

# Pei-Hsin Chou

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

537  
citations

687363

13  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformation of Bisphenol A and Alkylphenols by Ammonia-Oxidizing Bacteria through Nitration. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4442-4448.	10.0	70
2	Detection of Lipid Peroxidation-Induced DNA Adducts Caused by 4-Oxo-2( <i>E</i> )-nonenal and 4-Oxo-2( <i>E</i> )-hexenal in Human Autopsy Tissues. <i>Chemical Research in Toxicology</i> , 2010, 23, 1442-1448.	3.3	67
3	Application of a multiwalled carbon nanotube-chitosan composite as an electrode in the electrosorption process for water purification. <i>Chemosphere</i> , 2016, 146, 113-120.	8.2	64
4	Characteristics of Carbapenemase-Producing Enterobacteriaceae in Wastewater Revealed by Genomic Analysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	58
5	Isolation and Identification of Xenobiotic Aryl Hydrocarbon Receptor Ligands in Dyeing Wastewater. <i>Environmental Science &amp; Technology</i> , 2007, 41, 652-657.	10.0	48
6	Two azole fungicides (carcinogenic triadimefon and non-carcinogenic myclobutanil) exhibit different hepatic cytochrome P450 activities in medaka fish. <i>Journal of Hazardous Materials</i> , 2014, 277, 150-158.	12.4	42
7	Oxidative DNA Damage in <i>XPC</i> -Knockout and Its Wild Mice Treated with Equine Estrogen. <i>Chemical Research in Toxicology</i> , 2008, 21, 1120-1124.	3.3	25
8	Detection of endocrine active substances in the aquatic environment in southern Taiwan using bioassays and LC-MS/MS. <i>Chemosphere</i> , 2016, 152, 214-220.	8.2	22
9	7-ketocholesterol and 27-hydroxycholesterol decreased doxorubicin sensitivity in breast cancer cells: estrogenic activity and mTOR pathway. <i>Oncotarget</i> , 2017, 8, 66033-66050.	1.8	17
10	Exploring potential contributors to endocrine disrupting activities in Taiwan's surface waters using yeast assays and chemical analysis. <i>Chemosphere</i> , 2015, 138, 814-820.	8.2	16
11	Algal extracellular organic matter mediated photocatalytic degradation of estrogens. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111818.	6.0	16
12	Monitoring of xenobiotic ligands for human estrogen receptor and aryl hydrocarbon receptor in industrial wastewater effluents. <i>Journal of Hazardous Materials</i> , 2014, 277, 13-19.	12.4	14
13	Rapid debromination of tetrabromobisphenol A by Cu/Fe bimetallic nanoparticles in water, its mechanisms, and genotoxicity after treatments. <i>Journal of Hazardous Materials</i> , 2022, 432, 128630.	12.4	14
14	DNA Modifications by the $\gamma$ -3 Lipid Peroxidation-Derived Mutagen 4-Oxo-2-hexenal in Vitro and Their Analysis in Mouse and Human DNA. <i>Chemical Research in Toxicology</i> , 2010, 23, 630-636.	3.3	13
15	Occurrence of xenobiotic ligands for retinoid X receptors and thyroid hormone receptors in the aquatic environment of Taiwan. <i>Marine Pollution Bulletin</i> , 2014, 85, 613-618.	5.0	12
16	Biodegradation of the endocrine disrupter 4-t-octylphenol by the non-ligninolytic fungus <i>Fusarium falciforme</i> RRR20: Process optimization, estrogenicity assessment, metabolite identification and proposed pathways. <i>Chemosphere</i> , 2020, 240, 124876.	8.2	10
17	In vitro and in vivo screening for environmentally friendly benzophenone-type UV filters with beneficial tyrosinase inhibition activity. <i>Water Research</i> , 2020, 185, 116208.	11.3	10
18	The degradation mechanisms of <i>Rhodospseudomonas palustris</i> toward hexabromocyclododecane by time-course transcriptome analysis. <i>Chemical Engineering Journal</i> , 2021, 425, 130489.	12.7	9

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19	Occurrence of aryl hydrocarbon receptor agonists and genotoxic compounds in the river systems in Southern Taiwan. <i>Chemosphere</i> , 2014, 107, 257-264.	8.2	5
20	Revisiting of persistent organic pollution occurrence and distribution in the surface sediment along western Taiwan coast. <i>Marine Pollution Bulletin</i> , 2021, 173, 113118.	5.0	3
21	Assessing the endocrine disrupting potentials and genotoxicity in environmental samples from Taiwanese rivers. <i>Genes and Environment</i> , 2019, 41, 24.	2.1	1
22	Occurrence of class 1 integrons carrying two copies of the blaGES-5 gene in carbapenem-non-susceptible <i>Citrobacter freundii</i> and <i>Raoultella ornithinolytica</i> isolated from wastewater. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 26, 230-232.	2.2	1