viewed through the Pharmaceutical Lens. Metabolites, 2022, 12, 186.	2.9	15
6	Metabolism of the aquatic pollutant diclofenac in the Lymnaea stagnalis freshwater gastropod. Environmental Science and Pollution Research, 2022, 29, 85081-85094.	5.3	1
7	In vivo exposure of marine mussels to venlafaxine: bioconcentration and metabolization. Environmental Science and Pollution Research, 2021, 28, 68862-68870.	5.3	10
8	Metabolomics approach reveals disruption of metabolic pathways in the marine bivalve Mytilus galloprovincialis exposed to a WWTP effluent extract. Science of the Total Environment, 2020, 712, 136551.	8.0	45
9	Multifactorial Analysis of Environmental Metabolomic Data in Ecotoxicology: Wild Marine Mussel Exposed to WWTP Effluent as a Case Study. Metabolites, 2020, 10, 269.	2.9	19
10	Mass spectrometry to explore exposome and metabolome of organisms exposed to pharmaceuticals and personal care products. , 2020, , 235-257.		0
11	Urinary excretion of sex steroid hormone metabolites after consumption of cow milk: a randomized crossover intervention trial. American Journal of Clinical Nutrition, 2019, 109, 402-410.	4.7	4
12	Anthropic impacts on Sub-Saharan urban water resources through their pharmaceutical contamination (YaoundÃ©, Center Region, Cameroon). Science of the Total Environment, 2019, 660, 886-898.	8.0	47
13	Diclofenac in the marine environment: A review of its occurrence and effects. Marine Pollution Bulletin, 2018, 131, 496-506.	5.0	130
14	Exposure of marine mussels to diclofenac: modulation of prostaglandin biosynthesis. Environmental Science and Pollution Research, 2018, 25, 6087-6094.	5.3	22
15	Metabolomics assessment of the effects of diclofenac exposure on Mytilus galloprovincialis: Potential effects on osmoregulation and reproduction. Science of the Total Environment, 2018, 613-614, 611-618.	8.0	60
16	Metabolic profiling identification of metabolites formed in Mediterranean mussels (Mytilus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	8.0	44
17	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. Analytical and Bioanalytical Chemistry, 2015, 407, 8713-8723.	3.7	8
18	Basics of mass spectrometry based metabolomics. Proteomics, 2014, 14, 2369-2388.	2.2	95

#	Article	IF	Citations
19	In utero exposure to cigarette smoke dysregulates human fetal ovarian developmental signalling. Human Reproduction, 2014, 29, 1471-1489.	0.9	63
20	Identification and quantification of 5Î±-dihydrotestosterone in the teleost fathead minnow (Pimephales) Tj ETQq0 0 0 rgBT /Overlock 10 Endocrinology, 2013, 191, 202-209.	1.8	31
21	Metabolomics as a Potential New Approach for Investigating Human Reproductive Disorders. Journal of Proteome Research, 2013, 12, 2914-2920.	3.7	40
22	Effects of mono-(2-ethylhexyl) phthalate (MEHP) on chicken germ cells cultured in vitro. Environmental Science and Pollution Research, 2013, 20, 2771-2783.	5.3	11
23	Maternal and Cord Blood LC-HRMS Metabolomics Reveal Alterations in Energy and Polyamine Metabolism, and Oxidative Stress in Very-low Birth Weight Infants. Journal of Proteome Research, 2013, 12, 2764-2778.	3.7	48
24	Implementation of a semi-automated strategy for the annotation of metabolomic fingerprints generated by liquid chromatography-high resolution mass spectrometry from biological samples. Analyst, The, 2012, 137, 4958.	3.5	27
25	A Simple Continuum Approach for Canonical Correlation Analysis; Applications to â€œOmicsâ€•Data. Current Analytical Chemistry, 2012, 8, 310-318.	1.2	0
26	Offspring Metabolomic Response to Maternal Protein Restriction in a Rat Model of Intrauterine Growth Restriction (IUGR). Journal of Proteome Research, 2011, 10, 3292-3302.	3.7	63
27	Assessment of Circulating Sex Steroid Levels in Prepubertal and Pubertal Boys and Girls by a Novel Ultrasensitive Gas Chromatography-Tandem Mass Spectrometry Method. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 82-92.	3.6	152
28	Development of a metabolomic approach based on liquid chromatography-high resolution mass spectrometry to screen for clenbuterol abuse in calves. Analyst, The, 2009, 134, 1637.	3.5	110
29	Exposure Assessment of Prepubertal Children to Steroid Endocrine Disruptors. 2. Determination of Steroid Hormones in Milk, Egg, and Meat Samples. Journal of Agricultural and Food Chemistry, 2008, 56, 3176-3184.	5.2	66
30	Exposure assessment of prepubertal children to steroid endocrine disrupters. Analytica Chimica Acta, 2007, 586, 105-114.	5.4	47
31	Correlation between the synthetic origin of methamphetamine samples and their 15N and 13C stable isotope ratios. Analytica Chimica Acta, 2007, 593, 20-29.	5.4	36