

# Hans-Joachim Lehmler

## List of Publications by Citations

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276  
papers

7,059  
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44  
h-index

65  
g-index

298  
ext. papers

7,933  
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
276	Synthesis of environmentally relevant fluorinated surfactants--a review. <i>Chemosphere</i> , <b>2005</b> , 58, 1471-96	6.4	253
275	Metabolism and metabolites of polychlorinated biphenyls. <i>Critical Reviews in Toxicology</i> , <b>2015</b> , 45, 245-73	3.7	237
274	Exposure to Bisphenol A, Bisphenol F, and Bisphenol S in U.S. Adults and Children: The National Health and Nutrition Examination Survey 2013-2014. <i>ACS Omega</i> , <b>2018</b> , 3, 6523-6532	3.9	206
273	Polychlorinated biphenyls (PCBs) exert thyroid hormone-like effects in the fetal rat brain but do not bind to thyroid hormone receptors. <i>Environmental Health Perspectives</i> , <b>2004</b> , 112, 516-23	8.4	129
272	Production of DNA strand breaks in vitro and reactive oxygen species in vitro and in HL-60 cells by PCB metabolites. <i>Toxicological Sciences</i> , <b>2001</b> , 60, 92-102	4.4	110
271	Fluorinated-Surfactant-Templated Synthesis of Hollow Silica Particles with a Single Layer of Mesopores in Their Shells. <i>Advanced Materials</i> , <b>2005</b> , 17, 2368-2371	24	108
270	Chiral polychlorinated biphenyl transport, metabolism, and distribution: a review. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 2757-66	10.3	105
269	Nonenzymatic displacement of chlorine and formation of free radicals upon the reaction of glutathione with PCB quinones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 9725-30	11.5	97
268	Antibiotic Pollution in Marine Food Webs in Laizhou Bay, North China: Trophodynamics and Human Exposure Implication. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 2392-2400	10.3	91
267	Atmospheric PCB congeners across Chicago. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 1550-1557	5.3	83
266	Toxicity of hydroxylated and quinoid PCB metabolites: inhibition of gap junctional intercellular communication and activation of aryl hydrocarbon and estrogen receptors in hepatic and mammary cells. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 340-7	4	79
265	Bisphenol A substitutes and obesity in US adults: analysis of a population-based, cross-sectional study. <i>Lancet Planetary Health, The</i> , <b>2017</b> , 1, e114-e122	9.8	78
264	A critical review on the potential impacts of neonicotinoid insecticide use: current knowledge of environmental fate, toxicity, and implications for human health. <i>Environmental Sciences: Processes and Impacts</i> , <b>2020</b> , 22, 1315-1346	4.3	76
263	Hundreds of Unrecognized Halogenated Contaminants Discovered in Polar Bear Serum. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16401-16406	16.4	76
262	Sulfated metabolites of polychlorinated biphenyls are high-affinity ligands for the thyroid hormone transport protein transthyretin. <i>Environmental Health Perspectives</i> , <b>2013</b> , 121, 657-62	8.4	73
261	Enantiomeric specificity of (-)-2,2',3,3',6,6'-hexachlorobiphenyl toward ryanodine receptor types 1 and 2. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 201-7	4	71
260	Hydroxylated polychlorinated biphenyls are substrates and inhibitors of human hydroxysteroid sulfotransferase SULT2A1. <i>Chemical Research in Toxicology</i> , <b>2006</b> , 19, 1420-5	4	68

259	Cellular glutathione status modulates polychlorinated biphenyl-induced stress response and apoptosis in vascular endothelial cells. <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 166, 36-42	4.6	68
258	Glucuronidation of hydroxylated polychlorinated biphenyls (PCBs). <i>Chemical Research in Toxicology</i> , <b>2002</b> , 15, 1259-66	4	67
257	Semiquinone radicals from oxygenated polychlorinated biphenyls: electron paramagnetic resonance studies. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 1359-67	4	65
256	Effects of PCB 84 enantiomers on [3H]-phorbol ester binding in rat cerebellar granule cells and $^{45}\text{Ca}^{2+}$ -uptake in rat cerebellum. <i>Toxicology Letters</i> , <b>2005</b> , 156, 391-400	4.4	62
255	Polychlorinated biphenyls as initiators in liver carcinogenesis: resistant hepatocyte model. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 186, 55-62	4.6	61
254	Chlorination increases the persistence of semiquinone free radicals derived from polychlorinated biphenyl hydroquinones and quinones. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 8296-304	4.2	60
253	Synthesis of hydroxylated PCB metabolites with the Suzuki-coupling. <i>Chemosphere</i> , <b>2001</b> , 45, 1119-27	8.4	60
252	Stereoselective formation of mono- and dihydroxylated polychlorinated biphenyls by rat cytochrome P450 2B1. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 12184-92	10.3	59
251	Enantioselective disposition of PCB 136 (2,2',3,3',6,6'-hexachlorobiphenyl) in C57BL/6 mice after oral and intraperitoneal administration. <i>Chirality</i> , <b>2007</b> , 19, 56-66	2.1	57
250	Aromatic organosulfates in atmospheric aerosols: synthesis, characterization, and abundance. <i>Atmospheric Environment</i> , <b>2014</b> , 94, 366-373	5.3	56
249	PCB 136 atropselectively alters morphometric and functional parameters of neuronal connectivity in cultured rat hippocampal neurons via ryanodine receptor-dependent mechanisms. <i>Toxicological Sciences</i> , <b>2014</b> , 138, 379-92	4.4	56
248	Identification of sulfated metabolites of 4-chlorobiphenyl (PCB3) in the serum and urine of male rats. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 2796-804	4	56
247	Elongated silica nanoparticles with a mesh phase mesopore structure by fluorosurfactant templating. <i>Langmuir</i> , <b>2004</b> , 20, 6981-4	4	55
246	Synthesis of polychlorinated biphenyls (PCBs) using the Suzuki-coupling. <i>Chemosphere</i> , <b>2001</b> , 45, 137-43	8.4	54
245	Polychlorinated-biphenyl-induced oxidative stress and cytotoxicity can be mitigated by antioxidants after exposure. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 47, 1762-71	7.8	53
244	Polychlorinated biphenyl quinone metabolites poison human topoisomerase IIalpha: altering enzyme function by blocking the N-terminal protein gate. <i>Biochemistry</i> , <b>2006</b> , 45, 10140-52	3.2	53
243	Hydroxylated polychlorinated biphenyls as inhibitors of the sulfation and glucuronidation of 3-hydroxy-benzo[a]pyrene. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 343-8	8.4	53
242	Association of Bisphenol A and Its Substitutes, Bisphenol F and Bisphenol S, with Obesity in United States Children and Adolescents. <i>Diabetes and Metabolism Journal</i> , <b>2019</b> , 43, 59-75	5	51

241	Chiral polychlorinated biphenyls: absorption, metabolism and excretion--a review. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2042-57	5.1	51
240	Hydroxylated polychlorinated biphenyls increase reactive oxygen species formation and induce cell death in cultured cerebellar granule cells. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 240, 306-13	4.6	51
239	2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136) atropisomers interact enantioselectively with hepatic microsomal cytochrome P450 enzymes. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 1295-303	4	51
238	2,2',3,5',6-Pentachlorobiphenyl (PCB 95) and its hydroxylated metabolites are enantiomerically enriched in female mice. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 11393-401	10.3	48
237	In vitro profiling of toxic effects of prominent environmental lower-chlorinated PCB congeners linked with endocrine disruption and tumor promotion. <i>Environmental Pollution</i> , <b>2018</b> , 237, 473-486	9.3	47
236	Differences in the isomer composition of perfluorooctanesulfonyl (PFOS) derivatives. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2007</b> , 42, 249-55	2.3	47
235	2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136) is enantioselectively oxidized to hydroxylated metabolites by rat liver microsomes. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 2249-57	4	46
234	Enantioselective biotransformation of chiral PCBs in whole poplar plants. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 2308-16	10.3	46
233	Well-ordered mesoporous silica prepared by cationic fluorinated surfactant templating. <i>Microporous and Mesoporous Materials</i> , <b>2004</b> , 73, 197-202	5.3	44
232	Controlling Nanopore Size and Shape by Fluorosurfactant Templating of Silica. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 916-925	9.6	43
231	Structure-activity relationships for hydroxylated polychlorinated biphenyls as inhibitors of the sulfation of dehydroepiandrosterone catalyzed by human hydroxysteroid sulfotransferase SULT2A1. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 1720-8	4	42
230	Sources and toxicities of phenolic polychlorinated biphenyls (OH-PCBs). <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16277-16290	5.1	41
229	Flame retardant BDE-47 effectively activates nuclear receptor CAR in human primary hepatocytes. <i>Toxicological Sciences</i> , <b>2014</b> , 137, 292-302	4.4	41
228	Detection of 3,3'-Dichlorobiphenyl in Human Maternal Plasma and Its Effects on Axonal and Dendritic Growth in Primary Rat Neurons. <i>Toxicological Sciences</i> , <b>2017</b> , 158, 401-411	4.4	40
227	Mixing of perfluorinated carboxylic acids with dipalmitoylphosphatidylcholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2004</b> , 1664, 141-9	3.8	40
226	Behavior of partially fluorinated carboxylic acids at the air/water interface. <i>Journal of Fluorine Chemistry</i> , <b>2001</b> , 107, 141-146	2.1	40
225	Synthesis of Inorganic and Organic/Inorganic Hybrid Hollow Particles Using a Cationic Surfactant with a Partially Fluorinated Tail. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 2500-2508	15.6	39
224	Synthesis and Structure of Environmentally Relevant Perfluorinated Sulfonamides. <i>Journal of Fluorine Chemistry</i> , <b>2007</b> , 128, 595-607	2.1	39

223	Polychlorobiphenyls are selective inhibitors of human phenol sulfotransferase 1A1 with 4-nitrophenol as a substrate. <i>Chemico-Biological Interactions</i> , <b>2006</b> , 159, 235-46	5	39
222	A new player in environmentally induced oxidative stress: polychlorinated biphenyl congener, 3,3'-dichlorobiphenyl (PCB11). <i>Toxicological Sciences</i> , <b>2013</b> , 136, 39-50	4-4	37
221	Initiating activity of 4-chlorobiphenyl metabolites in the resistant hepatocyte model. <i>Toxicological Sciences</i> , <b>2004</b> , 79, 41-6	4-4	37
220	Mixing of Partially Fluorinated Carboxylic Acids and Their Hydrocarbon Analogues with Dipalmitoylphosphatidylcholine at the Air/Water Interface. <i>Langmuir</i> , <b>2000</b> , 16, 10161-10166	4	37
219	Subacute exposure to N-ethyl perfluorooctanesulfonamidoethanol results in the formation of perfluorooctanesulfonate and alters superoxide dismutase activity in female rats. <i>Archives of Toxicology</i> , <b>2009</b> , 83, 909-24	5-8	36
218	Disposition of phenolic and sulfated metabolites after inhalation exposure to 4-chlorobiphenyl (PCB3) in female rats. <i>Chemical Research in Toxicology</i> , <b>2014</b> , 27, 1411-20	4	35
217	Airborne polychlorinated biphenyls (PCBs) reduce telomerase activity and shorten telomere length in immortal human skin keratinocytes (HaCat). <i>Toxicology Letters</i> , <b>2011</b> , 204, 64-70	4-4	35
216	Gas chromatographic analysis with chiral cyclodextrin phases reveals the enantioselective formation of hydroxylated polychlorinated biphenyls by rat liver microsomes. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 9590-6	10-3	35
215	Hydrophobic tail length, degree of fluorination and headgroup stereochemistry are determinants of the biocompatibility of (fluorinated) carbohydrate surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2009</b> , 73, 65-74	6	35
214	Toxicokinetics of chiral polychlorinated biphenyls across different species--a review. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2058-80	5-1	34
213	Environmental Fate and Effects of Dichloroacetamide Herbicide Safeners: Inert yet Biologically Active Agrochemical Ingredients. <i>Environmental Science and Technology Letters</i> , <b>2015</b> , 2, 260-269	11	34
212	Metabolism of 2,2',3,3',6,6'-hexachlorobiphenyl (PCB 136) atropisomers in tissue slices from phenobarbital or dexamethasone-induced rats is sex-dependent. <i>Xenobiotica</i> , <b>2013</b> , 43, 933-47	2	34
211	Model and cell membrane partitioning of perfluorooctanesulfonate is independent of the lipid chain length. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2010</b> , 76, 128-36	6	34
210	Mixing of perfluorooctanesulfonic acid (PFOS) potassium salt with dipalmitoyl phosphatidylcholine (DPPC). <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2006</b> , 51, 25-9	6	34
209	Comparative Analyses of the 12 Most Abundant PCB Congeners Detected in Human Maternal Serum for Activity at the Thyroid Hormone Receptor and Ryanodine Receptor. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 3948-3958	10-3	34
208	Oxidation of polychlorinated biphenyls by liver tissue slices from phenobarbital-pretreated mice is congener-specific and atropselective. <i>Chemical Research in Toxicology</i> , <b>2013</b> , 26, 1642-51	4	33
207	An Extended Structure-Activity Relationship of Nondioxin-Like PCBs Evaluates and Supports Modeling Predictions and Identifies Picomolar Potency of PCB 202 Towards Ryanodine Receptors. <i>Toxicological Sciences</i> , <b>2017</b> , 155, 170-181	4-4	33
206	Clearance of polychlorinated biphenyl atropisomers is enantioselective in female C57Bl/6 mice. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 2828-35	10-3	33

205	Structure-activity relationships for hydroxylated polychlorinated biphenyls as substrates and inhibitors of rat sulfotransferases and modification of these relationships by changes in thiol status. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 1065-72	4	33
204	Perfluorocarbon compounds as vehicles for pulmonary drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2007</b> , 4, 247-62	8	33
203	Gas chromatographic separation of methoxylated polychlorinated biphenyl atropisomers. <i>Journal of Chromatography A</i> , <b>2008</b> , 1207, 146-54	4.5	32
202	Simultaneous extraction and clean-up of polychlorinated biphenyls and their metabolites from small tissue samples using pressurized liquid extraction. <i>Journal of Chromatography A</i> , <b>2008</b> , 1214, 37-46 <sup>4-5</sup>	4.5	32
201	Effect of potassium perfluorooctanesulfonate, perfluorooctanoate and octanesulfonate on the phase transition of dipalmitoylphosphatidylcholine (DPPC) bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 1299-308	3.8	32
200	Synthesis and biocompatibility evaluation of partially fluorinated pyridinium bromides. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 944-951	3.6	32
199	Tissue Distribution, Metabolism, and Excretion of 3,3'-Dichloro-4'-sulfooxy-biphenyl in the Rat. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 8087-95	10.3	31
198	Time course of congener uptake and elimination in rats after short-term inhalation exposure to an airborne polychlorinated biphenyl (PCB) mixture. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 6893-900	10.3	31
197	An efficient approach to sulfate metabolites of polychlorinated biphenyls. <i>Environment International</i> , <b>2010</b> , 36, 843-8	12.9	31
196	Z' = 4 structure without obvious pseudosymmetry: implications for the formation of solid-state compounds. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2002</b> , 58, 140-7		31
195	Comparison of the actions of 4-chlorobiphenyl and its hydroxylated metabolites on estradiol secretion by ovarian follicles in primary cells in culture. <i>Reproductive Toxicology</i> , <b>2005</b> , 20, 57-64	3.4	31
194	Synthesis, thermal properties, and cytotoxicity evaluation of hydrocarbon and fluorocarbon alkyl ED-xylopyranoside surfactants. <i>Carbohydrate Research</i> , <b>2012</b> , 349, 12-23	2.9	30
193	Structure-activity relationship of selected meta- and para-hydroxylated non-dioxin like polychlorinated biphenyls: from single RyR1 channels to muscle dysfunction. <i>Toxicological Sciences</i> , <b>2013</b> , 136, 500-13	4.4	30
192	Mixing of partially fluorinated carboxylic acids with their hydrocarbon analogs at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 249, 381-7	9.3	30
191	Hydroxylated metabolites of 4-monochlorobiphenyl and its metabolic pathway in whole poplar plants. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 3901-7	10.3	29
190	Effect of antioxidant phytochemicals on the hepatic tumor promoting activity of 3,3',4,4'-tetrachlorobiphenyl (PCB-77). <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 3467-74	4.7	29
189	Dose-dependent enantiomeric enrichment of 2,2',3,3',6,6'-hexachlorobiphenyl in female mice. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 299-305	3.8	29
188	Congener-specific tissue distribution of aroclor 1254 and a highly chlorinated environmental PCB mixture in rats. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 3513-20	10.3	29



187	Interaction of a Partially Fluorinated Heptadecanoic Acid with Diacyl Phosphatidylcholines of Varying Chain Length. <i>Langmuir</i> , <b>2003</b> , 19, 8843-8851	4	29
186	In vitro inhibition of human hepatic and cDNA-expressed sulfotransferase activity with 3-hydroxybenzo[a]pyrene by polychlorobiphenyls. <i>Environmental Health Perspectives</i> , <b>2005</b> , 113, 680-78.4	8.4	29
185	Microsomal oxidation of 2,2',3,3',6,6'-hexachlorobiphenyl (PCB 136) results in species-dependent chiral signatures of the hydroxylated metabolites. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 2436-44	10.3	28
184	Polychlorinated Biphenyl Quinone Metabolite Promotes p53-Dependent DNA Damage Checkpoint Activation, S-Phase Cycle Arrest and Extrinsic Apoptosis in Human Liver Hepatocellular Carcinoma HepG2 Cells. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 2160-9	4	28
183	Subchronic inhalation exposure study of an airborne polychlorinated biphenyl mixture resembling the Chicago ambient air congener profile. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 9653-62	10.3	28
182	Elimination of inhaled 3,3'-dichlorobiphenyl and the formation of the 4-hydroxylated metabolite. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 4743-51	10.3	28
181	Synthesis of Sterically Hindered Polychlorinated Biphenyl Derivatives. <i>Synthesis</i> , <b>2011</b> , 7, 1045-1054	2.9	28
180	Influence of dietary fat on the enantioselective disposition of 2,2',3,3',6,6'-hexachlorobiphenyl (PCB 136) in female mice. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 637-44	4.7	28
179	Distribution of chiral PCBs in selected tissues in the laboratory rat. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 3704-10	10.3	28
178	Identification of a sulfate metabolite of PCB 11 in human serum. <i>Environment International</i> , <b>2017</b> , 98, 120-128	12.9	27
177	Catalase ameliorates polychlorinated biphenyl-induced cytotoxicity in nonmalignant human breast epithelial cells. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 1094-102	7.8	27
176	Role of oxidative stress in the promoting activities of pcbs. <i>Environmental Toxicology and Pharmacology</i> , <b>2008</b> , 25, 247-50	5.8	27
175	Gut Microbiota Modulates Interactions Between Polychlorinated Biphenyls and Bile Acid Homeostasis. <i>Toxicological Sciences</i> , <b>2018</b> , 166, 269-287	4.4	27
174	Oxidative DNA adducts after Cu(2+)-mediated activation of dihydroxy PCBs: role of reactive oxygen species. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 1346-52	7.8	26
173	Synthesis and biocompatibility evaluation of fluorinated, single-tailed glucopyranoside surfactants. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 2169	3.6	26
172	Association Between Exposure to Pyrethroid Insecticides and Risk of All-Cause and Cause-Specific Mortality in the General US Adult Population. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 367-374	11.5	26
171	Hepatic metabolism affects the atropselective disposition of 2,2',3,3',6,6'-hexachlorobiphenyl (PCB 136) in mice. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 616-25	10.3	25
170	Synthesis and tuning of bimodal mesoporous silica by combined hydrocarbon/fluorocarbon surfactant templating. <i>Langmuir</i> , <b>2009</b> , 25, 6486-92	4	25

- 169 Identification of hydroxylated metabolites of 3,3',4,4'-tetrachlorobiphenyl and metabolic pathway in whole poplar plants. *Chemosphere*, **2010**, 81, 523-8 8.4 25
- 168 The Ullmann Coupling Reaction: A New Approach to Tetraarylstannanes. *Organometallics*, **2006**, 25, 4207-4214 2.5
- 167 Cytochrome p450 mRNA expression in the rodent brain: species-, sex-, and region-dependent differences. *Drug Metabolism and Disposition*, **2014**, 42, 239-44 4 24
- 166 Enantioselective transport and biotransformation of chiral hydroxylated metabolites of polychlorinated biphenyls in whole poplar plants. *Environmental Science & Technology*, **2014**, 48, 12213-20 10.3 24
- 165 Disruption of phosphatidylcholine monolayers and bilayers by perfluorobutane sulfonate. *Journal of Physical Chemistry B*, **2012**, 116, 9999-10007 3.4 24
- 164 Behavior of 10-(perfluorohexyl)-decanol, a partially fluorinated analog of hexadecanol, at the air/water interface. *Journal of Fluorine Chemistry*, **2002**, 117, 17-22 2.1 24
- 163 Biological and tumor-promoting effects of dioxin-like and non-dioxin-like polychlorinated biphenyls in mouse liver after single or combined treatment. *Toxicological Sciences*, **2013**, 133, 29-41 4.4 23
- 162 Partitioning of perfluorooctanoate into phosphatidylcholine bilayers is chain length-independent. *Chemistry and Physics of Lipids*, **2010**, 163, 300-8 3.7 23
- 161 Sulfation of Lower Chlorinated Polychlorinated Biphenyls Increases Their Affinity for the Major Drug-Binding Sites of Human Serum Albumin. *Environmental Science & Technology*, **2016**, 50, 5320-7 10.3 23
- 160 Synthesis, surface properties, and biocompatibility of 1,2,3-triazole-containing alkyl ED-xylopyranoside surfactants. *Carbohydrate Research*, **2013**, 379, 68-77 2.9 22
- 159 Sulfate metabolites of 4-monochlorobiphenyl in whole poplar plants. *Environmental Science & Technology*, **2013**, 47, 557-62 10.3 22
- 158 Inhibition of cytochromes P450 and the hydroxylation of 4-monochlorobiphenyl in whole poplar. *Environmental Science & Technology*, **2013**, 47, 6829-35 10.3 22
- 157 Inhibition of the promotion of hepatocarcinogenesis by 2,2',4,4',5,5'-hexachlorobiphenyl (PCB-153) by the deletion of the p50 subunit of NF-kappa B in mice. *Toxicology and Applied Pharmacology*, **2008**, 232, 302-8 4.6 22
- 156 Enantiomeric enrichment of 2,2',3,3',6,6'-hexachlorobiphenyl (PCB 136) in mice after induction of CYP enzymes. *Archives of Environmental Contamination and Toxicology*, **2008**, 55, 510-7 3.2 22
- 155 Induction of cytochromes P450, caspase-3 and DNA damage by PCB3 and its hydroxylated metabolites in porcine ovary. *Toxicology Letters*, **2006**, 166, 200-11 4.4 22
- 154 Synthesis of polychlorinated biphenyls and their metabolites with a modified Suzuki-coupling. *Chemosphere*, **2004**, 56, 735-44 8.4 22
- 153 Mixing behavior of 10-(perfluorohexyl)-decanol and DPPC. *Colloids and Surfaces B: Biointerfaces*, **2005**, 44, 74-81 6 22
- 152 Chlordane and heptachlor are metabolized enantioselectively by rat liver microsomes. *Environmental Science & Technology*, **2013**, 47, 8913-22 10.3 21



151	Assigning atropisomer elution orders using atropisomerically enriched polychlorinated biphenyl fractions generated by microsomal metabolism. <i>Journal of Chromatography A</i> , <b>2013</b> , 1278, 133-44	4.5	21
150	Editor's Highlight: Congener-Specific Disposition of Chiral Polychlorinated Biphenyls in Lactating Mice and Their Offspring: Implications for PCB Developmental Neurotoxicity. <i>Toxicological Sciences</i> , <b>2017</b> , 158, 101-115	4.4	21
149	The three-dimensional structure of 3,3',4,4'-tetrachlorobiphenyl, a dioxin-like polychlorinated biphenyl (PCB). <i>Chemosphere</i> , <b>2008</b> , 70, 1694-8	8.4	21
148	Glucuronidation of polychlorinated biphenyls and UDP-glucuronic acid concentrations in channel catfish liver and intestine. <i>Drug Metabolism and Disposition</i> , <b>2008</b> , 36, 623-30	4	21
147	Association Between Bisphenol A Exposure and Risk of All-Cause and Cause-Specific Mortality in US Adults. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2011620	10.4	21
146	Sulfate conjugates are urinary markers of inhalation exposure to 4-chlorobiphenyl (PCB3). <i>Chemical Research in Toxicology</i> , <b>2013</b> , 26, 853-5	4	20
145	Development of a synthetic PCB mixture resembling the average polychlorinated biphenyl profile in Chicago air. <i>Environment International</i> , <b>2010</b> , 36, 819-27	12.9	20
144	Human CYP2A6, CYP2B6, AND CYP2E1 Atropselectively Metabolize Polychlorinated Biphenyls to Hydroxylated Metabolites. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 2114-2123	10.3	20
143	Estrogenicity and androgenicity screening of PCB sulfate monoesters in human breast cancer MCF-7 cells. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2186-200	5.1	19
142	Chemical stability of esters of nicotinic acid intended for pulmonary administration by liquid ventilation. <i>Pharmaceutical Research</i> , <b>2003</b> , 20, 918-25	4.5	19
141	Effect of pregnancy on the disposition of 2,2',3,5',6-pentachlorobiphenyl (PCB 95) atropisomers and their hydroxylated metabolites in female mice. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 1774-83	4	18
140	Monohydroxylated Polybrominated Diphenyl Ethers (OH-PBDEs) and Dihydroxylated Polybrominated Biphenyls (Di-OH-PBBs): Novel Photoproducts of 2,6-Dibromophenol. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 14120-8	10.3	18
139	Assessment of the disposition of chiral polychlorinated biphenyls in female mdr 1a/b knockout versus wild-type mice using multivariate analyses. <i>Environment International</i> , <b>2010</b> , 36, 884-92	12.9	18
138	Cationic-anionic vesicle templating from fluorocarbon/fluorocarbon and hydrocarbon/fluorocarbon surfactants. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 338, 82-91	9.3	18
137	Tailoring porous silica films through supercritical carbon dioxide processing of fluorinated surfactant templates. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 363-70	3.4	18
136	Molecular cytotoxic mechanisms of catecholic polychlorinated biphenyl metabolites in isolated rat hepatocytes. <i>Chemico-Biological Interactions</i> , <b>2007</b> , 167, 184-92	5	18
135	In vitro exposure of porcine prepubertal follicles to 4-chlorobiphenyl (PCB3) and its hydroxylated metabolites: effects on sex hormone levels and aromatase activity. <i>Toxicology Letters</i> , <b>2006</b> , 164, 113-22	4.4	18
134	Hydroxylated and sulfated metabolites of commonly observed airborne polychlorinated biphenyls display selective uptake and toxicity in N27, SH-SY5Y, and HepG2 cells. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 62, 69-78	5.8	18

133	Cytotoxic activity of triazole-containing alkyl D-glucopyranosides on a human T-cell leukemia cell line. <i>Chemistry Central Journal</i> , <b>2015</b> , 9, 3		17
132	2,2',3,5',6-Pentachlorobiphenyl (PCB 95) Is Atropselectively Metabolized to para-Hydroxylated Metabolites by Human Liver Microsomes. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 2108-2110	4	17
131	Interaction of benzoquinone- and hydroquinone-derivatives of lower chlorinated biphenyls with DNA and nucleotides in vitro. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 142, 307-16	5	17
130	Atropisomeric determination of chiral hydroxylated metabolites of polychlorinated biphenyls using HPLC-MS. <i>Chemistry Central Journal</i> , <b>2013</b> , 7, 183		16
129	The effect of dietary glycine on the hepatic tumor promoting activity of polychlorinated biphenyls (PCBs) in rats. <i>Toxicology</i> , <b>2007</b> , 239, 147-55	4.4	16
128	Environmental exposure to pyrethroid pesticides in a nationally representative sample of U.S. adults and children: The National Health and Nutrition Examination Survey 2007-2012. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115489	9.3	16
127	Direct Synthesis and Accessibility of Amine-Functionalized Mesoporous Silica Templated Using Fluorinated Surfactants. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 5510-5522	3.9	15
126	Synthesis, physicochemical properties and in vitro cytotoxicity of nicotinic acid ester prodrugs intended for pulmonary delivery using perfluorooctyl bromide as vehicle. <i>International Journal of Pharmaceutics</i> , <b>2008</b> , 353, 35-44	6.5	15
125	Large- and small-nanopore silica prepared with a short-chain cationic fluorinated surfactant. <i>Nanotechnology</i> , <b>2005</b> , 16, S502-7	3.4	15
124	The three-dimensional structure of 3, 3', 5'-trichloro-4-methoxybiphenyl, a "coplanar" polychlorinated biphenyl (PCB) derivative. <i>Chemosphere</i> , <b>2002</b> , 46, 485-8	8.4	15
123	Cardiovascular Effects of Polychlorinated Biphenyls and Their Major Metabolites. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 77008	8.4	15
122	Toxicity Evaluation of Exposure to an Atmospheric Mixture of Polychlorinated Biphenyls by Nose-Only and Whole-Body Inhalation Regimens. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 11875-83	10.3	14
121	Authentication of synthetic environmental contaminants and their (bio)transformation products in toxicology: polychlorinated biphenyls as an example. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16508-16521	5.1	14
120	Identification of lipidomic markers of chronic 3,3',4,4',5-pentachlorobiphenyl (PCB 126) exposure in the male rat liver. <i>Toxicology</i> , <b>2017</b> , 390, 124-134	4.4	14
119	Metabolism and Photolysis of 2,4-Dinitroanisole in Arabidopsis. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 13714-13722	10.3	14
118	Microsomal Metabolism of Prochiral Polychlorinated Biphenyls Results in the Enantioselective Formation of Chiral Metabolites. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1820-1829	10.3	13
117	Stable Isotope-Enabled Pathway Elucidation of 2,4-Dinitroanisole Metabolized by <i>Rhizobium litchii</i> . <i>Environmental Science and Technology Letters</i> , <b>2015</b> , 2, 362-366	11	13
116	Packing conflicts in the Z' = 5 structure of CF(3)(CF(2))(3)(CH(2))(10)COOH. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2004</b> , 60, 325-32		13

115	Gut Microbiome Critically Impacts PCB-induced Changes in Metabolic Fingerprints and the Hepatic Transcriptome in Mice. <i>Toxicological Sciences</i> , <b>2020</b> , 177, 168-187	4.4	12
114	Hydroxylated and sulfated metabolites of commonly occurring airborne polychlorinated biphenyls inhibit human steroid sulfotransferases SULT1E1 and SULT2A1. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 58, 196-201	5.8	12
113	Identification of a novel hydroxylated metabolite of 2,2',3,5',6-pentachlorobiphenyl formed in whole poplar plants. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2089-98	5.1	12
112	Regioselective Iodination of Chlorinated Aromatic Compounds Using Silver Salts. <i>Tetrahedron</i> , <b>2011</b> , 67, 7461-7469	2.4	12
111	Physicochemical properties of hydroxylated polychlorinated biphenyls aid in predicting their interactions with rat sulfotransferase 1A1 (rSULT1A1). <i>Chemico-Biological Interactions</i> , <b>2011</b> , 189, 153-60 <sup>5</sup>		12
110	New hydroxylated metabolites of 4-monochlorobiphenyl in whole poplar plants. <i>Chemistry Central Journal</i> , <b>2011</b> , 5, 87		12
109	Effect of dietary selenium on the promotion of hepatocarcinogenesis by 3,3',4,4'-tetrachlorobiphenyl and 2,2',4,4',5,5'-hexachlorobiphenyl. <i>Experimental Biology and Medicine</i> , <b>2008</b> , 233, 366-76	3.7	12
108	ClcR-based biosensing system in the detection of cis-dihydroxylated (chloro-)biphenyls. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 385, 807-13	4.4	12
107	Interaction of a partially fluorinated long-chain nicotinate with dipalmitoylphosphatidylcholine. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 2415-22	6.3	12
106	Human Liver Microsomes Atropselectively Metabolize 2,2',3,4',6-Pentachlorobiphenyl (PCB 91) to a 1,2-Shift Product as the Major Metabolite. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 6000-6008 <sup>10.3</sup>		11
105	Subacute nicotine co-exposure has no effect on 2,2',3,5',6- pentachlorobiphenyl disposition but alters hepatic cytochrome P450 expression in the male rat. <i>Toxicology</i> , <b>2015</b> , 338, 59-68	4.4	11
104	Electron ionization mass spectral fragmentation study of sulfation derivatives of polychlorinated biphenyls. <i>Chemistry Central Journal</i> , <b>2009</b> , 3, 5		11
103	Anti-inflammatory effects of perfluorocarbon compounds. <i>Expert Review of Respiratory Medicine</i> , <b>2008</b> , 2, 273-89	3.8	11
102	Synthesis of Fluoro-Functionalized Mesoporous Silica and Application to Fluorophilic Separations. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 530-538	3.9	11
101	Dietary vitamin E does not inhibit the promotion of liver carcinogenesis by polychlorinated biphenyls in rats. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 283-6	4.1	11
100	Biotransformation of 2,4-dinitroanisole by a fungal <i>Penicillium</i> sp. <i>Biodegradation</i> , <b>2017</b> , 28, 95-109	4.1	10
99	Fluorinated surfactant templating of vinyl-functionalized nanoporous silica. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 85, 16-24	5.3	10
98	Interaction of long-chain nicotinates with dipalmitoylphosphatidylcholine. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 535-46	6.3	10

97	2,4,4'-trichlorobiphenyl increases STAT5 transcriptional activity. <i>Molecular Carcinogenesis</i> , <b>2001</b> , 30, 199-208	10
96	Combined Maternal Exposure to Cypermethrin and Stress Affect Embryonic Brain and Placental Outcomes in Mice. <i>Toxicological Sciences</i> , <b>2020</b> , 175, 182-196	4.4 9
95	Association between urinary tin concentration and diabetes in nationally representative sample of US adults. <i>Journal of Diabetes</i> , <b>2018</b> , 10, 977-983	3.8 9
94	Atropselective Oxidation of 2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132) to Hydroxylated Metabolites by Human Liver Microsomes and Its Implications for PCB 132 Neurotoxicity. <i>Toxicological Sciences</i> , <b>2019</b> ,	4.4 9
93	Chlorinated biphenyl quinones and phenyl-2,5-benzoquinone differentially modify the catalytic activity of human hydroxysteroid sulfotransferase hSULT2A1. <i>Chemical Research in Toxicology</i> , <b>2013</b> , 26, 1474-85	4 9
92	Cytotoxic effects of polychlorinated biphenyl hydroquinone metabolites in rat hepatocytes. <i>Journal of Applied Toxicology</i> , <b>2010</b> , 30, 163-71	4.1 9
91	Supercritical carbon dioxide processing of fluorinated surfactant templated mesoporous silica thin films. <i>Langmuir</i> , <b>2005</b> , 21, 6145-9	4 9
90	Atropisomers of 2,2',3,3',6,6'-hexachlorobiphenyl (PCB 136) exhibit stereoselective effects on activation of nuclear receptors in vitro. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16411-16419	5.1 9
89	Genetic differences in the aryl hydrocarbon receptor and CYP1A2 affect sensitivity to developmental polychlorinated biphenyl exposure in mice: relevance to studies of human neurological disorders. <i>Mammalian Genome</i> , <b>2018</b> , 29, 112-127	3.2 8
88	Binding interactions of hydroxylated polychlorinated biphenyls (OHPCBs) with human hydroxysteroid sulfotransferase hSULT2A1. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 212, 56-64	5 8
87	Modulating inhibitors of transthyretin fibrillogenesis via sulfation: polychlorinated biphenyl sulfates as models. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 228, 1-8	5 8
86	Fluorocarbon and hydrocarbon functional group incorporation into nanoporous silica employing fluorinated and hydrocarbon surfactants as templates. <i>Microporous and Mesoporous Materials</i> , <b>2010</b> , 129, 189-199	5.3 8
85	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o2905-o2906	8
84	Toxicokinetics of Chiral PCB 136 and Its Hydroxylated Metabolites in Mice with a Liver-Specific Deletion of Cytochrome P450 Reductase. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 727-736	4 8
83	Environmental tin exposure in a nationally representative sample of U.S. adults and children: The National Health and Nutrition Examination Survey 2011-2014. <i>Environmental Pollution</i> , <b>2018</b> , 240, 599-606	8.3 8
82	Evaluating the Role of the Steroid and Xenobiotic Receptor (SXR/PXR) in PCB-153 Metabolism and Protection against Associated Adverse Effects during Perinatal and Chronic Exposure in Mice. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 47011	8.4 7
81	3,3',4,4',5-Pentachlorobiphenyl (PCB 126) Decreases Hepatic and Systemic Ratios of Epoxide to Diol Metabolites of Unsaturated Fatty Acids in Male Rats. <i>Toxicological Sciences</i> , <b>2016</b> , 152, 309-22	4.4 7
80	Effects of thiol antioxidants on the atropselective oxidation of 2,2',3,3',6,6'-hexachlorobiphenyl (PCB 136) by rat liver microsomes. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2081-8	5.1 7

79	Supercritical carbon dioxide swelling of fluorinated and hydrocarbon surfactant templates in mesoporous silica thin films. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 367, 183-92	9.3	7
78	Solubility enhancement of phenol and phenol derivatives in perfluorooctyl bromide. <i>Journal of Pharmaceutical Sciences</i> , <b>1998</b> , 87, 1585-9	3.9	7
77	Pore size engineering in fluorinated surfactant templated mesoporous silica powders through supercritical carbon dioxide processing. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 113, 106-113	5.3	7
76	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. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115233	9.3	7
75	3,3'-Dichlorobiphenyl Is Metabolized to a Complex Mixture of Oxidative Metabolites, Including Novel Methoxylated Metabolites, by HepG2 Cells. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 12345-12357	10.3	7
74	Detection and Quantification of Polychlorinated Biphenyl Sulfates in Human Serum. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 2473-2481	10.3	7
73	Interfacial molecular imprinting of Stöber particle surfaces: a simple approach to targeted saccharide adsorption. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 428, 101-10	9.3	6
72	Improved syntheses of non-dioxin-like polychlorinated biphenyls (PCBs) and some of their sulfur-containing metabolites. <i>Environment International</i> , <b>2010</b> , 36, 828-34	12.9	6
71	Fluorophilicity of Alkyl and Polyfluoroalkyl 1 Nicotinic Acid Ester Prodrugs. <i>Journal of Fluorine Chemistry</i> , <b>2010</b> , 131, 784-790	2.1	6
70	Tricarbonyls: Reactive Model Dienophiles for Asymmetric Diels-Alder Reactions. <i>Synthesis</i> , <b>1996</b> , 1996, 105-110	2.9	6
69	Tumor promoting potency of PCBs 28 and 101 in rat liver. <i>Toxicology Letters</i> , <b>2006</b> , 164, 133-43	4.4	6
68	4'-Chloro-biphenyl-4-yl 2,2,2-trichloro-ethyl sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2464		6
67	Atropselective Disposition of 2,2',3,4',6-Pentachlorobiphenyl (PCB 91) and Identification of Its Metabolites in Mice with Liver-Specific Deletion of Cytochrome P450 Reductase. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 1328-1338	4	6
66	Absolute configuration of 2,2',3,3',6-pentachlorinatedbiphenyl (PCB 84) atropisomers. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16402-16410	5.1	6
65	PCB11 Metabolite, 3,3'-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. <i>Antioxidants</i> , <b>2018</b> , 7,	7.1	6
64	Processing of surfactant templated nano-structured silica films using compressed carbon dioxide as interpreted from in situ fluorescence spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 11646-55 <sup>3-4</sup>		5
63	Demixed Micelle Morphology Control in Hydrocarbon/Fluorocarbon Cationic Surfactant Templating of Mesoporous Silica. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 17390-17400	3.8	5
62	1,3,5-Trichloro-2-methoxy-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o424		5



61	A semi-target analytical method for quantification of OH-PCBs in environmental samples. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 8859-8871	5.1	5
60	Levels of tin and organotin compounds in human urine samples from Iowa, United States. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2019</b> , 54, 884-890	2.3	4
59	Comprehensive Subchronic Inhalation Toxicity Assessment of an Indoor School Air Mixture of PCBs. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15976-15985	10.3	4
58	Sustained expression of CYPs and DNA adduct accumulation with continuous exposure to PCB126 and PCB153 through a new delivery method: Polymeric implants. <i>Toxicology Reports</i> , <b>2014</b> , 1, 820-833	4.8	4
57	Effective synthesis of sulfate metabolites of chlorinated phenols. <i>Chemosphere</i> , <b>2013</b> , 93, 1965-71	8.4	4
56	2,4-Di-chloro-1-iodo-6-nitro-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o607		4
55	Crystal structure and density functional theory studies of toxic quinone metabolites of polychlorinated biphenyls. <i>Chemosphere</i> , <b>2011</b> , 85, 386-92	8.4	4
54	Biphenyl-4-yl 2,2,2-trichloro-ethyl sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1073		4
53	Synthesis and Solid State Structure of Fluorous Probe Molecules for Fluorous Separation Applications. <i>Tetrahedron</i> , <b>2010</b> , 66, 2561-2569	2.4	4
52	Unusual dependence of particle architecture on surfactant concentration in partially fluorinated decylpyridinium templated silica. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 23225-32	3.4	4
51	2,2,3,3,6-Pentachlorobiphenyl (PCB 84). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o3025-o3026		4
50	Nontarget analysis reveals gut microbiome-dependent differences in the fecal PCB metabolite profiles of germ-free and conventional mice. <i>Environmental Pollution</i> , <b>2021</b> , 268, 115726	9.3	4
49	3',4'-Dichloro-biphenyl-4-yl 2,2,2-trichloro-ethyl sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1615-6		3
48	A novel synthesis of branched high-molecular-weight (C40+) long-chain alkanes. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2002</b> , 66, 523-31	2.1	3
47	Atropselective Partitioning of Polychlorinated Biphenyls in a HepG2 Cell Culture System: Experimental and Modeling Results. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 13817-13827	10.3	3
46	Characterization of the Metabolic Pathways of 4-Chlorobiphenyl (PCB3) in HepG2 Cells Using the Metabolite Profiles of Its Hydroxylated Metabolites. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 9052-9062	10.3	3
45	Neonatal Exposure to BPA, BDE-99, and PCB Produces Persistent Changes in Hepatic Transcriptome Associated With Gut Dysbiosis in Adult Mouse Livers. <i>Toxicological Sciences</i> , <b>2021</b> , 184, 83-103	4.4	3
44	Interconversion between methoxylated, hydroxylated and sulfated metabolites of PCB 3 in whole poplar plants. <i>Science of the Total Environment</i> , <b>2021</b> , 785, 147341	10.2	3



43	Inverted Micelle-in-Micelle Configuration in Cationic/Carbohydrate Surfactant Mixtures. <i>ChemPhysChem</i> , <b>2017</b> , 18, 79-86	3.2	2
42	Partitioning of homologous nicotinic acid ester prodrugs (nicotinate)s into dipalmitoylphosphatidylcholine (DPPC) membrane bilayers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2010</b> , 78, 75-84	6	2
41	4-Bromo-2-chloro-1-methoxybenzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o2091-o2092		2
40	Fluorinated Surfactant Templating of Ordered Nanoporous Silica. <i>Materials Research Society Symposia Proceedings</i> , <b>2003</b> , 775, 3181		2
39	2,3,4?-Trichlorobiphenyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, o111-o112		2
38	5-Fluoro-1-octanoyluracil. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56, e518-e519		2
37	Hydroxylated Polychlorinated Biphenyls Are Emerging Legacy Pollutants in Contaminated Sediments.. <i>Environmental Science &amp; Technology</i> , <b>2022</b> ,	10.3	2
36	5,5'-Dichloro-2,2'-dimeth-oxy-biphen-yl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o650		2
35	Role of oil vehicle on hepatic cell proliferation in PCB-treated rats. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2011</b> , 30, 273-82	2.1	2
34	1-Bromo-4-chloro-2,5-dimethoxy-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o339		2
33	Benoxacor is enantioselectively metabolized by rat liver subcellular fractions. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 330, 109247	5	2
32	Imprinting of StBer particles for chirally-resolved adsorption of target monosaccharides and disaccharides. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11525-11532	3.6	1
31	Density functional theory study of semiquinone radical anions of polychlorinated biphenyls in the syn- and anti-like conformation. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 1586-95	2.8	1
30	4'-Chloro-biphenyl-3-yl 2,2,2-trichloro-ethyl sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2306		1
29	4-Chloro-2,3?-dimethoxybiphenyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o3639-o3640		1
28	2,5-Dichloro-4?-methoxybiphenyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o4162-o4163		1
27	2,4,5-Trichlorobiphenyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, o1652-o1653		1
26	3,3',5,5'-Tetrabromo-4,4?-dihydroxybiphenyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o2828-o2830		1

25	4-Chloro-3,4'-dihydroxybiphenyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, o590-o591		1
24	1-Bromo-2-chloro-4,5-dimethoxy-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o813		1
23	3,4',5-Trichloro-biphenyl-4-yl 2,2,2-trichloro-ethyl sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o620		1
22	Human hepatic microsomal sulfatase catalyzes the hydrolysis of polychlorinated biphenyl sulfates: A potential mechanism for retention of hydroxylated PCBs. <i>Environmental Toxicology and Pharmacology</i> , <b>2021</b> , 88, 103757	5.8	1
21	5-Fluoro-1-(penta-noyl)pyrimidine-2,4(1H,3H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o617		1
20	1-Bromo-2,3,6-trichloro-4,5-dimethoxy-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o487		1
19	Synthesis of mono- and dimethoxylated polychlorinated biphenyl derivatives starting from fluoroarene derivatives. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 8905-8925	5.1	1
18	Disposition of PCB 11 in Mice Following Acute Oral Exposure. <i>Chemical Research in Toxicology</i> , <b>2021</b> , 34, 988-991	4	1
17	Tuning the position of head groups by surfactant design in mixed micelles of cationic and carbohydrate surfactants. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 428-438	9.3	1
16	The disposition of polychlorinated biphenyls (PCBs) differs between germ-free and conventional mice.. <i>Environmental Toxicology and Pharmacology</i> , <b>2022</b> , 92, 103854	5.8	1
15	Association of Seafood Consumption and Mercury Exposure With Cardiovascular and All-Cause Mortality Among US Adults. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2136367	10.4	0
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13	Bisphenol F Exposure in Adolescent Heterogeneous Stock Rats Affects Growth and Adiposity. <i>Toxicological Sciences</i> , <b>2021</b> , 181, 246-261	4.4	0
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11	Evaluation of Early Biomarkers of Atherosclerosis Associated with Polychlorinated Biphenyl Exposure: An and Study.. <i>Environmental Health Perspectives</i> , <b>2022</b> , 130, 37011	8.4	0
10	PCB Sulfates in Serum from Mothers and Children in Urban and Rural U.S. Communities.. <i>Environmental Science &amp; Technology</i> , <b>2022</b> , 56, 6537-6547	10.3	0
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