Reza Farmahin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5695640/publications.pdf

Version: 2024-02-01

21 papers	653 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	797 citing authors

#	Article	IF	Citations
1	Hexabromocyclododecane (HBCD): A case study applying tiered testing for human health risk assessment. Food and Chemical Toxicology, 2019, 131, 110581.	3.6	24
2	Hepatic transcriptional dose-response analysis of male and female Fischer rats exposed to hexabromocyclododecane. Food and Chemical Toxicology, 2019, 133, 110262.	3.6	25
3	Photolysis of highly brominated flame retardants leads to time-dependent dioxin-responsive mRNA expression in chicken embryonic hepatocytes. Chemosphere, 2018, 194, 352-359.	8.2	13
4	Recommended approaches in the application of toxicogenomics to derive points of departure for chemical risk assessment. Archives of Toxicology, 2017, 91, 2045-2065.	4.2	132
5	In vitro dioxin-like potencies of HO- and MeO-PBDEs and inter-species sensitivity variation in birds. Ecotoxicology and Environmental Safety, 2016, 126, 202-210.	6.0	14
6	Time-dependent transcriptomic and biochemical responses of 6-formylindolo[3,2-b]carbazole (FICZ) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) are explained by AHR activation time. Biochemical Pharmacology, 2016, 115, 134-143.	4.4	31
7	Sunlight Irradiation of Highly Brominated Polyphenyl Ethers Generates Polybenzofuran Products That Alter Dioxin-responsive mRNA Expression in Chicken Hepatocytes. Environmental Science & Technology, 2016, 50, 2318-2327.	10.0	19
8	Potency of Polycyclic Aromatic Hydrocarbons (PAHs) for Induction of Ethoxyresorufin-O-deethylase (EROD) Activity in Hepatocyte Cultures from Chicken, Pekin Duck, And Greater Scaup. Environmental Science & Technology, 2015, 49, 3787-3794.	10.0	23
9	Differences in Activation of Aryl Hydrocarbon Receptors of White Sturgeon Relative to Lake Sturgeon Are Predicted by Identities of Key Amino Acids in the Ligand Binding Domain. Environmental Science & Technology, 2015, 49, 4681-4689.	10.0	32
10	Comparing the effects of tetrabromobisphenolâ€A, bisphenol A, and their potential replacement alternatives, TBBPAâ€bis(2,3â€dibromopropyl ether) and bisphenol S, on cell viability and messenger ribonucleic acid expression in chicken embryonic hepatocytes. Environmental Toxicology and Chemistry, 2015, 34, 391-401.	4.3	35
11	Photolytic Degradation Products of Two Highly Brominated Flame Retardants Cause Cytotoxicity and mRNA Expression Alterations in Chicken Embryonic Hepatocytes. Environmental Science & Technology, 2014, 48, 12039-12046.	10.0	38
12	Sensitivity of avian species to the aryl hydrocarbon receptor ligand 6-formylindolo [3,2-b] carbazole (FICZ). Chemico-Biological Interactions, 2014, 221, 61-69.	4.0	20
13	Ethoxyresorufin-O-deethylase (EROD) induction by TCDD, PeCDF and PCB 126 in bobwhite quail hepatocytes. Ecotoxicology, 2014, 23, 802-808.	2.4	7
14	Functionality of Aryl Hydrocarbon Receptors (AhR1 and AhR2) of White Sturgeon (Acipenser) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Environmental Science & Technology, 2014, 48, 8219-8226.	10.0	22
15	Species-specific relative AHR1 binding affinities of 2,3,4,7,8-pentachlorodibenzofuran explain avian species differences in its relative potency. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 161, 21-25.	2.6	7
16	Cytochrome P4501A induction in primary cultures of embryonic European starling hepatocytes exposed to TCDD, PeCDF and TCDF. Ecotoxicology, 2013, 22, 731-739.	2.4	14
17	Relative Potencies of Aroclor Mixtures Derived from Avian in Vitro Bioassays: Comparisons with Calculated Toxic Equivalents. Environmental Science & Technology, 2013, 47, 130717130452005.	10.0	6
18	Amino Acid Sequence of the Ligand-Binding Domain of the Aryl Hydrocarbon Receptor 1 Predicts Sensitivity of Wild Birds to Effects of Dioxin-Like Compounds. Toxicological Sciences, 2013, 131, 139-152.	3.1	101

#	Article	IF	Citations
19	Sequence and In Vitro Function of Chicken, Ring-Necked Pheasant, and Japanese Quail AHR1 Predict In Vivo Sensitivity to Dioxins. Environmental Science & Technology, 2012, 46, 2967-2975.	10.0	54
20	A luciferase reporter gene assay and aryl hydrocarbon receptor 1 genotype predict the LD50 of polychlorinated biphenyls in avian species. Toxicology and Applied Pharmacology, 2012, 263, 390-401.	2.8	32
21	Characterization of the avian aryl hydrocarbon receptor 1 from blood using non-lethal sampling methods. Ecotoxicology, 2010, 19, 1560-1566.	2.4	4