Xueshu Li

List of Publications by Year
in descending order

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53	1,172	394421	414414
papers	citations	19 h-index	32 g-index

57	57	57	1308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Systematic review of human biomonitoring studies of ethylenethiourea, a urinary biomarker for exposure to dithiocarbamate fungicides. Environmental Pollution, 2022, 292, 118419.	7.5	11
2	Hydroxylated Polychlorinated Biphenyls Are Emerging Legacy Pollutants in Contaminated Sediments. Environmental Science & Technology, 2022, 56, 2269-2278.	10.0	14
3	The disposition of polychlorinated biphenyls (PCBs) differs between germ-free and conventional mice. Environmental Toxicology and Pharmacology, 2022, 92, 103854.	4.0	3
4	Assessment of Polychlorinated Biphenyls and Their Hydroxylated Metabolites in Postmortem Human Brain Samples: Age and Brain Region Differences. Environmental Science & Technology, 2022, 56, 9515-9526.	10.0	16
5	Nontarget analysis reveals gut microbiome-dependent differences in the fecal PCB metabolite profiles of germ-free and conventional mice. Environmental Pollution, 2021, 268, 115726.	7.5	15
6	Synthesis of mono- and dimethoxylated polychlorinated biphenyl derivatives starting from fluoroarene derivatives. Environmental Science and Pollution Research, 2020, 27, 8905-8925.	5.3	2
7	Cardiovascular Effects of Polychlorinated Biphenyls and Their Major Metabolites. Environmental Health Perspectives, 2020, 128, 77008.	6.0	24
8	Fatty liver and impaired hepatic metabolism alter the congener-specific distribution of polychlorinated biphenyls (PCBs) in mice with a liver-specific deletion of cytochrome P450 reductase. Environmental Pollution, 2020, 266, 115233.	7.5	12
9	Gut Microbiome Critically Impacts PCB-induced Changes in Metabolic Fingerprints and the Hepatic Transcriptome in Mice. Toxicological Sciences, 2020, 177, 168-187.	3.1	19
10	Atropselective Oxidation of 2,2â€²,3,3â€²,4,6â€²-Hexachlorobiphenyl (PCB 132) to Hydroxylated Metabolites by Human Liver Microsomes and Its Implications for PCB 132 Neurotoxicity. Toxicological Sciences, 2019, 171, 406-420.	3.1	15
11	Comparative Analyses of the 12 Most Abundant PCB Congeners Detected in Human Maternal Serum for Activity at the Thyroid Hormone Receptor and Ryanodine Receptor. Environmental Science & Technology, 2019, 53, 3948-3958.	10.0	60
12	Toxicokinetics of Chiral PCB 136 and Its Hydroxylated Metabolites in Mice with a Liver-Specific Deletion of Cytochrome P450 Reductase. Chemical Research in Toxicology, 2019, 32, 727-736.	3.3	12
13	Human CYP2A6, CYP2B6, AND CYP2E1 Atropselectively Metabolize Polychlorinated Biphenyls to Hydroxylated Metabolites. Environmental Science & Technology, 2019, 53, 2114-2123.	10.0	32
14	PCB126 Inhibits the Activation of AMPK-CREB Signal Transduction Required for Energy Sensing in Liver. Toxicological Sciences, 2018, 163, 440-453.	3.1	20
15	Human Liver Microsomes Atropselectively Metabolize 2,2â€²,3,4â€²,6-Pentachlorobiphenyl (PCB 91) to a 1,2-Shift Product as the Major Metabolite. Environmental Science & Technology, 2018, 52, 6000-6008.	10.0	22
16	Authentication of synthetic environmental contaminants and their (bio)transformation products in toxicology: polychlorinated biphenyls as an example. Environmental Science and Pollution Research, 2018, 25, 16508-16521.	5.3	22
17	InÂvitro profiling of toxic effects of prominent environmental lower-chlorinated PCB congeners linked with endocrine disruption and tumor promotion. Environmental Pollution, 2018, 237, 473-486.	7.5	59
18	Absolute configuration of 2,2â€²,3,3â€²,6-pentachlorinatedbiphenyl (PCB 84) atropisomers. Environmental Science and Pollution Research, 2018, 25, 16402-16410.	5.3	7

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19	Hundreds of Unrecognized Halogenated Contaminants Discovered in Polar Bear Serum. Angewandte Chemie, 2018, 130, 16639-16644.	2.0	1
20	PCB11 Metabolite, 3,3â€™-Dichlorobiphenyl-4-ol, Exposure Alters the Expression of Genes Governing Fatty Acid Metabolism in the Absence of Functional Sirtuin 3: Examining the Contribution of MnSOD. Antioxidants, 2018, 7, 121.	5.1	9
21	Hundreds of Unrecognized Halogenated Contaminants Discovered in Polar Bear Serum. Angewandte Chemie - International Edition, 2018, 57, 16401-16406.	13.8	107
22	Gut Microbiota Modulates Interactions Between Polychlorinated Biphenyls and Bile Acid Homeostasis. Toxicological Sciences, 2018, 166, 269-287.	3.1	34
23	Microsomal Metabolism of Prochiral Polychlorinated Biphenyls Results in the Enantioselective Formation of Chiral Metabolites. Environmental Science & Technology, 2017, 51, 1820-1829.	10.0	23
24	Biotransformation of 2,4-dinitroanisole by a fungal Penicillium sp.. Biodegradation, 2017, 28, 95-109.	3.0	11
25	Metabolism and Photolysis of 2,4-Dinitroanisole in Arabidopsis. Environmental Science & Technology, 2017, 51, 13714-13722.	10.0	18
26	Detection of 3,3â€²-Dichlorobiphenyl in Human Maternal Plasma and Its Effects on Axonal and Dendritic Growth in Primary Rat Neurons. Toxicological Sciences, 2017, 158, 401-411.	3.1	52
27	An Extended Structureâ€“Activity Relationship of Nondioxin-Like PCBs Evaluates and Supports Modeling Predictions and Identifies Picomolar Potency of PCB 202 Towards Ryanodine Receptors. Toxicological Sciences, 2017, 155, 170-181.	3.1	42
28	Sulfation of Lower Chlorinated Polychlorinated Biphenyls Increases Their Affinity for the Major Drug-Binding Sites of Human Serum Albumin. Environmental Science & Technology, 2016, 50, 5320-5327.	10.0	40
29	2,2â€²,3,5â€²,6-Pentachlorobiphenyl (PCB 95) Is Atropselectively Metabolized to para-Hydroxylated Metabolites by Human Liver Microsomes. Chemical Research in Toxicology, 2016, 29, 2108-2110.	3.3	25
30	Design and Synthesis of Crossâ€Linked Micellar Particles to Assist Microalgae Lipid Recovery from Aqueous Extract. JAOCS, Journal of the American Oil Chemists' Society, 2016, 93, 51-60.	1.9	2
31	Stable Isotope-Enabled Pathway Elucidation of 2,4-Dinitroanisole Metabolized by Rhizobium lichtii. Environmental Science and Technology Letters, 2015, 2, 362-366.	8.7	14
32	2,4-Dichloro-1-iodo-6-nitrobenzene. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o607-o607.	0.2	4
33	Effective synthesis of sulfate metabolites of chlorinated phenols. Chemosphere, 2013, 93, 1965-1971.	8.2	5
34	Oligocholate foldamer with â€˜prefoldedâ€™ macrocycles for enhanced folding in solution and surfactant micelles. Tetrahedron, 2013, 69, 6051-6059.	1.9	5
35	Hydrogen bond-assisted macrocyclic oligocholate transporters in lipid membranes. Organic and Biomolecular Chemistry, 2012, 10, 5077.	2.8	5
36	Protection/Deprotection of Surface Activity and Its Applications in the Controlled Release of Liposomal Contents. Langmuir, 2012, 28, 4152-4159.	3.5	32

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37	Tunable Fusion and Aggregation of Liposomes Triggered by Multifunctional Surface-Cross-Linked Micelles. Bioconjugate Chemistry, 2012, 23, 1721-1725.	3.6	17
38	Enhancing Binding Affinity by the Cooperativity between Host Conformation and Hostâ€“Guest Interactions. Journal of the American Chemical Society, 2011, 133, 8862-8865.	13.7	58
39	Biphenyl-4-yl 2,2,2-trichloroethyl sulfate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1073-o1073.	0.2	4
40	3â€²,4â€²-Dichlorobiphenyl-4-yl 2,2,2-trichloroethyl sulfate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1615-o1616.	0.2	3
41	4â€²-Chlorobiphenyl-3-yl 2,2,2-trichloroethyl sulfate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2306-o2306.	0.2	2
42	An efficient approach to sulfate metabolites of polychlorinated biphenyls. Environment International, 2010, 36, 843-848.	10.0	38
43	Electron ionization mass spectral fragmentation study of sulfation derivatives of polychlorinated biphenyls. Chemistry Central Journal, 2009, 3, 5.	2.6	12
44	Hydrophobic tail length, degree of fluorination and headgroup stereochemistry are determinants of the biocompatibility of (fluorinated) carbohydrate surfactants. Colloids and Surfaces B: Biointerfaces, 2009, 73, 65-74.	5.0	44
45	Simultaneous extraction and clean-up of polychlorinated biphenyls and their metabolites from small tissue samples using pressurized liquid extraction. Journal of Chromatography A, 2008, 1214, 37-46.	3.7	44
46	Synthesis and biocompatibility evaluation of fluorinated, single-tailed glucopyranoside surfactants. New Journal of Chemistry, 2008, 32, 2169.	2.8	31
47	4â€²-Chlorobiphenyl-4-yl 2,2,2-trichloroethyl sulfate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2464-o2464.	0.2	6
48	Alkylation reactions of phosphachroman-2,4-diones and 4-hydroxy phosphacoumarins. Bioorganic Chemistry, 2006, 34, 105-113.	4.1	12
49	Synthesis of 4-Substituted Phosphacoumarins via Cross-Coupling of 4-Tosylphosphacoumarins with Organozinc Reagents. Synlett, 2006, 2006, 0630-0632.	1.8	0
50	Electrospray ionization mass spectra of phosphacoumarin derivatives. International Journal of Mass Spectrometry, 2005, 245, 41-47.	1.5	3
51	Synthesis of a Diverse Series of Phosphacoumarins with Biological Activity. Organic Letters, 2005, 7, 4919-4922.	4.6	80
52	New and Efficient Approach to Aryl Phosphoramidate Derivatives of AZT/d4T as Anti-HIV Prodrugs. Synlett, 2004, 2004, 2600-2602.	1.8	2
53	SYNTHESIS OF O,O-DIPHENYL [SUBSTITUTED (2-SELENOMORPHOLIN-4-YL-ACETYL AMINO)] ALKYL PHOSPHONATES. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1065-1073.	1.6	22