Ronan Cariou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4630855/publications.pdf

Version: 2024-02-01

60 papers	2,070 citations	279701 23 h-index	233338 45 g-index
62 all docs	62 docs citations	62 times ranked	2340 citing authors

#	Article	IF	Citations
1	Determination of chlorinated paraffins (CPs): Analytical conundrums and the pressing need for reliable and relevant standards. Chemosphere, 2022, 286, 131878.	4.2	30
2	Identification by volatolomics of hydrocarbon, oxygenated, sulfur and aromatic markers of livestock exposure to Î±-hexabromocyclododecane. Food Chemistry, 2022, 374, 131504.	4.2	3
3	Thorough investigation of non-volatile substances extractible from inner coatings of metallic cans and their occurrence in the canned vegetables. Journal of Hazardous Materials, 2022, 435, 129026.	6.5	4
4	Improving infant food safety by avoiding hazards of chemical mixture effects using novel integrated methods based on bioassays and analytical chemistry. , 2022, 2, 100012.		0
5	Transfer of short-, medium-, and long-chain chlorinated paraffins to eggs of laying hens after dietary exposure. Food Chemistry, 2021, 343, 128491.	4.2	26
6	Non-targeted screening methodology to characterise human internal chemical exposure: Application to halogenated compounds in human milk. Talanta, 2021, 225, 121979.	2.9	25
7	Dechlorane Plus and Related Compounds in Foodâ€"A Review. International Journal of Environmental Research and Public Health, 2021, 18, 690.	1.2	10
8	Accumulation of short-, medium-, and long- chain chlorinated paraffins in tissues of laying hens after dietary exposure. Food Chemistry, 2021, 351, 129289.	4.2	13
9	Nontargeted LC/ESI-HRMS Detection of Polyhalogenated Compounds in Marine Mammals Stranded on French Atlantic Coasts. ACS ES&T Water, 2021, 1, 309-318.	2.3	16
10	Levels of persistent organic pollutants (POPs) in foods from the first regional Sub-Saharan Africa Total Diet Study. Environment International, 2020, 135, 105413.	4.8	36
11	Enantiomeric fraction of hexabromocyclododecanes in foodstuff from the Belgian market. Chemosphere, 2020, 260, 127607.	4.2	2
12	Addressing Main Challenges Regarding Short- and Medium-Chain Chlorinated Paraffin Analysis Using GC/ECNI-MS and LC/ESI-MS Methods. Journal of the American Society for Mass Spectrometry, 2020, 31, 1885-1895.	1.2	36
13	Do farming conditions influence brominated flame retardant levels in pig and poultry products?. Animal, 2020, 14, 1313-1321.	1.3	5
14	Optimized characterization of short-, medium, and long-chain chlorinated paraffins in liquid chromatography-high resolution mass spectrometry. Journal of Chromatography A, 2020, 1619, 460927.	1.8	23
15	Undernutrition combined with dietary mineral oil hastens depuration of stored dioxin and polychlorinated biphenyls in ewes. 2. Tissue distribution, mass balance and body burden. PLoS ONE, 2020, 15, e0230628.	1.1	3
16	Undernutrition combined with dietary mineral oil hastens depuration of stored dioxin and polychlorinated biphenyls in ewes. 1. Kinetics in blood, adipose tissue and faeces. PLoS ONE, 2020, 15, e0230629.	1.1	6
17	Title is missing!. , 2020, 15, e0230628.		0
18	Title is missing!. , 2020, 15, e0230628.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 15, e0230628.		0
20	Title is missing!. , 2020, 15, e0230628.		0
21	Title is missing!. , 2020, 15, e0230629.		0
22	Title is missing!. , 2020, 15, e0230629.		0
23	Title is missing!. , 2020, 15, e0230629.		0
24	Assessment of Dechlorane Plus and related compounds in foodstuffs and estimates of daily intake from Lebanese population. Chemosphere, 2019, 235, 492-497.	4.2	9
25	Toward the characterisation of non-intentionally added substances migrating from polyester-polyurethane lacquers by comprehensive gas chromatography-mass spectrometry technologies. Journal of Chromatography A, 2019, 1601, 327-334.	1.8	23
26	HaloSeeker 1.0: A User-Friendly Software to Highlight Halogenated Chemicals in Nontargeted High-Resolution Mass Spectrometry Data Sets. Analytical Chemistry, 2019, 91, 3500-3507.	3.2	52
27	Elucidation of non-intentionally added substances migrating from polyester-polyurethane lacquers using automated LC-HRMS data processing. Analytical and Bioanalytical Chemistry, 2018, 410, 5391-5403.	1.9	22
28	In ovo transformation of two emerging flame retardants in Japanese quail (Coturnix japonica). Ecotoxicology and Environmental Safety, 2018, 149, 51-57.	2.9	10
29	Analysis of Medium-Chain and Long-Chain Chlorinated Paraffins: The Urgent Need for More Specific Analytical Standards. Environmental Science and Technology Letters, 2018, 5, 708-717.	3.9	61
30	Environmental Risks of Medium-Chain Chlorinated Paraffins (MCCPs): A Review. Environmental Science & Technology, 2018, 52, 6743-6760.	4.6	171
31	Occurrence of Dechlorane Plus and related compounds in catfish (Silurus spp.) from rivers in France. Chemosphere, 2018, 207, 413-420.	4.2	13
32	Dealing with strong mass interferences of chlorinated paraffins and their transformation products: An analytical guide. TrAC - Trends in Analytical Chemistry, 2018, 106, 116-124.	5.8	42
33	Enantiomer-specific accumulation and depuration of Î±-hexabromocyclododecane (Î±-HBCDD) in chicken () Tj ETQq1 1 0.784314 rgBT	4.2	7
34	Accumulation of Î±-hexabromocyclododecane (Î±-HBCDD) in tissues of fast- and slow-growing broilers (Gallus domesticus). Chemosphere, 2017, 178, 424-431.	4.2	9
35	Micropollutants and chemical residues in organic and conventional meat. Food Chemistry, 2017, 232, 218-228.	4.2	40
36	Hens can ingest extruded polystyrene in rearing buildings and lay eggs contaminated with hexabromocyclododecane. Chemosphere, 2017, 186, 62-67.	4.2	11

#	Article	IF	Citations
37	APCI as an innovative ionization mode compared with EI and CI for the analysis of a large range of organophosphate esters using GCâ€MS/MS. Journal of Mass Spectrometry, 2017, 52, 54-61.	0.7	14
38	Screening halogenated environmental contaminants in biota based on isotopic pattern and mass defect provided by high resolution mass spectrometry profiling. Analytica Chimica Acta, 2016, 936, 130-138.	2.6	54
39	Tissue Distribution and Transfer to Eggs of Ingested Î±-Hexabromocyclododecane (Î±-HBCDD) in Laying Hens (Gallus domesticus). Journal of Agricultural and Food Chemistry, 2016, 64, 2112-2119.	2.4	22
40	Measurement of phthalates diesters in food using gas chromatographyâ€“tandem mass spectrometry. Food Chemistry, 2016, 196, 211-219.	4.2	37
41	Short-term effects of a perinatal exposure to the HBCDD Î±-isomer in rats: Assessment of early motor and sensory development, spontaneous locomotor activity and anxiety in pups. Neurotoxicology and Teratology, 2015, 52, 170-180.	1.2	20
42	Perfluoroalkyl acid (PFAA) levels and profiles in breast milk, maternal and cord serum of French women and their newborns. Environment International, 2015, 84, 71-81.	4.8	167
43	Dietary exposure to perfluoroalkyl acids of specific French adult sub-populations: High seafood consumers, high freshwater fish consumers and pregnant women. Science of the Total Environment, 2014, 491-492, 170-175.	3.9	27
44	Perfluoroalkyl Acid Contamination and Polyunsaturated Fatty Acid Composition of French Freshwater and Marine Fishes. Journal of Agricultural and Food Chemistry, 2014, 62, 7593-7603.	2.4	25
45	Histopathologic Alterations Associated with Global Gene Expression Due to Chronic Dietary TCDD Exposure in Juvenile Zebrafish. PLoS ONE, 2014, 9, e100910.	1.1	12
46	Application of an aryl hydrocarbon receptor based screening assay for assessing U.S. EPA draft remediation goals for dioxin in soil and sediment samples. International Journal of Environmental Analytical Chemistry, 2013, 93, 35-47.	1.8	2
47	Effects of mono-(2-ethylhexyl) phthalate (MEHP) on chicken germ cells cultured in vitro. Environmental Science and Pollution Research, 2013, 20, 2771-2783.	2.7	11
48	Prediction of the PCDD/F and dl-PCB 2005-WHO-TEQ content based on the contribution of six congeners: Toward a new screening approach for fish samples?. Environmental Pollution, 2010, 158, 941-947.	3.7	14
49	Influence of the solvent quality on the AhR mediated ProceptÂ® assay measurement of dioxin and dioxin-like compounds. Talanta, 2010, 80, 2063-2067.	2.9	3
50	Predicting PCDD/F and dioxin-like PCB contamination levels in bovine edible tissues from in vivo sampling. Chemosphere, 2010, 80, 634-640.	4.2	14
51	Multi-functional sample preparation procedure for measuring phytoestrogens in milk, cereals, and baby-food by liquid-chromatography tandem mass spectrometry with subsequent determination of their estrogenic activity using transcriptomic assay. Analytica Chimica Acta, 2009, 637, 55-63.	2.6	20
52	Exposure assessment of French women and their newborn to brominated flame retardants: Determination of tri- to deca- polybromodiphenylethers (PBDE) in maternal adipose tissue, serum, breast milk and cord serum. Environmental Pollution, 2009, 157, 164-173.	3.7	149
53	Exposure assessment of fetus and newborn to brominated flame retardants in France: preliminary data. Molecular Nutrition and Food Research, 2008, 52, 258-265.	1.5	81
54	Exposure assessment of French women and their newborns to tetrabromobisphenol-A: Occurrence measurements in maternal adipose tissue, serum, breast milk and cord serum. Chemosphere, 2008, 73, 1036-1041.	4.2	201

#	Article	IF	Citations
55	Comparison of Analytical Strategies for the Chromatographic and Mass Spectrometric Measurement of Brominated Flame Retardants: 1. Polybrominated Diphenylethers. Journal of Chromatographic Science, 2006, 44, 489-497.	0.7	30
56	Probing new approaches using atmospheric pressure photo ionization for the analysis of brominated flame retardants and their related degradation products by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2005, 1082, 98-109.	1.8	80
57	New multiresidue analytical method dedicated to trace level measurement of brominated flame retardants in human biological matrices. Journal of Chromatography A, 2005, 1100, 144-152.	1.8	77
58	New data regarding phytoestrogens content in bovine milk. Food Chemistry, 2004, 87, 275-281.	4.2	86
59	Identification of phytoestrogens in bovine milk using liquid chromatography/electrospray tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2003, 17, 1256-1264.	0.7	62
60	Native vs. Damaged Milk Fat Globules: Membrane Properties Affect the Viscoelasticity of Milk Gels. Journal of Dairy Science, 2002, 85, 2451-2461.	1.4	150