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List of Publications by Year
in descending order

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59 papers	2,061 citations	201575 27 h-index	243529 44 g-index
59 all docs	59 docs citations	59 times ranked	2159 citing authors

#	Article	IF	Citations
1	Rapid yeast estrogen bioassays stably expressing human estrogen receptors Î± and Î², and green fluorescent protein: a comparison of different compounds with both receptor types. Journal of Steroid Biochemistry and Molecular Biology, 2004, 91, 99-109.	1.2	167
2	Current Insights into Monitoring, Bioaccumulation, and Potential Health Effects of Microplastics Present in the Food Chain. Foods, 2020, 9, 72.	1.9	124
3	A new highly specific and robust yeast androgen bioassay for the detection of agonists and antagonists. Analytical and Bioanalytical Chemistry, 2007, 389, 1549-1558.	1.9	91
4	Development of a rapid yeast estrogen bioassay, based on the expression of green fluorescent protein. Gene, 2004, 325, 187-200.	1.0	90
5	Contamination of free-range chicken eggs with dioxins and dioxin-like polychlorinated biphenyls. Molecular Nutrition and Food Research, 2006, 50, 908-914.	1.5	90
6	Systemic PFOS and PFOA exposure and disturbed lipid homeostasis in humans: what do we know and what not?. Critical Reviews in Toxicology, 2021, 51, 141-164.	1.9	78
7	Dietary exposure to dioxins and dioxin-like PCBs in The Netherlands anno 2004. Regulatory Toxicology and Pharmacology, 2008, 51, 278-287.	1.3	73
8	European developments following incidents with dioxins and PCBs in the food and feed chain. Food Control, 2015, 50, 670-683.	2.8	73
9	Marine biotoxins and associated outbreaks following seafood consumption: Prevention and surveillance in the 21st century. Global Food Security, 2017, 15, 11-21.	4.0	63
10	The German bakery waste incident; use of a combined approach of screening and confirmation for dioxins in feed and food. Talanta, 2004, 63, 1249-1253.	2.9	57
11	Perfluoroalkylated substances (PFASs) in home and commercially produced chicken eggs from the Netherlands and Greece. Chemosphere, 2016, 144, 2106-2112.	4.2	57
12	Perfluorooctanoic acid (PFOA), perfluorooctane sulfonic acid (PFOS), and perfluorononanoic acid (PFNA) increase triglyceride levels and decrease cholesterogenic gene expression in human HepaRG liver cells. Archives of Toxicology, 2020, 94, 3137-3155.	1.9	55
13	First Report on the Occurrence of Tetrodotoxins in Bivalve Mollusks in The Netherlands. Toxins, 2018, 10, 450.	1.5	54
14	Occurrence of perfluoroalkyl substances (PFASs) in a large number of wild and farmed aquatic animals collected in the Netherlands. Chemosphere, 2019, 232, 415-423.	4.2	50
15	Kaolinic clay derived PCDD/Fs in the feed chain from a sorting process for potatoes. Chemosphere, 2010, 78, 99-105.	4.2	49
16	Determination of genotoxic potencies of pyrrolizidine alkaloids in HepaRG cells using the Î³H2AX assay. Food and Chemical Toxicology, 2019, 131, 110532.	1.8	49
17	Validation and application of a robust yeast estrogen bioassay for the screening of estrogenic activity in animal feed. Food Additives and Contaminants, 2006, 23, 556-568.	2.0	42
18	The Need and Potential of Biosensors to Detect Dioxins and Dioxin-Like Polychlorinated Biphenyls along the Milk, Eggs and Meat Food Chain. Sensors, 2011, 11, 11692-11716.	2.1	42

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19	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) and biphenyls (PCBs) in home-produced eggs. Chemosphere, 2016, 150, 311-319.	4.2	42
20	Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans (PCDD/Fs) and dioxin-like PCBs in free range eggs from Vietnam, including potential health risks. Chemosphere, 2014, 114, 268-274.	4.2	36
21	Dioxins, PCBs and heavy metals in Chinese mitten crabs from Dutch rivers and lakes. Chemosphere, 2015, 123, 1-8.	4.2	34
22	Congener patterns of polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls as a useful aid to source identification during a contamination incident in the food chain. Science of the Total Environment, 2020, 746, 141098.	3.9	34
23	BPA, BADGE and analogues: A new multi-analyte LC-ESI-MS/MS method for their determination and their inÂvitro (anti)estrogenic and (anti)androgenic properties. Chemosphere, 2019, 221, 246-253.	4.2	32
24	Transfer of pyrrolizidine alkaloids from various herbs to eggs and meat in laying hens. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 1826-1839.	1.1	31
25	The use of the DR CALUXÂ® bioassay and indicator polychlorinated biphenyls for screening of elevated levels of dioxins and dioxin-like polychlorinated biphenyls in eel. Molecular Nutrition and Food Research, 2006, 50, 945-957.	1.5	30
26	Endocrine-Disrupting Effects of Thioxanthone Photoinitiators. Toxicological Sciences, 2013, 132, 64-74.	1.4	29
27	Carry-over of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) and polychlorinated biphenyls (PCBs) in dairy cows fed smoke contaminated maize silage or sugar beet pulp. Chemosphere, 2015, 137, 214-220.	4.2	29
28	AhR-agonistic, anti-androgenic, and anti-estrogenic potencies of 2-isopropylthioxanthone (ITX) as determined by in vitro bioassays and gene expression profiling. Toxicology in Vitro, 2010, 24, 1619-1628.	1.1	28
29	Dioxins (polychlorinated dibenzo-p-dioxins and polychlorinated dibenzo-furans) in traditional clay products used during pregnancy. Chemosphere, 2013, 90, 1678-1685.	4.2	28
30	Quantitative in vitro-to-in vivo extrapolation (QIVIVE) of estrogenic and anti-androgenic potencies of BPA and BADGE analogues. Archives of Toxicology, 2019, 93, 1941-1953.	1.9	28
31	The combined use of the CALUX Bioassay and the HRGC/HRMS method for the detection of novel dioxin sources and new dioxin-like compounds. Environmental Science and Pollution Research, 2002, 9, 304-306.	2.7	27
32	Active pharmaceutical ingredients detected in herbal food supplements for weight loss sampled on the Dutch market. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 1783-1793.	1.1	25
33	Perfluoroalkylated substances in edible livers of farm animals, including depuration behaviour in young sheep fed with contaminated grass. Chemosphere, 2016, 156, 280-285.	4.2	23
34	Tropane and ergot alkaloids in grain-based products for infants and young children in the Netherlands in 2011â€“2014. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 1-7.	1.3	22
35	Accumulation of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in livers of young sheep. Chemosphere, 2015, 122, 137-144.	4.2	21
36	Transfer of pyrrolizidine alkaloids from ragwort, common groundsel and viperâ€™s bugloss to milk from dairy cows. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 1906-1921.	1.1	20

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37	Bioassay directed identification of natural aryl hydrocarbon-receptor agonists in marmalade. Analytica Chimica Acta, 2008, 617, 238-245.	2.6	19
38	Fate of pyrrolizidine alkaloids during processing of milk of cows treated with ragwort. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 2212-2219.	1.1	19
39	Levels of dioxins and dioxin-like PCBs in food of animal origin in the Netherlands during the period 2001â€“2011. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 78-92.	1.1	17
40	Whole genome mRNA transcriptomics analysis reveals different modes of action of the diarrheic shellfish poisons okadaic acid and dinophysis toxin-1 versus azaspiracid-1 in Caco-2 cells. Toxicology in Vitro, 2018, 46, 102-112.	1.1	16
41	Screening for the presence of lipophilic marine biotoxins in shellfish samples using the neuro-2a bioassay. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 351-365.	1.1	16
42	Accumulation of persistent organic pollutants in consumers of eel from polluted rivers compared to marketable eel. Environmental Pollution, 2016, 219, 80-88.	3.7	15
43	Brominated flame retardants in animal derived foods in the Netherlands between 2009 and 2014. Chemosphere, 2019, 234, 171-178.	4.2	15
44	Concentrations of dioxins and dioxin-like PCBs in feed materials in the Netherlands, 2001â€“11. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1301-1311.	1.1	14
45	Dietary supplement for energy and reduced appetite containing the Î²-agonist isopropyloctopamine leads to heart problems and hospitalisations. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 749-759.	1.1	14
46	Determination of perfluoroalkylated substances (PFASs) in drinking water from the Netherlands and Greece. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1-10.	1.1	13
47	A Strategy to Replace the Mouse Bioassay for Detecting and Identifying Lipophilic Marine Biotoxins by Combining the Neuro-2a Bioassay and LC-MS/MS Analysis. Marine Drugs, 2018, 16, 501.	2.2	13
48	Food and feed safety: Cases and approaches to identify the responsible toxins and toxicants. Food Control, 2019, 98, 9-18.	2.8	12
49	High levels of dioxins and PCBs in meat, fat and livers of free ranging pigs, goats, sheep and cows from the island of CuraÃ§ao. Chemosphere, 2021, 263, 128057.	4.2	11
50	Are effects of common ragwort in the Ames test caused by pyrrolizidine alkaloids?. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 778, 1-10.	0.4	7
51	Concentrations of dimethylaniline and other metabolites in milk and tissues of dairy cows treated with lidocaine. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1256-1264.	1.1	7
52	Carryover of cadmium from feed in growing pigs. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 68-79.	1.1	7
53	PDE-5 inhibitors in selected herbal supplements from the Ghanaian market for better erectile function as tested by a bioassay. Toxicology in Vitro, 2021, 73, 105130.	1.1	6
54	New insights into the transfer and accumulation of dioxins and dioxin-like PCBs in the food web of farmed Chinese mitten crabs: A typical case from the Yangtze River area. Journal of Hazardous Materials, 2022, 436, 129178.	6.5	5

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55	Understanding possible causes of exceeding dioxin levels in palm oil by-products: An explorative study. Food Control, 2020, 108, 106777.	2.8	4
56	Incidents with dioxins and dioxin-like PCBs in the food chain. Food Safety Assurance and Veterinary Public Health, 2019, , 503-528.	0.4	4
57	Identification of phosphodiesterase type-5 (PDE-5) inhibitors in herbal supplements using a tiered approach and associated consumer risk. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2022, 39, 1021-1032.	1.1	4
58	In vitro metabolism of lidocaine in subcellular post-mitochondrial fractions and precision cut slices from cattle liver. Toxicology in Vitro, 2021, 76, 105228.	1.1	0
59	Effect of hydrogenation of palm oil products spiked with octachlorodibenzo-p-dioxin on dioxin congener profiles and toxic equivalent levels. Food Control, 2022, 132, 108546.	2.8	0