Heidi Qunhui Xie

List of Publications by Year
in descending order

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33	451	687363	752698
papers	citations	13 h-index	20 g-index

35	35	35	561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The aryl hydrocarbon receptor: A predominant mediator for the toxicity of emerging dioxin-like compounds. Journal of Hazardous Materials, 2022, 426, 128084.	12.4	25
2	Multi-walled carbon nanotubes inhibit potential detoxification of dioxin-mediated toxicity by blocking the nuclear translocation of aryl hydrocarbon receptor. Journal of Hazardous Materials, 2022, 430, 128458.	12.4	3
3	Emodin inhibits U87 glioblastoma cells migration by activating aryl hydrocarbon receptor (AhR) signaling pathway. Ecotoxicology and Environmental Safety, 2022, 234, 113357.	6.0	2
4	HIF-1alpha/VEGF pathway mediates 1,3,6,8-tetrabromo-9ÂH-carbazole-induced angiogenesis: a potential vascular toxicity of an emerging contaminant. Journal of Hazardous Materials, 2022, 432, 128718.	12.4	4
5	Effects of perinatal TCDD exposure on colonic microbiota and metabolism in offspring and mother mice. Science of the Total Environment, 2022, 832, 154762.	8.0	4
6	Gut microbiota of Anabas testudineus (Bloch, 1792) in the e-waste dismantling region: In situ status and relationship with internal metal burden. Aquatic Toxicology, 2022, 248, 106171.	4.0	1
7	Effect-directed analysis of estrogenic chemicals in sediments from an electronic-waste recycling area. Environmental Pollution, 2022, 306, 119369.	7.5	2
8	New perspective on the regulation of acetylcholinesterase via the aryl hydrocarbon receptor. Journal of Neurochemistry, 2021, 158, 1254-1262.	3.9	6
9	Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice: Neurobehavioral effects on female offspring. Science of the Total Environment, 2021, 752, 141784.	8.0	6
10	Rutaecarpine Inhibits U87 Glioblastoma Cell Migration by Activating the Aryl Hydrocarbon Receptor Signaling Pathway. Frontiers in Molecular Neuroscience, 2021, 14, 765712.	2.9	7
11	Deciphering the particle specific effects on metabolism in rat liver and plasma from ZnO nanoparticles versus ionic Zn exposure. Environment International, 2020, 136, 105437.	10.0	25
12	Regulation of Aryl Hydrocarbon Receptor Signaling Pathway and Dioxin Toxicity by Novel Agonists and Antagonists. Chemical Research in Toxicology, 2020, 33, 614-624.	3.3	6
13	2,3,7,8-Tetrachlorodibenzo-p-dioxin and up-regulation of neurofilament expression in neuronal cells: Evaluation of AhR and MAPK pathways. Environment International, 2020, 134, 105193.	10.0	15
14	Elucidating the mechanism of the surface functionalization dependent neurotoxicity of graphene family nanomaterials. Nanoscale, 2020, 12, 18600-18605.	5.6	22
15	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on spontaneous movement of human neuroblastoma cells. Science of the Total Environment, 2020, 715, 136805.	8.0	8
16	First In Vivo Evidence for Compromised Brain Energy Metabolism upon Intranasal Exposure to ZnO Nanoparticles. Environmental Science and Technology Letters, 2020, 7, 315-322.	8.7	8
17	2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes migration ability of primary cultured rat astrocytes via aryl hydrocarbon receptor. Journal of Environmental Sciences, 2019, 76, 368-376.	6.1	13
18	The toxic effects of in situ exposure of a native fish species (Anabas testudineus) to electronic waste pollution. Science of the Total Environment, 2019, 690, 1170-1177.	8.0	18

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19	Aryl hydrocarbon receptor activity of polyhalogenated carbazoles and the molecular mechanism. Science of the Total Environment, 2019, 687, 516-526.	8.0	28
20	Characterization of the Aryl Hydrocarbon Receptor (AhR) Pathway in Anabas testudineus and Mechanistic Exploration of the Reduced Sensitivity of AhR2a. Environmental Science & Technology, 2019, 53, 12803-12811.	10.0	4
21	Effects of astrocyte conditioned medium on neuronal AChE expression upon 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure. Chemico-Biological Interactions, 2019, 309, 108686.	4.0	4
22	Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on acetylcholinesterase during myogenic differentiation of contractile rat primary skeletal muscle cells. Chemico-Biological Interactions, 2019, 308, 164-169.	4.0	2
23	Transcriptomic analysis of Anabas testudineus and its defensive mechanisms in response to persistent organic pollutants exposure. Science of the Total Environment, 2019, 669, 621-630.	8.0	11
24	Type 3 innate lymphoid cells are altered in colons of C57BL/6 mice with dioxin exposure. Science of the Total Environment, 2019, 662, 639-645.	8.0	15
25	Development and Application of a Novel Bioassay System for Dioxin Determination and Aryl Hydrocarbon Receptor Activation Evaluation in Ambient-Air Samples. Environmental Science & Technology, 2018, 52, 2926-2933.	10.0	21
26	SLC6A19 is a novel putative gene, induced by dioxins via AhR in human hepatoma HepG2 cells. Environmental Pollution, 2018, 237, 508-514.	7.5	9
27	Dioxins as potential risk factors for autism spectrum disorder. Environment International, 2018, 121, 906-915.	10.0	23
28	Acetylcholinesterase Is a Potential Biomarker for a Broad Spectrum of Organic Environmental Pollutants. Environmental Science & Technology, 2018, 52, 8065-8074.	10.0	37
29	Patterns and dietary intake of polychlorinated dibenzo- p -dioxins and polychlorinated dibenzofurans in food products in China. Journal of Environmental Sciences, 2017, 51, 165-172.	6.1	21
30	Development and characterization of monoclonal antibodies against human aryl hydrocarbon receptor. Journal of Environmental Sciences, 2016, 39, 165-174.	6.1	0
31	Functional Analysis of the Dioxin Response Elements (DREs) of the Murine CYP1A1 Gene Promoter: Beyond the Core DRE Sequence. International Journal of Molecular Sciences, 2014, 15, 6475-6487.	4.1	31
32	Dioxin and Dioxin-Like Compounds Suppress Acetylcholinesterase Activity via Transcriptional Downregulations In Vitro. Journal of Molecular Neuroscience, 2014, 53, 417-423.	2.3	17
33	AhR-Mediated Effects of Dioxin on Neuronal Acetylcholinesterase Expression in Vitro. Environmental Health Perspectives, 2013, 121, 613-618.	6.0	51