

Rachel F Marek

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

558
citations

687220

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794469

19
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21
all docs

21
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21
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Airborne PCBs and OH-PCBs Inside and Outside Urban and Rural U.S. Schools. <i>Environmental Science & Technology</i> , 2017, 51, 7853-7860.	4.6	107
2	PCBs and OH-PCBs in Serum from Children and Mothers in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2013, 47, 3353-3361.	4.6	80
3	Polychlorinated Biphenyls in Food. <i>Environmental Science & Technology</i> , 2020, 54, 11443-11452.	4.6	66
4	A New Player in Environmentally Induced Oxidative Stress: Polychlorinated Biphenyl Congener, 3,3'-Dichlorobiphenyl (PCB11). <i>Toxicological Sciences</i> , 2013, 136, 39-50.	1.4	45
5	Variability in PCB and OH-PCB Serum Levels in Children and Their Mothers in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2014, 48, 13459-13467.	4.6	42
6	Discovery of Hydroxylated Polychlorinated Biphenyls (OH-PCBs) in Sediment from a Lake Michigan Waterway and Original Commercial Aroclors. <i>Environmental Science & Technology</i> , 2013, 47, 8204-8210.	4.6	40
7	Physical properties of secondary photochemical aerosol from OH oxidation of a cyclic siloxane. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1649-1664.	1.9	24
8	Occurrence and Distribution of Two Hydroxylated Polychlorinated Biphenyl Congeners in Chicago Air. <i>Environmental Science and Technology Letters</i> , 2016, 3, 47-51.	3.9	22
9	Detection and Quantification of Polychlorinated Biphenyl Sulfates in Human Serum. <i>Environmental Science & Technology</i> , 2021, 55, 2473-2481.	4.6	22
10	Hydroxylated polychlorinated biphenyls in human sera from adolescents and their mothers living in two U.S. Midwestern communities. <i>Chemosphere</i> , 2016, 147, 389-395.	4.2	20
11	Biodegradation of PCB congeners by <i>Paraburkholderia xenovorans</i> LB400 in presence and absence of sediment during lab bioreactor experiments. <i>Environmental Pollution</i> , 2021, 271, 116364.	3.7	18
12	Room-to-Room Variability of Airborne Polychlorinated Biphenyls in Schools and the Application of Air Sampling for Targeted Source Evaluation. <i>Environmental Science & Technology</i> , 2021, 55, 9460-9468.	4.6	18
13	Assessment of Polychlorinated Biphenyls and Their Hydroxylated Metabolites in Postmortem Human Brain Samples: Age and Brain Region Differences. <i>Environmental Science & Technology</i> , 2022, 56, 9515-9526.	4.6	16
14	Corrections to PCBs and OH-PCBs in Serum from Children and Mothers in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2013, 47, 9555-9556.	4.6	13
15	Polymeric Nanofiber-Carbon Nanotube Composite Mats as Fast-Equilibrium Passive Samplers for Polar Organic Contaminants. <i>Environmental Science & Technology</i> , 2020, 54, 6703-6712.	4.6	9
16	PCB Sulfates in Serum from Mothers and Children in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2022, 56, 6537-6547.	4.6	9
17	Signal Processing Methods to Interpret Polychlorinated Biphenyls in Airborne Samples. <i>IEEE Access</i> , 2020, 8, 147738-147755.	2.6	2
18	Dataset describing biodegradation of individual polychlorinated biphenyl congeners (PCBs) by <i>Paraburkholderia xenovorans</i> LB400 in presence and absence of sediment slurry. <i>Data in Brief</i> , 2021, 35, 106821.	0.5	2