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List of Publications by Year
in descending order

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50	1,738	186265 28	276875 41
papers	citations	h-index	g-index

50	50	50	1632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relative differences in aryl hydrocarbon receptorâ€mediated response for 18 polybrominated and mixed halogenated dibenzoâ€Pâ€dioxins and â€furans in cell lines from four different species. Environmental Toxicology and Chemistry, 2007, 26, 2448-2454.	4.3	95
2	Activities and identification of aryl hydrocarbon receptor agonists in sediments from the Danube river. Analytical and Bioanalytical Chemistry, 2008, 390, 2009-2019.	3.7	89
3	Changes in toxicity and Ah receptor agonist activity of suspended particulate matter during flood events at the rivers Neckar and Rhine â€" a mass balance approach using in vitro methods and chemical analysis. Environmental Science and Pollution Research, 2008, 15, 536-553.	5.3	86
4	Biological and chemical determination of dioxin-like compounds in sediments by means of a sediment triad approach in the catchment area of the river Neckar. Ecotoxicology, 2002, 11, 323-336.	2.4	82
5	In vitro bioassays for detecting dioxin-like activity â€" Application potentials and limits of detection, a review. Science of the Total Environment, 2014, 487, 37-48.	8.0	82
6	Personal air sampling and analysis of polybrominated diphenyl ethers and other bromine containing compounds at an electronic recycling facility in Sweden. Journal of Environmental Monitoring, 2004, 6, 874.	2.1	68
7	Distribution of brominated flame retardants in different dust fractions in air from an electronics recycling facility. Science of the Total Environment, 2005, 350, 151-160.	8.0	62
8	Changes in toxicity and genotoxicity of industrial sewage sludge samples containing nitro- and amino-aromatic compounds following treatment in bioreactors with different oxygen regimes. Environmental Science and Pollution Research, 2004, 11, 313-320.	5.3	58
9	Toxic potencies of lipophilic extracts from sediments and settling particulate matter (SPM) collected in a PCBâ€contaminated river system. Environmental Toxicology and Chemistry, 1996, 15, 213-222.	4.3	57
10	Uptake of dioxin-like compounds from sewage sludge into various plant species â€" assessment of levels using a sensitive bioassay. Chemosphere, 2000, 40, 1189-1195.	8.2	51
11	Ethoxyresorufin O-deethylase (EROD) and aryl hydrocarbon hydroxylase (AHH)-inducing potency and lethality of chlorinated naphthalenes in chicken (Gallus domesticus) and eider duck (Somateria) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.2	47
12	AhR agonist and genotoxicant bioavailability in a PAH-contaminated soil undergoing biological treatment. Environmental Science and Pollution Research, 2009, 16, 521-530.	5.3	47
13	Fate of ah receptor agonists during biological treatment of an industrial sludge containing explosives and pharmaceutical residues. Environmental Science and Pollution Research, 2004, 11, 379-387.	5.3	46
14	Chemical and bioanalytical characterisation of PAHs in risk assessment of remediated PAH-contaminated soils. Environmental Science and Pollution Research, 2013, 20, 8511-8520.	5.3	45
15	Some heterocyclic aromatic compounds are Ah receptor agonists in the DR-CALUX assay and the EROD assay with RTL-W1 cells. Environmental Science and Pollution Research, 2011, 18, 1297-1304.	5.3	44
16	Methylated PACs are more potent than their parent compounds: A study of aryl hydrocarbon receptorâ€"mediated activity, degradability, and mixture interactions in the H4IIEâ€luc assay. Environmental Toxicology and Chemistry, 2018, 37, 1409-1419.	4.3	44
17	Reed beds receiving industrial sludge containing nitroaromatic compounds. Environmental Science and Pollution Research, 2007, 14, 202-211.	5.3	43
18	Toxic potencies of extracts of sediment and settling particulate matter collected in the recipient of a bleached pulp mill effluent before and after abandoning chlorine bleaching. Environmental Toxicology and Chemistry, 1997, 16, 1187-1194.	4.3	41

#	Article	IF	Citations
19	Chemical and toxicological characterisation of PBDFs from photolytic decomposition of decaBDE in toluene. Environment International, 2006, 32, 851-857.	10.0	41
20	Perfluorooctane Sulfonate Increases the Genotoxicity of Cyclophosphamide in the Micronucleus Assay with V79 Cells: Further Proof of Alterations in Cell Membrane Properties Caused by PFOS (3 pp). Environmental Science and Pollution Research, 2007, 14, 85-87.	5.3	39
21	Timeâ€dependent relative potency factors for polycyclic aromatic hydrocarbons and their derivatives in the H4IIEâ€luc bioassay. Environmental Toxicology and Chemistry, 2014, 33, 943-953.	4.3	39
22	Effects of perfluorooctane sulfonate on genes controlling hepatic fatty acid metabolism in livers of chicken embryos. Environmental Science and Pollution Research, 2018, 25, 23074-23081.	5.3	37
23	Exposure timeâ€“dependent effects on the relative potencies and additivity of PAHs in the Ah receptorâ€based H4IIEâ€luc bioassay. Environmental Toxicology and Chemistry, 2012, 31, 1149-1157.	4.3	36
24	Levels of dioxin-like compounds in sewage sludge determined with a bioassay based on erod induction in chicken embryo liver cultures. Chemosphere, 1999, 38, 2327-2343.	8.2	35
25	Ethoxyresorufin. Archives of Toxicology, 1994, 68, 37.	4.2	33
26	EROD induction in cultured chick embryo liver: A sensitive bioassay for dioxinâ€like environmental pollutants. Environmental Toxicology and Chemistry, 1995, 14, 837-842.	4.3	32
27	Occurrence and leachability of polycyclic aromatic compounds in contaminated soils: Chemical and bioanalytical characterization. Science of the Total Environment, 2018, 622-623, 1476-1484.	8.0	32
28	Developmental toxicity of PFOS and PFOA in great cormorant (Phalacrocorax carbo sinensis), herring gull (Larus argentatus) and chicken (Gallus gallus domesticus). Environmental Science and Pollution Research, 2016, 23, 10855-10862.	5.3	30
29	Effect of perfluorooctanesulfonic acid (PFOS) on the liver lipid metabolism of the developing chicken embryo. Ecotoxicology and Environmental Safety, 2019, 170, 691-698.	6.0	28
30	High levels of perfluoroalkyl acids in eggs and embryo livers of great cormorant (Phalacrocorax) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 and Pollution Research, 2013, 20, 8021-8030.	5.3	27
31	Does perfluorooctane sulfonate (PFOS) act as chemosensitizer in zebrafish embryos?. Science of the Total Environment, 2016, 548-549, 317-324.	8.0	26
32	Methylated polycyclic aromatic hydrocarbons and/or their metabolites are important contributors to the overall estrogenic activity of polycyclic aromatic hydrocarbonâ€contaminated soils. Environmental Toxicology and Chemistry, 2018, 37, 385-397.	4.3	24
33	AhR-mediated activities of polycyclic aromatic compound (PAC) mixtures are predictable by the concept of concentration addition. Environment International, 2014, 73, 94-103.	10.0	22
34	Ah Receptor Agonists in UV-exposed Toluene Solutions of Decabromodiphenyl Ether (decaBDE) and in Soils Contaminated with Polybrominated Diphenyl Ethers (PBDEs) (9 pp). Environmental Science and Pollution Research, 2006, 13, 161-169.	5.3	20
35	A bioassay approach to determine the dioxin-like activity in sediment extracts from the Danube River: Ethoxyresorufin-O-deethylase induction in gill filaments and liver of three-spined sticklebacks (Gasterosteus aculeatus L.). Environment International, 2008, 34, 1176-1184.	10.0	20
36	Perfluorooctane sulfonate increases Î²-oxidation of palmitic acid in chicken liver. Environmental Science and Pollution Research, 2012, 19, 1859-1863.	5.3	15

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37	Dioxin-like compounds in HPLC-fractionated extracts of marine samples from the east and west coast of Sweden: Bioassay- and instrumentally-derived TCDD equivalents. Marine Pollution Bulletin, 1997, 34, 1032-1040.	5.0	13
38	Predicting Chemical-Induced Liver Toxicity Using High-Content Imaging Phenotypes and Chemical Descriptors: A Random Forest Approach. Chemical Research in Toxicology, 2020, 33, 2261-2275.	3.3	13
39	Aryl hydrocarbon receptor-mediated potencies in field-deployed plastics vary by type of polymer. Environmental Science and Pollution Research, 2019, 26, 9079-9088.	5.3	12
40	Fractionation and Determination of Ah Receptor (AhR) Agonists in Organic Waste After Anaerobic Biodegradation and in Batch Experiments with PCB and decaBDE (8 pp). Environmental Science and Pollution Research, 2007, 14, 36-43.	5.3	11
41	Polycyclic aromatic hydrocarbons (PAHs) reduce hepatic Î²-oxidation of fatty acids in chick embryos. Environmental Science and Pollution Research, 2013, 20, 1881-1888.	5.3	11
42	Particle Safety Assessment in Additive Manufacturing: From Exposure Risks to Advanced Toxicology Testing. Frontiers in Toxicology, 2022, 4, 836447.	3.1	9
43	The dioRAMA project: assessment of dioxin-like activity in sediments and fish (Rutilus rutilus) in support of the ecotoxicological characterization of sediments. Journal of Soils and Sediments, 2013, 13, 770-774.	3.0	7
44	An oxygenated metabolite of benzo[a]pyrene increases hepatic Î²-oxidation of fatty acids in chick embryos. Environmental Science and Pollution Research, 2014, 21, 6243-6251.	5.3	7
45	Effect-Directed Analysis of Ah Receptor-Mediated Potencies in Microplastics Deployed in a Remote Tropical Marine Environment. Frontiers in Environmental Science, 2019, 7, .	3.3	7
46	TOXIC POTENCIES OF LIPOPHILIC EXTRACTS FROM SEDIMENTS AND SETTLING PARTICULATE MATTER (SPM) COLLECTED IN A PCB-CONTAMINATED RIVER SYSTEM. Environmental Toxicology and Chemistry, 1996, 15, 213.	4.3	7
47	Observed and predicted embryotoxic and teratogenic effects of organic and inorganic environmental pollutants and their mixtures in zebrafish (Danio rerio). Aquatic Toxicology, 2022, 248, 106175.	4.0	7
48	Examination of aryl hydrocarbon receptor (AhR), estrogenic and anti-androgenic activities, and levels of polyaromatic compounds (PACs) in tire granulates using in vitro bioassays and chemical analysis. Chemosphere, 2022, 298, 134362.	8.2	6
49	IDENTIFICATION OF POTENTIALLY TOXIC COMPOUNDS IN COMPLEX EXTRACTS OF ENVIRONMENTAL SAMPLES USING GAS CHROMATOGRAPHYâ€“MASS SPECTROMETRY AND MULTIVARIATE DATA ANALYSIS. Environmental Toxicology and Chemistry, 2007, 26, 208.	4.3	4
50	Relative Differences in Aryl Hydrocarbon Receptor Mediated Response for Eighteen Polybrominated and Mixed Halogenated Dibenzo-p-dioxins and -Furans in Cell Lines from Four Different Species. Environmental Toxicology and Chemistry, 2007, preprint, 1.	4.3	1