

Reza Farmahin

List of Publications by Year in descending order

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papers

653
citations

623734

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21
all docs

21
docs citations

21
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Comparing the effects of tetrabromobisphenol A, bisphenol A, and their potential replacement alternatives, TBBPA bis(2,3-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
6	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
7	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
8	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
9	Hepatic transcriptional dose-response analysis of male and female Fischer rats exposed to hexabromocyclododecane. Food and Chemical Toxicology, 2019, 133, 110262.	3.6	25
10	Hexabromocyclododecane (HBCD): A case study applying tiered testing for human health risk assessment. Food and Chemical Toxicology, 2019, 131, 110581.	3.6	24
11	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
12	Functionality of Aryl Hydrocarbon Receptors (AhR1 and AhR2) of White Sturgeon (Acipenser tigris) in Response to Polychlorinated Biphenyls. Environmental Science & Technology, 2014, 48, 8219-8226.	10.0	22
13	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
14	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
15	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
16	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
17	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
18	Ethoxyresorufin-O-deethylase (EROD) induction by TCDD, PeCDF and PCB 126 in bobwhite quail hepatocytes. Ecotoxicology, 2014, 23, 802-808.	2.4	7

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19	Species-specific relative AHR1 binding affinities of 2,3,4,7,8-pentachlorodibenzofuran explain avian species differences in its relative potency. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 161, 21-25.	2.6	7
20	Relative Potencies of Aroclor Mixtures Derived from Avian in Vitro Bioassays: Comparisons with Calculated Toxic Equivalents. <i>Environmental Science & Technology</i> , 2013, 47, 130717130452005.	10.0	6
21	Characterization of the avian aryl hydrocarbon receptor 1 from blood using non-lethal sampling methods. <i>Ecotoxicology</i> , 2010, 19, 1560-1566.	2.4	4