

Christopher P Higgins

List of Publications by Year in descending order

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138
papers

14,597
citations

27035

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143
all docs

143
docs citations

143
times ranked

10049
citing authors

#	ARTICLE	IF	CITATIONS
1	Desorption Isotherms for Poly- and Perfluoroalkyl Substances in Soil Collected from an Aqueous Film-Forming Foam Source Area. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	9
2	PFAS Analysis with Ultrahigh Resolution 21T FT-ICR MS: Suspect and Nontargeted Screening with Unrivaled Mass Resolving Power and Accuracy. <i>Environmental Science & Technology</i> , 2022, 56, 2455-2465.	4.6	34
3	Aerobic BTEX biodegradation increases yield of perfluoroalkyl carboxylic acids from biotransformation of a polyfluoroalkyl surfactant, 6:2 FtTAoS. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 439-446.	1.7	6
4	Cross-sectional associations between serum PFASs and inflammatory biomarkers in a population exposed to AFFF-contaminated drinking water. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113905.	2.1	10
5	Characterization of relevant site-specific PFAS fate and transport processes at multiple AFFF sites. <i>Environmental Advances</i> , 2022, 7, 100167.	2.2	24
6	Granular activated carbon adsorption of perfluoroalkyl acids from ground and surface water. <i>AWWA Water Science</i> , 2022, 4, .	1.0	22
7	Microbial biotransformation of aqueous film-forming foam derived polyfluoroalkyl substances. <i>Science of the Total Environment</i> , 2022, 824, 153711.	3.9	20
8	The regenerative role of biofilm in the removal of pesticides from stormwater in biochar-amended biofilters. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 1092-1110.	1.2	5
9	A field study to assess the role of air-water interfacial sorption on PFAS leaching in an AFFF source area. <i>Journal of Contaminant Hydrology</i> , 2022, 248, 104001.	1.6	26
10	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests. <i>Environmental Science & Technology</i> , 2022, 56, 368-378.	4.6	24
11	Application of Hydrothermal Alkaline Treatment for Destruction of Per- and Polyfluoroalkyl Substances in Contaminated Groundwater and Soil. <i>Environmental Science & Technology</i> , 2022, 56, 6647-6657.	4.6	29
12	Estimation of Transport Parameters of Perfluoroalkyl Acids (PFAAs) in Unsaturated Porous Media: Critical Experimental and Modeling Improvements. <i>Environmental Science & Technology</i> , 2022, 56, 7963-7975.	4.6	12
13	Communicating Confidence of Per- and Polyfluoroalkyl Substance Identification via High-Resolution Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2022, 9, 473-481.	3.9	61
14	Metabolomics reveals primary response of wheat (<i>Triticum aestivum</i>) to irrigation with oilfield produced water. <i>Environmental Research</i> , 2022, 212, 113547.	3.7	6
15	Assessment of Mobilization Potential of Per- and Polyfluoroalkyl Substances for Soil Remediation. <i>Environmental Science & Technology</i> , 2022, 56, 10030-10041.	4.6	12
16	Per- and polyfluoroalkyl substances (PFASs) in contaminated coastal marine waters of the Saudi Arabian Red Sea: a baseline study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2791-2803.	2.7	22
17	Hydrothermal Alkaline Treatment for Destruction of Per- and Polyfluoroalkyl Substances in Aqueous Film-Forming Foam. <i>Environmental Science & Technology</i> , 2021, 55, 3283-3295.	4.6	77
18	Desorption of Poly- and Perfluoroalkyl Substances from Soil Historically Impacted with Aqueous Film-Forming Foam. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, .	0.7	30

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19	Removal of Per- and Polyfluoroalkyl Substances (PFASs) in Aqueous Film-Forming Foam (AFFF) Using Ion-Exchange and Nonionic Resins. <i>Environmental Science & Technology</i> , 2021, 55, 5001-5011.	4.6	54
20	Unsaturated PFOS and Other PFASs in Human Serum and Drinking Water from an AFFF-Impacted Community. <i>Environmental Science & Technology</i> , 2021, 55, 8139-8148.	4.6	71
21	Environmental Source Tracking of Per- and Polyfluoroalkyl Substances within a Forensic Context: Current and Future Techniques. <i>Environmental Science & Technology</i> , 2021, 55, 7237-7245.	4.6	40
22	Fate and transport of per- and polyfluoroalkyl substances (PFASs) in the vadose zone. <i>Science of the Total Environment</i> , 2021, 771, 145427.	3.9	69
23	Reductive defluorination of Perfluorooctanesulfonic acid (PFOS) by hydrated electrons generated upon UV irradiation of 3-Indole-acetic-acid in 12-Aminolauric-Modified montmorillonite. <i>Water Research</i> , 2021, 200, 117221.	5.3	29
24	Anion exchange resin removal of per- and polyfluoroalkyl substances (PFAS) from impacted water: A critical review. <i>Water Research</i> , 2021, 200, 117244.	5.3	83
25	Legacy and emerging per- and polyfluorinated alkyl substances (PFASs) in sediment and edible fish from the Eastern Red Sea. <i>Environmental Pollution</i> , 2021, 280, 116935.	3.7	45
26	Public and private tapwater: Comparative analysis of contaminant exposure and potential risk, Cape Cod, Massachusetts, USA. <i>Environment International</i> , 2021, 152, 106487.	4.8	18
27	Patterns in Serum Toxicokinetics in <i>Peromyscus</i> Exposed to Per- and Polyfluoroalkyl Substances. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2886-2898.	2.2	7
28	Diffusion of perfluoroalkyl acids through clay-rich soil. <i>Journal of Contaminant Hydrology</i> , 2021, 241, 103814.	1.6	10
29	Pilot-scale expanded assessment of inorganic and organic tapwater exposures and predicted effects in Puerto Rico, USA. <i>Science of the Total Environment</i> , 2021, 788, 147721.	3.9	17
30	Linking Trace Organic Contaminants in On-Site Wastewater Treatment Discharge with Biological Effects. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 3193-3204.	2.2	1
31	Pilot-scale field demonstration of a hybrid nanofiltration and UV-sulfite treatment train for groundwater contaminated by per- and polyfluoroalkyl substances (PFASs). <i>Water Research</i> , 2021, 205, 117677.	5.3	33
32	The Mass Transfer Index (MTI): A semi-empirical approach for quantifying transport of solutes in variably saturated porous media. <i>Journal of Contaminant Hydrology</i> , 2021, 242, 103842.	1.6	6
33	Structure Database and <i>In Silico</i> Spectral Library for Comprehensive Suspect Screening of Per- and Polyfluoroalkyl Substances (PFASs) in Environmental Media by High-resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 2820-2827.	3.2	31
34	Spatial Trends of Anionic, Zwitterionic, and Cationic PFASs at an AFFF-Impacted Site. <i>Environmental Science & Technology</i> , 2021, 55, 313-323.	4.6	104
35	Life cycle environmental impacts of regeneration options for anion exchange resin remediation of PFAS impacted water. <i>Water Research</i> , 2021, 207, 117798.	5.3	18
36	Release of Per- and Polyfluoroalkyl Substances from Aqueous Film-Forming Foam Impacted Soils. <i>Environmental Science & Technology</i> , 2021, 55, 14617-14627.	4.6	41

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37	Simulating Impacts of Biosparging on Release and Transformation of Poly- and Perfluorinated Alkyl Substances from Aqueous Film-Forming Foam-Impacted Soil. <i>Environmental Science & Technology</i> , 2021, 55, 15744-15753.	4.6	9
38	Sociodemographic and behavioral determinants of serum concentrations of per- and polyfluoroalkyl substances in a community highly exposed to aqueous film-forming foam contaminants in drinking water. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 256-266.	2.1	53
39	Electrochemical treatment of poly- and perfluoroalkyl substances in brines. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2704-2712.	1.2	26
40	Assessing Human Health Risks from Per- and Polyfluoroalkyl Substance (PFAS)-Impacted Vegetable Consumption: A Tiered Modeling Approach. <i>Environmental Science & Technology</i> , 2020, 54, 15202-15214.	4.6	57
41	Influences of Chemical Properties, Soil Properties, and Solution pH on Soil-Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Science & Technology</i> , 2020, 54, 15883-15892.	4.6	171
42	Mass-Based, Field-Scale Demonstration of PFAS Retention within AFFF-Associated Source Areas. <i>Environmental Science & Technology</i> , 2020, 54, 15768-15777.	4.6	71
43	Immunotoxicity of an Electrochemically Fluorinated Aqueous Film-Forming Foam. <i>Toxicological Sciences</i> , 2020, 178, 104-114.	1.4	20
44	Destruction of Per- and Polyfluoroalkyl Substances (PFASs) in Aqueous Film-Forming Foam (AFFF) with UV-Sulfite Photoreductive Treatment. <i>Environmental Science & Technology</i> , 2020, 54, 6957-6967.	4.6	88
45	Subsurface transport potential of perfluoroalkyl acids (PFAAs): Column experiments and modeling. <i>Journal of Contaminant Hydrology</i> , 2020, 233, 103661.	1.6	53
46	Effect of produced water treatment technologies on irrigation-induced metal and salt accumulation in wheat (<i>Triticum aestivum</i>) and sunflower (<i>Helianthus annuus</i>). <i>Science of the Total Environment</i> , 2020, 740, 140003.	3.9	13
47	Mixed organic and inorganic tapwater exposures and potential effects in greater Chicago area, USA. <i>Science of the Total Environment</i> , 2020, 719, 137236.	3.9	32
48	Biochar-augmented biofilters to improve pollutant removal from stormwater – can they improve receiving water quality?. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1520-1537.	1.2	37
49	Bioaccumulation of Novel Per- and Polyfluoroalkyl Substances in Mice Dosed with an Aqueous Film-Forming Foam. <i>Environmental Science & Technology</i> , 2020, 54, 5700-5709.	4.6	44
50	Enhanced Extraction of AFFF-Associated PFASs from Source Zone Soils. <i>Environmental Science & Technology</i> , 2020, 54, 4952-4962.	4.6	127
51	Suspect Screening of Hydrocarbon Surfactants in AFFFs and AFFF-Contaminated Groundwater by High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2019, 53, 8068-8077.	4.6	59
52	Food Crop Irrigation with Oilfield-Produced Water Suppresses Plant Immune Response. <i>Environmental Science and Technology Letters</i> , 2019, 6, 656-661.	3.9	24
53	Measurement of Aqueous Diffusivities for Perfluoroalkyl Acids. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, .	0.7	30
54	Rapid Destruction and Defluorination of Perfluorooctanesulfonate by Alkaline Hydrothermal Reaction. <i>Environmental Science and Technology Letters</i> , 2019, 6, 630-636.	3.9	101

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55	Assessing Continued Electrochemical Treatment of Groundwater Impacted by Aqueous Film-Forming Foams. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, .	0.7	18
56	Prioritizing potential endocrine active high resolution mass spectrometry (HRMS) features in Minnesota lakewater. <i>Science of the Total Environment</i> , 2019, 670, 814-825.	3.9	4
57	An integrated statistical and deterministic hydrologic model for analyzing trace organic contaminants in commercial and high-density residential stormwater runoff. <i>Science of the Total Environment</i> , 2019, 673, 656-667.	3.9	6
58	Potential for Beneficial Reuse of Oil and Gasâ€œDerived Produced Water in Agriculture: Physiological and Morphological Responses in Spring Wheat (<i>Triticum aestivum</i>). <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1756-1769.	2.2	29
59	Co-Design of Engineered Hyporheic Zones to Improve In-Stream Stormwater Treatment and Facilitate Regulatory Approval. <i>Water (Switzerland)</i> , 2019, 11, 2543.	1.2	8
60	Themed issues on per- and polyfluoroalkyl substances. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1797-1802.	1.7	13
61	Themed issues on per- and polyfluoroalkyl substances. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1808-1813.	1.2	4
62	Measuring total PFASs in water: The tradeoff between selectivity and inclusivity. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 13-18.	2.1	76
63	Removal of per- and polyfluoroalkyl substances using super-fine powder activated carbon and ceramic membrane filtration. <i>Journal of Hazardous Materials</i> , 2019, 366, 160-168.	6.5	83
64	Correction to â€œA Never-Ending Story of Per- and Polyfluoroalkyl Substances (PFASs)â€œ. <i>Environmental Science & Technology</i> , 2018, 52, 3325-3325.	4.6	20
65	Trace organic contaminant (TOC) mixtures in Minnesota littoral zones: Effects of on-site wastewater treatment system (OWTS) proximity and biological impact. <i>Science of the Total Environment</i> , 2018, 626, 1157-1166.	3.9	21
66	Reductive Defluorination of Branched Per- and Polyfluoroalkyl Substances with Cobalt Complex Catalysts. <i>Environmental Science and Technology Letters</i> , 2018, 5, 289-294.	3.9	65
67	Temporal characterization and statistical analysis of flowback and produced waters and their potential for reuse. <i>Science of the Total Environment</i> , 2018, 619-620, 654-664.	3.9	69
68	Reconnaissance of Mixed Organic and Inorganic Chemicals in Private and Public Supply Tapwaters at Selected Residential and Workplace Sites in the United States. <i>Environmental Science & Technology</i> , 2018, 52, 13972-13985.	4.6	41
69	ZÃ¼rich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , 2018, 126, 84502.	2.8	91
70	Trace organic contaminants in urban runoff: Associations with urban land-use. <i>Environmental Pollution</i> , 2018, 242, 2068-2077.	3.7	95
71	Simulation of a hydraulic fracturing wastewater surface spill on agricultural soil. <i>Science of the Total Environment</i> , 2018, 645, 229-234.	3.9	12
72	Performance of Engineered Streambeds for Inducing Hyporheic Transient Storage and Attenuation of Resazurin. <i>Environmental Science & Technology</i> , 2018, 52, 10627-10636.	4.6	22

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73	Electrochemical Transformations of Perfluoroalkyl Acid (PFAA) Precursors and PFAAs in Groundwater Impacted with Aqueous Film Forming Foams. <i>Environmental Science & Technology</i> , 2018, 52, 10689-10697.	4.6	66
74	Benzotriazole (BT) and BT plant metabolites in crops irrigated with recycled water. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 213-223.	1.2	29
75	A Never-Ending Story of Per- and Polyfluoroalkyl Substances (PFASs)?. <i>Environmental Science & Technology</i> , 2017, 51, 2508-2518.	4.6	971
76	Electrochemical treatment of perfluorooctanoic acid and perfluorooctane sulfonate: Insights into mechanisms and application to groundwater treatment. <i>Chemical Engineering Journal</i> , 2017, 317, 424-432.	6.6	157
77	Improved contaminant removal in vegetated stormwater biofilters amended with biochar. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 726-734.	1.2	52
78	Evaluation of the immunomodulatory effects of 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-propanoate in C57BL/6 mice. <i>Toxicological Sciences</i> , 2017, , kfw251.	1.4	24
79	Organic Carbon Amendments for Enhanced Biological Attenuation of Trace Organic Contaminants in Biochar-Amended Stormwater Biofilters. <i>Environmental Science & Technology</i> , 2017, 51, 9184-9193.	4.6	54
80	Serum perfluoroalkyl acids (PFAAs) and associations with behavioral attributes. <i>Chemosphere</i> , 2017, 184, 687-693.	4.2	22
81	Our Stainfree Future? A Virtual Issue on Poly- and Perfluoroalkyl Substances. <i>Environmental Science & Technology</i> , 2017, 51, 5859-5860.	4.6	11
82	Sorption of Poly- and Perfluoroalkyl Substances (PFASs) Relevant to Aqueous Film-Forming Foam (AFFF)-Impacted Groundwater by Biochars and Activated Carbon. <i>Environmental Science & Technology</i> , 2017, 51, 6342-6351.	4.6	239
83	Emerging analytical methods for the characterization and quantification of organic contaminants in flowback and produced water. <i>Trends in Environmental Analytical Chemistry</i> , 2017, 15, 12-23.	5.3	54
84	Discovery of 40 Classes of Per- and Polyfluoroalkyl Substances in Historical Aqueous Film-Forming Foams (AFFFs) and AFFF-Impacted Groundwater. <i>Environmental Science & Technology</i> , 2017, 51, 2047-2057.	4.6	554
85	Linking Trace Organic Chemical Attenuation to Microbiome Metabolic Capabilities: Insights from Laboratory- and Full-Scale Managed Aquifer Recharge Systems. <i>ACS Symposium Series</i> , 2016, , 163-187.	0.5	3
86	Detection of Poly- and Perfluoroalkyl Substances (PFASs) in U.S. Drinking Water Linked to Industrial Sites, Military Fire Training Areas, and Wastewater Treatment Plants. <i>Environmental Science and Technology Letters</i> , 2016, 3, 344-350.	3.9	839
87	Perfluoroalkyl Acids Inhibit Reductive Dechlorination of Trichloroethene by <i>Dehalococcoides</i> . <i>Environmental Science & Technology</i> , 2016, 50, 240-248.	4.6	42
88	The influence of a non-aqueous phase liquid (NAPL) and chemical oxidant application on perfluoroalkyl acid (PFAA) fate and transport. <i>Water Research</i> , 2016, 92, 199-207.	5.3	59
89	Accumulation of contaminants of emerging concern in food crops—part 2: Plant distribution. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2222-2230.	2.2	48
90	Accumulation of contaminants of emerging concern in food crops—part 1: Edible strawberries and lettuce grown in reclaimed water. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2213-2221.	2.2	57

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91	Comment on "Fluorotechnology Is Critical to Modern Life: The FluoroCouncil Counterpoint to the Madrid Statement". Environmental Health Perspectives, 2015, 123, A170.	2.8	6
92	Life cycle energy and greenhouse gas assessment of the co-production of biosolids and biochar for land application. Journal of Cleaner Production, 2015, 91, 118-127.	4.6	58
93	Effects of Chemical Oxidants on Perfluoroalkyl Acid Transport in One-Dimensional Porous Media Columns. Environmental Science & Technology, 2015, 49, 1681-1689.	4.6	64
94	Bioaccumulation of Perfluoroalkyl Acids by Earthworms (<i>Eisenia fetida</i>) Exposed to Contaminated Soils. Environmental Science & Technology, 2015, 49, 881-888.	4.6	72
95	The Madrid Statement on Poly- and Perfluoroalkyl Substances (PFASs). Environmental Health Perspectives, 2015, 123, A107-11.	2.8	199
96	Biochar and Activated Carbon for Enhanced Trace Organic Contaminant Retention in Stormwater Infiltration Systems. Environmental Science & Technology, 2015, 49, 6222-6230.	4.6	95
97	Electrochemical treatment of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) in groundwater impacted by aqueous film forming foams (AFFFs). Journal of Hazardous Materials, 2015, 295, 170-175.	6.5	174
98	Enhanced Biofilm Production by a Toluene-Degrading <i>Rhodococcus</i> Observed after Exposure to Perfluoroalkyl Acids. Environmental Science & Technology, 2015, 49, 5458-5466.	4.6	43
99	Polyfluorinated substances in abiotic standard reference materials. Analytical and Bioanalytical Chemistry, 2015, 407, 2975-2983.	1.9	21
100	Sorption of Emerging Organic Wastewater Contaminants to Four Soils. Water (Switzerland), 2014, 6, 1028-1042.	1.2	15
101	Perfluoroalkyl Acid Uptake in Lettuce (<i>Lactuca sativa</i>) and Strawberry (<i>Fragaria</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 14361-14368.	4.6	162
102	Treatment of poly- and perfluoroalkyl substances in U.S. full-scale water treatment systems. Water Research, 2014, 51, 246-255.	5.3	351
103	Evidence of Remediation-Induced Alteration of Subsurface Poly- and Perfluoroalkyl Substance Distribution at a Former Firefighter Training Area. Environmental Science & Technology, 2014, 48, 6644-6652.	4.6	199
104	Perfluoroalkyl Acid Distribution in Various Plant Compartments of Edible Crops Grown in Biosolids-Amended soils. Environmental Science & Technology, 2014, 48, 7858-7865.	4.6	218
105	Detection of single walled carbon nanotubes by monitoring embedded metals. Environmental Sciences: Processes and Impacts, 2013, 15, 204-213.	1.7	55
106	Silver Nanowire Exposure Results in Internalization and Toxicity to <i>Daphnia magna</i> . ACS Nano, 2013, 7, 10681-10694.	7.3	117
107	Extraction and Analysis of Silver and Gold Nanoparticles from Biological Tissues Using Single Particle Inductively Coupled Plasma Mass Spectrometry. Environmental Science & Technology, 2013, 47, 14315-14323.	4.6	193
108	Subsurface Transport Potential of Perfluoroalkyl Acids at Aqueous Film-Forming Foam (AFFF)-Impacted Sites. Environmental Science & Technology, 2013, 47, 4164-4171.	4.6	291

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109	Engineered Infiltration Systems for Urban Stormwater Reclamation. <i>Environmental Engineering Science</i> , 2013, 30, 437-454.	0.8	137
110	Nanofiltration and granular activated carbon treatment of perfluoroalkyl acids. <i>Journal of Hazardous Materials</i> , 2013, 260, 740-746.	6.5	199
111	Persistence of Perfluoroalkyl Acid Precursors in AFFF-Impacted Groundwater and Soil. <i>Environmental Science & Technology</i> , 2013, 47, 8187-8195.	4.6	582
112	Uptake of Perfluoroalkyl Acids into Edible Crops via Land Applied Biosolids: Field and Greenhouse Studies. <i>Environmental Science & Technology</i> , 2013, 47, 14062-14069.	4.6	213
113	Comparing the effects of nanosilver size and coating variations on bioavailability, internalization, and elimination, using <i>Lumbricus variegatus</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2069-2077.	2.2	54
114	Removal of trace organic chemicals in onsite wastewater soil treatment units: A laboratory experiment. <i>Water Research</i> , 2012, 46, 5174-5184.	5.3	40
115	Sorption of ionized and neutral emerging trace organic compounds onto activated sludge from different wastewater treatment configurations. <i>Water Research</i> , 2012, 46, 1958-1968.	5.3	143
116	Variability of trace organic chemical concentrations in raw wastewater at three distinct sewershed scales. <i>Water Research</i> , 2012, 46, 3261-3271.	5.3	61
117	Analysis of gold nanoparticle mixtures: a comparison of hydrodynamic chromatography (HDC) and asymmetrical flow field-flow fractionation (AF4) coupled to ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1532.	1.6	111
118	Single Particle Inductively Coupled Plasma-Mass Spectrometry: A Performance Evaluation and Method Comparison in the Determination of Nanoparticle Size. <i>Environmental Science & Technology</i> , 2012, 46, 12272-12280.	4.6	186
119	Overcoming challenges in analysis of polydisperse metal-containing nanoparticles by single particle inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1093.	1.6	95
120	Silver nanoparticle characterization using single particle ICP-MS (SP-ICP-MS) and asymmetrical flow field flow fractionation ICP-MS (AF4-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1131.	1.6	235
121	Effect of temperature on oxidative transformation of perfluorooctanoic acid (PFOA) by persulfate activation in water. <i>Separation and Purification Technology</i> , 2012, 91, 46-51.	3.9	105
122	Solubility of nano-zinc oxide in environmentally and biologically important matrices. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 93-99.	2.2	246
123	Detecting nanoparticulate silver using single particle inductively coupled plasma mass spectrometry. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 115-121.	2.2	277
124	Occurrence and Fate of Perfluorochemicals in Soil Following the Land Application of Municipal Biosolids. <i>Environmental Science & Technology</i> , 2011, 45, 8106-8112.	4.6	291
125	Determining Transport Efficiency for the Purpose of Counting and Sizing Nanoparticles via Single Particle Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 9361-9369.	3.2	609
126	Persistence of triclocarban and triclosan in soils after land application of biosolids and bioaccumulation in <i>Eisenia foetida</i> . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 556-563.	2.2	69

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127	Experimental Setup for a Large-Scale Bridge Superstructure Model Subjected to Waves. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2011, 137, 3-11.	0.5	101
128	BIOACCUMULATION OF TRICLOCARBAN IN LUMBRICULUS VARIEGATUS. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2580.	2.2	60
129	Fatigue of Diagonally Cracked RC Girders Repaired with CFRP. <i>Journal of Bridge Engineering</i> , 2008, 13, 24-33.	1.4	15
130	Modeling Sorption of Anionic Surfactants onto Sediment Materials: An a priori Approach for Perfluoroalkyl Surfactants and Linear Alkylbenzene Sulfonates. <i>Environmental Science & Technology</i> , 2007, 41, 3254-3261.	4.6	118
131	Bioaccumulation of Perfluorochemicals in Sediments by the Aquatic Oligochaete <i>Lumbriculus variegatus</i> . <i>Environmental Science & Technology</i> , 2007, 41, 4600-4606.	4.6	123
132	Sorption of Perfluorinated Surfactants on Sediments. <i>Environmental Science & Technology</i> , 2006, 40, 7251-7256.	4.6	1,095
133	Fluorochemical Mass Flows in a Municipal Wastewater Treatment Facility. <i>Environmental Science & Technology</i> , 2006, 40, 7350-7357.	4.6	359
134	Human development is linked to multiple water body impairments along the California coast. <i>Estuaries and Coasts</i> , 2006, 29, 860-870.	1.0	27
135	The sequestration of PCBs in Lake Hartwell sediment with activated carbon. <i>Water Research</i> , 2005, 39, 2105-2113.	5.3	85
136	Quantitative Determination of Perfluorochemicals in Sediments and Domestic Sludge. <i>Environmental Science & Technology</i> , 2005, 39, 3946-3956.	4.6	494
137	Orthotropic Plate Model for Estimating Deflections in Filled Grid Decks. <i>Journal of Bridge Engineering</i> , 2004, 9, 599-605.	1.4	2
138	LRFD Orthotropic Plate Model for Live Load Moment in Filled Grid Decks. <i>Journal of Bridge Engineering</i> , 2003, 8, 20-28.	1.4	5