Accumulation of perfluorinated alkyl substances (PFAS)

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Citation Report

#	Article	IF	Citations
1	Uptake, translocation and subcellular distribution of pesticides in Chinese cabbage (Brassica rapa var.) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.9	52
2	Toxicity of perfluorinated compounds to soil microbial activity: Effect of carbon chain length, functional group and soil properties. Science of the Total Environment, 2019, 690, 1162-1169.	3.9	70
3	Research progress on the removal of hazardous perfluorochemicals: A review. Journal of Environmental Management, 2019, 250, 109488.	3.8	33
4	Rapid Removal of Poly- and Perfluorinated Compounds from Investigation-Derived Waste (IDW) in a Pilot-Scale Plasma Reactor. Environmental Science & Technology, 2019, 53, 11375-11382.	4.6	86
5	PFOA and PFOS removal by ion exchange for water reuse and drinking applications: role of organic matter characteristics. Environmental Science: Water Research and Technology, 2019, 5, 1782-1795.	1.2	64
6	Anticancer drug delivery to cancer cells using alkyl amine-functionalized nanodiamond supraparticles. Nanoscale Advances, 2019, 1, 3406-3412.	2.2	15
7	A polycationic pillar[5]arene for the binding and removal of organic toxicants from aqueous media. Supramolecular Chemistry, 2019, 31, 545-557.	1.5	6
8	Removal of perfluoalkyl acids (PFAAs) through fluorochemical industrial and domestic wastewater treatment plants and bioaccumulation in aquatic plants in river and artificial wetland. Environment International, 2019, 129, 76-85.	4.8	52
9	Closing the gap â€“ inclusion of ultrashort-chain perfluoroalkyl carboxylic acids in the total oxidizable precursor (TOP) assay protocol. Environmental Sciences: Processes and Impacts, 2019, 21, 1926-1935.	1.7	56
10	Amphipathic Nanodiamond Supraparticles for Anticancer Drug Loading and Delivery. ACS Applied Materials & Interfaces, 2019, 11, 18978-18987.	4.0	23
11	Perfluorooctanoic acid and perfluorooctane sulfonate co-exposure induced changes of metabolites and defense pathways in lettuce leaves. Environmental Pollution, 2020, 256, 113512.	3.7	32
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14	Investigations on the phytotoxicity of perfluorooctanoic acid in Arabidopsis thaliana. Environmental Science and Pollution Research, 2020, 27, 1131-1143.	2.7	18
15	Model-based analysis of the uptake of perfluoroalkyl acids (PFAAs) from soil into plants. Chemosphere, 2020, 244, 125534.	4.2	19
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18	Determination of perfluoroalkyl substances (PFASs) in fats and oils by QuEChERS/micro-HPLC-MS/MS. Food Research International, 2020, 137, 109583.	2.9	13

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20	Uptake, translocation and toxicity of chlorinated polyfluoroalkyl ether potassium sulfonate (F53B) and chromium co-contamination in water spinach (Ipomoea aquatica Forsk). Environmental Pollution, 2020, 266, 115385.	3.7	18
21	Screening for 32 per- and polyfluoroalkyl substances (PFAS) including GenX in sludges from 43 WWTPs located in the Czech Republic - Evaluation of potential accumulation in vegetables after application of biosolids. Chemosphere, 2020, 261, 128018.	4.2	57
22	Accumulation of six PFAS compounds by woody and herbaceous plants: potential for phytoextraction. International Journal of Phytoremediation, 2020, 22, 1538-1550.	1.7	39
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28	Per- and polyfluoroalkyl substances in soil and sediments: Occurrence, fate, remediation and future outlook. Science of the Total Environment, 2020, 748, 141251.	3.9	75
29	Uptake and accumulation of per- and polyfluoroalkyl substances in plants. Chemosphere, 2020, 261, 127584.	4.2	80
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36	Direct contact membrane distillation for effective concentration of perfluoroalkyl substances â€“ Impact of surface fouling and material stability. Water Research, 2020, 182, 116010.	5.3	32

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38	Bioaccumulation of perfluoroalkyl substances in greenhouse vegetables with long-term groundwater irrigation near fluorochemical plants in Fuxin, China. Environmental Research, 2020, 188, 109751.	3.7	44
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