Paul M Bradley

List of Publications by Year in Descending Order

165 papers	5,243 citations	41 h-index	65 g-index
184 ext. papers	5,928 ext. citations	6.5 avg, IF	5.61 L-index

#	Paper	IF	Citations
165	Arsenic in private well water and birth outcomes in the United States.. *Environment International*, **2022**, 163, 107176	12.9	2
164	Temporal variability in TiO engineered particle concentrations in rural Edisto River.. *Chemosphere*, **2022**, 134091	8.4	0
163	Ecological consequences of neonicotinoid mixtures in streams.. *Science Advances*, **2022**, 8, eabj8182	14.3	0
162	Effects-Based Monitoring of Bioactive Chemicals Discharged to the Colorado River before and after a Municipal Wastewater Treatment Plant Replacement. *Environmental Science & Technology*, **2021**, 55, 974-984	10.3	3
161	Machine Learning Models of Arsenic in Private Wells Throughout the Conterminous United States As a Tool for Exposure Assessment in Human Health Studies. *Environmental Science & Technology*, **2021**, 55, 5012-5023	10.3	13
160	Inclusion of Pesticide Transformation Products Is Key to Estimating Pesticide Exposures and Effects in Small U.S. Streams. *Environmental Science & Technology*, **2021**, 55, 4740-4752	10.3	12
159	In vitro effects-based method and water quality screening model for use in pre- and post-distribution treated waters. *Science of the Total Environment*, **2021**, 768, 144750	10.2	2
158	Untargeted Lipidomics for Determining Cellular and Subcellular Responses in Zebrafish () Liver Cells Following Exposure to Complex Mixtures in U.S. Streams. *Environmental Science & Technology*, **2021**, 55, 8180-8190	10.3	3
157	Multi-region assessment of chemical mixture exposures and predicted cumulative effects in USA wadeable urban/agriculture-gradient streams. *Science of the Total Environment*, **2021**, 773, 145062	10.2	4
156	Feral swine as sources of fecal contamination in recreational waters. *Scientific Reports*, **2021**, 11, 4212	4.9	3
155	Public and private tapwater: Comparative analysis of contaminant exposure and potential risk, Cape Cod, Massachusetts, USA. *Environment International*, **2021**, 152, 106487	12.9	5
154	Reconnaissance of cumulative risk of pesticides and pharmaceuticals in Great Smoky Mountains National Park streams. *Science of the Total Environment*, **2021**, 781, 146711	10.2	3
153	Pilot-scale expanded assessment of inorganic and organic tapwater exposures and predicted effects in Puerto Rico, USA. *Science of the Total Environment*, **2021**, 788, 147721	10.2	2
152	Assessing the ecological functionality and integrity of natural ponds, excavated ponds and stormwater basins for conserving amphibian diversity. *Global Ecology and Conservation*, **2021**, 30, e01765	2.8	
151	Is there an urban pesticide signature? Urban streams in five U.S. regions share common dissolved-phase pesticides but differ in predicted aquatic toxicity. *Science of the Total Environment*, **2021**, 793, 148453	10.2	4
150	Multiple in-stream stressors degrade biological assemblages in five U.S. regions. *Science of the Total Environment*, **2021**, 800, 149350	10.2	2
149	Methylmercury-total mercury ratios in predator and primary consumer insects from Adirondack streams (New York, USA). *Ecotoxicology*, **2020**, 29, 1644-1658	2.9	7

148	Landfill leachate contributes per-/poly-fluoroalkyl substances (PFAS) and pharmaceuticals to municipal wastewater. *Environmental Science: Water Research and Technology*, **2020**, 6, 1300-1311	4.2	32
147	Evaluating the potential role of bioactive chemicals on the distribution of invasive Asian carp upstream and downstream from river mile 278 in the Illinois waterway. *Science of the Total Environment*, **2020**, 735, 139458	10.2	4
146	Mixed organic and inorganic tapwater exposures and potential effects in greater Chicago area, USA. *Science of the Total Environment*, **2020**, 719, 137236	10.2	11
145	Multi-region assessment of pharmaceutical exposures and predicted effects in USA wadeable urban-gradient streams. *PLoS ONE*, **2020**, 15, e0228214	3.7	17
144	Exposure and potential effects of pesticides and pharmaceuticals in protected streams of the US National park Service southeast region. *Science of the Total Environment*, **2020**, 704, 135431	10.2	7
143	Behavior of major and trace elements in a transient surface water/groundwater system following removal of a long-term wastewater treatment facility source. *Science of the Total Environment*, **2019**, 668, 867-880	10.2	10
142	Urban Stormwater: An Overlooked Pathway of Extensive Mixed Contaminants to Surface and Groundwaters in the United States. *Environmental Science & Technology*, **2019**, 53, 10070-10081	10.3	73
141	Predictive Analysis Using Chemical-Gene Interaction Networks Consistent with Observed Endocrine Activity and Mutagenicity of U.S. Streams. *Environmental Science & Technology*, **2019**, 53, 8611-8620	10.3	7
140	Cell-Based Metabolomics for Untargeted Screening and Prioritization of Vertebrate-Active Stressors in Streams Across the United States. *Environmental Science & Technology*, **2019**, 53, 9232-9240	10.3	4
139	Projected urban growth in the southeastern USA puts small streams at risk. *PLoS ONE*, **2019**, 14, e0222714	3.7	9
138	Potential Toxicity of Complex Mixtures in Surface Waters from a Nationwide Survey of United States Streams: Identifying in Vitro Bioactivities and Causative Chemicals. *Environmental Science & Technology*, **2019**, 53, 973-983	10.3	43
137	Mixed-chemical exposure and predicted effects potential in wadeable southeastern USA streams. *Science of the Total Environment*, **2019**, 655, 70-83	10.2	26
136	Pharmaceuticals, hormones, pesticides, and other bioactive contaminants in water, sediment, and tissue from Rocky Mountain National Park, 2012-2013. *Science of the Total Environment*, **2018**, 643, 651-673	10.2	38
135	Bioactive contaminants of emerging concern in National Park waters of the northern Colorado Plateau, USA. *Science of the Total Environment*, **2018**, 636, 910-918	10.2	22
134	Reconnaissance of Mixed Organic and Inorganic Chemicals in Private and Public Supply Tapwaters at Selected Residential and Workplace Sites in the United States. *Environmental Science & Technology*, **2018**, 52, 13972-13985	10.3	25
133	Nutrient enrichment in wadeable urban streams in the Piedmont Ecoregion of the Southeastern United States. *Heliyon*, **2018**, 4, e00904	3.6	2
132	Occurrence and In Vitro Bioactivity of Estrogen, Androgen, and Glucocorticoid Compounds in a Nationwide Screen of United States Stream Waters. *Environmental Science & Technology*, **2017**, 51, 4781-4791	10.3	66
131	Expanded Target-Chemical Analysis Reveals Extensive Mixed-Organic-Contaminant Exposure in U.S. Streams. *Environmental Science & Technology*, **2017**, 51, 4792-4802	10.3	168

130	Widespread occurrence and potential for biodegradation of bioactive contaminants in Congaree National Park, USA. *Environmental Toxicology and Chemistry*, **2017**, 36, 3045-3056	3.8	17
129	Understanding the hydrologic impacts of wastewater treatment plant discharge to shallow groundwater: before and after plant shutdown. *Environmental Science: Water Research and Technology*, **2016**, 2, 864-874	4.2	10
128	Metformin and Other Pharmaceuticals Widespread in Wadeable Streams of the Southeastern United States. *Environmental Science and Technology Letters*, **2016**, 3, 243-249	11	56
127	Aerobic biodegradation potential of endocrine-disrupting chemicals in surface-water sediment at Rocky Mountain National Park, USA. *Environmental Toxicology and Chemistry*, **2016**, 35, 1087-96	3.8	13
126	Spatial and temporal variation in microcystin occurrence in wadeable streams in the southeastern United States. *Environmental Toxicology and Chemistry*, **2016**, 35, 2281-7	3.8	21
125	Pre/post-closure assessment of groundwater pharmaceutical fate in a wastewater-facility-impacted stream reach. *Science of the Total Environment*, **2016**, 568, 916-925	10.2	21
124	Effect of Wastewater Treatment Facility Closure on Endocrine Disrupting Chemicals in a Coastal Plain Stream **2016**, 26, 9-24		3
123	Optimizing fish sampling for fish-mercury bioaccumulation factors. *Chemosphere*, **2015**, 135, 467-73	8.4	20
122	Mercury and methylmercury stream concentrations in a Coastal Plain watershed: a multi-scale simulation analysis. *Environmental Pollution*, **2014**, 187, 182-92	9.3	7
121	Mercury in the soil of two contrasting watersheds in the eastern United States. *PLoS ONE*, **2014**, 9, e86855	3.7	11
120	An empirical approach to modeling methylmercury concentrations in an Adirondack stream watershed. *Journal of Geophysical Research G: Biogeosciences*, **2014**, 119, 1970-1984	3.7	7
119	Riverbank filtration potential of pharmaceuticals in a wastewater-impacted stream. *Environmental Pollution*, **2014**, 193, 173-180	9.3	49
118	Assessment of Endocrine-Disrupting Chemicals Attenuation in a Coastal Plain Stream Prior to Wastewater Treatment Plant Closure. *Journal of the American Water Resources Association*, **2014**, 50, 388-400	2.1	10
117	Effect of Light on Biodegradation of Estrone, 17β-Estradiol, and 17α-Ethinylestradiol in Stream Sediment. *Journal of the American Water Resources Association*, **2014**, 50, 334-342	2.1	16
116	Assessing the relative bioavailability of DOC in regional groundwater systems. *Ground Water*, **2013**, 51, 363-72	2.4	4
115	Optimizing stream water mercury sampling for calculation of fish bioaccumulation factors. *Environmental Science & Technology*, **2013**, 47, 5904-12	10.3	10
114	Intra- and inter-basin mercury comparisons: Importance of basin scale and time-weighted methylmercury estimates. *Environmental Pollution*, **2013**, 172, 42-52	9.3	13
113	Specific ultra-violet absorbance as an indicator of mercury sources in an Adirondack River basin. *Biogeochemistry*, **2013**, 113, 451-466	3.8	26

112	Influence of dietary carbon on mercury bioaccumulation in streams of the Adirondack Mountains of New York and the Coastal Plain of South Carolina, USA. *Ecotoxicology*, **2013**, 22, 60-71	2.9	18
111	Climate change and watershed mercury export: a multiple projection and model analysis. *Environmental Toxicology and Chemistry*, **2013**, 32, 2165-74	3.8	7
110	Shallow groundwater mercury supply in a Coastal Plain stream. *Environmental Science & Technology*, **2012**, 46, 7503-11	10.3	13
109	Landscape controls on total and methyl Hg in the upper Hudson River basin, New York, USA. *Journal of Geophysical Research*, **2012**, 117,		32
108	Estimated trichloroethene transformation rates due to naturally occurring biodegradation in a fractured rock aquifer **2012**, 22, 7-20		5
107	Enhanced dichloroethene biodegradation in fractured rock under biostimulated and bioaugmented conditions **2012**, 22, 21-32		6
106	Perils of categorical thinking: Oxic/anoxic conceptual model in environmental remediation **2012**, 22, 9-18		1
105	Threshold amounts of organic carbon needed to initiate reductive dechlorination in groundwater systems **2012**, 22, 19-28		4
104	Characterizing mercury concentrations and fluxes in a Coastal Plain watershed: Insights from dynamic modeling and data. *Journal of Geophysical Research*, **2012**, 117,		9
103	Dissolved oxygen as an indicator of bioavailable dissolved organic carbon in groundwater. *Ground Water*, **2012**, 50, 230-41	2.4	24
102	Evolution of Redox Processes in Groundwater. *ACS Symposium Series*, **2011**, 581-597	0.4	9
101	Spatial and seasonal variability of dissolved methylmercury in two stream basins in the eastern United States. *Environmental Science & Technology*, **2011**, 45, 2048-55	10.3	28
100	Microbial Mineralization of Dichloroethene and Vinyl Chloride under Hypoxic Conditions. *Ground Water Monitoring and Remediation*, **2011**, 31, 39-49	1.4	24
99	Reinterpreting the Importance of Oxygen-Based Biodegradation in Chloroethene-Contaminated Groundwater. *Ground Water Monitoring and Remediation*, **2011**, 31, 50-55	1.4	12
98	Spatial patterns of mercury in macroinvertebrates and fishes from streams of two contrasting forested landscapes in the eastern United States. *Ecotoxicology*, **2011**, 20, 1530-42	2.9	41
97	Biodegradation and attenuation of steroidal hormones and alkylphenols by stream biofilms and sediments. *Environmental Science & Technology*, **2011**, 45, 4370-6	10.3	71
96	MTBE, TBA, and TAME attenuation in diverse hyporheic zones. *Ground Water*, **2010**, 48, 30-41	2.4	33
95	Ground Water Chlorinated Ethenes in Tree Trunks: Case Studies, Influence of Recharge, and Potential Degradation Mechanism. *Ground Water Monitoring and Remediation*, **2010**, 24, 124-138	1.4	40

94	Flood hydrology and methylmercury availability in coastal plain rivers. *Environmental Science & Technology*, **2010**, 44, 9285-90	10.3	18
93	Biodegradation of Chlorinated Ethenes. *SERDP and ESTCP Remediation Technology Monograph Series*, **2010**, 39-67		14
92	Biochemical indicators for the bioavailability of organic carbon in ground water. *Ground Water*, **2009**, 47, 108-21	2.4	31
91	What does "water quality" mean?. *Ground Water*, **2009**, 47, 752-4	2.4	5
90	Flowpath Independent Monitoring of Reductive Dechlorination Potential in a Fractured Rock Aquifer. *Ground Water Monitoring and Remediation*, **2009**, 29, 46-55	1.4	12
89	Biodegradation of 17beta-estradiol, estrone and testosterone in stream sediments. *Environmental Science & Technology*, **2009**, 43, 1902-10	10.3	77
88	Fate of sulfamethoxazole, 4-nonylphenol, and 17beta-estradiol in groundwater contaminated by wastewater treatment plant effluent. *Environmental Science & Technology*, **2009**, 43, 4843-50	10.3	102
87	Distinguishing iron-reducing from sulfate-reducing conditions. *Ground Water*, **2009**, 47, 300-5	2.4	47
86	Potential for 4-n-nonylphenol biodegradation in stream sediments. *Environmental Toxicology and Chemistry*, **2008**, 27, 260-5	3.8	32
85	Anoxic Mineralization: Environmental Reality or Experimental Artifact?. *Ground Water Monitoring and Remediation*, **2008**, 28, 47-49	1.4	14
84	Accumulation of dechlorination daughter products: A valid metric of chloroethene biodegradation. *Remediation*, **2007**, 17, 7-22	1.8	11
83	Chloroethene dechlorination in acidic groundwater: Implications for combining fenton's treatment with natural attenuation. *Remediation*, **2007**, 18, 7-19	1.8	6
82	Hydrologic significance of carbon monoxide concentrations in ground water. *Ground Water*, **2007**, 45, 272-80	2.4	9
81	A simple pore water hydrogen diffusion syringe sampler. *Ground Water*, **2007**, 45, 798-802	2.4	3
80	Biotransformation of caffeine, cotinine, and nicotine in stream sediments: implications for use as wastewater indicators. *Environmental Toxicology and Chemistry*, **2007**, 26, 1116-21	3.8	87
79	Low-Temperature MTBE Biodegradation in Aquifer Sediments with a History of Low, Seasonal Ground Water Temperatures. *Ground Water Monitoring and Remediation*, **2006**, 26, 101-105	1.4	7
78	Effect of H2 and Redox Condition on Biotic and Abiotic MTBE Transformation. *Ground Water Monitoring and Remediation*, **2006**, 26, 74-81	1.4	10
77	Biodegradation of N-nitrosodimethylamine in Soil from a Water Reclamation Facility. *Bioremediation Journal*, **2005**, 9, 115-120	2.3	26

76	Behavior of a chlorinated ethene plume following source-area treatment with Fenton's reagent. *Ground Water Monitoring and Remediation*, **2005**, 25, 131-141	1.4	34
75	RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine) Biodegradation in Aquifer Sediments under Manganese-Reducing Conditions. *Bioremediation Journal*, **2005**, 9, 1-8	2.3	24
74	Chloroethene biodegradation in sediments at 4 degrees C. *Applied and Environmental Microbiology*, **2005**, 71, 6414-7	4.8	15
73	Redox Conditions and the Reductive/Oxidativebiodegradation of Chlorinated Ethenes in Groundwater Systems **2004**, 373-384		2
72	Stable lead isotopes reveal a natural source of high lead concentrations to gasoline-contaminated groundwater. *Environmental Geology*, **2003**, 45, 12-22		21
71	History and Ecology of Chloroethene Biodegradation: A Review. *Bioremediation Journal*, **2003**, 7, 81-109	2.3	162
70	Effect of Hydrologic and Geochemical Conditions on Oxygen-Enhanced Bioremediation in a Gasoline-Contaminated Aquifer. *Bioremediation Journal*, **2003**, 7, 165-177	2.3	15
69	A hydrogen-based subsurface microbial community dominated by methanogens. *Nature*, **2002**, 415, 312-5	30.4	361
68	Rapid evolution of redox processes in a petroleum hydrocarbon-contaminated aquifer. *Ground Water*, **2002**, 40, 353-60	2.4	52
67	Microbial Mineralization of Ethene Under Sulfate-Reducing Conditions. *Bioremediation Journal*, **2002**, 6, 1-8	2.3	19
66	TBA biodegradation in surface-water sediments under aerobic and anaerobic conditions. *Environmental Science & Technology*, **2002**, 36, 4087-90	10.3	50
65	Methyl t-butyl ether mineralization in surface-water sediment microcosms under denitrifying conditions. *Applied and Environmental Microbiology*, **2001**, 67, 1975-8	4.8	71
64	Widespread potential for microbial MTBE degradation in surface-water sediments. *Environmental Science & Technology*, **2001**, 35, 658-62	10.3	71
63	Effect of redox conditions on MTBE biodegradation in surface water sediments. *Environmental Science & Technology*, **2001**, 35, 4643-7	10.3	70
62	Methyl tert-butyl ether biodegradation by indigenous aquifer microorganisms under natural and artificial oxic conditions. *Environmental Science & Technology*, **2001**, 35, 1118-26	10.3	74
61	BIODEGRADATION OF DISINFECTION BYPRODUCTS AS A POTENTIAL REMOVAL PROCESS DURING AQUIFER STORAGE RECOVERY1. *Journal of the American Water Resources Association*, **2000**, 36, 861-867	2.1	22
60	Microbial H2 Cycling Does Not Affect 2H Values of Ground Water.. *Ground Water*, **2000**, 38, 376-380	2.4	3
59	The Fate of Haloacetic Acids and Trihalomethanes in an Aquifer Storage and Recovery Program, Las Vegas, Nevada. *Ground Water*, **2000**, 38, 605-614	2.4	14

58	Microbial degradation of chloroethenes in groundwater systems. *Hydrogeology Journal*, **2000**, 8, 104-111	3.1	74
57	Acetogenic Microbial Degradation of Vinyl Chloride. *Environmental Science & Technology*, **2000**, 34, 2761-2763	10.3	45
56	Aerobic Microbial Mineralization of Dichloroethene as Sole Carbon Substrate. *Environmental Science & Technology*, **2000**, 34, 221-223	10.3	41
55	Effects of nutrient loading on the carbon balance of coastal wetland sediments. *Limnology and Oceanography*, **1999**, 44, 699-702	4.8	94
54	Response to Comment on "Methane As a Product of Chloroethene Biodegradation under Methanogenic Conditions". *Environmental Science & Technology*, **1999**, 33, 2304-2304	10.3	
53	Aerobic Mineralization of MTBE and tert-Butyl Alcohol by Stream-Bed Sediment Microorganisms. *Environmental Science & Technology*, **1999**, 33, 1877-1879	10.3	109
52	Role for Acetotrophic Methanogens in Methanogenic Biodegradation of Vinyl Chloride. *Environmental Science & Technology*, **1999**, 33, 3473-3476	10.3	32
51	Comment on "Methane As a Product of Chloroethene Biodegradation under Methanogenic Conditions". *Environmental Science & Technology*, **1999**, 33, 2302-2303	10.3	6
50	Methane As a Product of Chloroethene Biodegradation under Methanogenic Conditions. *Environmental Science & Technology*, **1999**, 33, 653-656	10.3	42
49	Microbial mineralization of VC and DCE under different terminal electron accepting conditions. *Anaerobe*, **1998**, 4, 81-7	2.8	69
48	Fate of MTBE Relative to Benzene in a Gasoline-Contaminated Aquifer (1993–98). *Ground Water Monitoring and Remediation*, **1998**, 18, 93-102	1.4	60
47	Field and laboratory evidence for intrinsic biodegradation of vinyl chloride contamination in a Fe(III)-reducing aquifer. *Journal of Contaminant Hydrology*, **1998**, 31, 111-127	3.9	28
46	Assessment of natural attenuation of aromatic hydrocarbons in groundwater near a former manufactured-gas plant, South Carolina, USA. *Environmental Geology*, **1998**, 34, 279-292		17
45	Effect of Contaminant Concentration on Aerobic Microbial Mineralization of DCE and VC in Stream-Bed Sediments. *Environmental Science & Technology*, **1998**, 32, 553-557	10.3	73
44	Selecting remediation goals by assessing the natural attenuation capacity of groundwater systems. *Bioremediation Journal*, **1998**, 2, 227-238	2.3	28
43	Anaerobic Oxidation of [1,2-C]Dichloroethene under Mn(IV)-Reducing Conditions. *Applied and Environmental Microbiology*, **1998**, 64, 1560-2	4.8	52
42	Humic acids as electron acceptors for anaerobic microbial oxidation of vinyl chloride and dichloroethene. *Applied and Environmental Microbiology*, **1998**, 64, 3102-5	4.8	117
41	Selecting Remediation Goals by Assessing the Natural Attenuation Capacity of Groundwater Systems. *Bioremediation Journal*, **1998**, 2, 227-238	2.3	15

40	Kinetics of DCE and VC Mineralization under Methanogenic and Fe(III)-Reducing Conditions. *Environmental Science & Technology*, **1997**, 31, 2692-2696	10.3	82
39	Lack of Correlation between Organic Acid Concentrations and Predominant Electron-Accepting Processes in a Contaminated Aquifer. *Environmental Science & Technology*, **1997**, 31, 1416-1418	10.3	14
38	Potential for Intrinsic Bioremediation of a DNT-Contaminated Aquifer. *Ground Water*, **1997**, 35, 12-17	2.4	26
37	Microbial acetogenesis as a source of organic acids in ancient Atlantic Coastal Plain sediments. *Geology*, **1996**, 24, 925	5	41
36	Comparison of Eh and H2 Measurements for Delineating Redox Processes in a Contaminated Aquifer. *Environmental Science & Technology*, **1996**, 30, 3565-3569	10.3	110
35	Anaerobic Mineralization of Vinyl Chloride in Fe(III)-Reducing, Aquifer Sediments. *Environmental Science & Technology*, **1996**, 30, 2084-2086	10.3	117
34	Influence of Electron Donor on the Minimum Sulfate Concentration Required for Sulfate Reduction in a Petroleum Hydrocarbon-Contaminated Aquifer. *Environmental Science & Technology*, **1996**, 30, 1377-1381	10.3	32
33	Measuring Rates of Biodegradation in a Contaminated Aquifer Using Field and Laboratory Methods. *Ground Water*, **1996**, 34, 691-698	2.4	107
32	Evidence for Enhanced Mineral Dissolution in Organic Acid-Rich Shallow Ground Water. *Ground Water*, **1995**, 33, 207-216	2.4	53
31	Factors affecting microbial 2,4,6-trinitrotoluene mineralization in contaminated soil. *Environmental Science & Technology*, **1995**, 29, 802-6	10.3	57
30	Effects of Carbon and Nitrate on Denitrification in Bottom Sediments of an Effluent-Dominated River. *Water Resources Research*, **1995**, 31, 1063-1068	5.4	27
29	Rapid toluene mineralization by aquifer microorganisms at adak, alaska: implications for intrinsic bioremediation in cold environments. *Environmental Science & Technology*, **1995**, 29, 2778-81	10.3	36
28	Effect of atrazine on potential denitrification in aquifer sediments. *Soil Biology and Biochemistry*, **1994**, 26, 523-524	7.5	4
27	Microbial transformation of nitroaromatics in surface soils and aquifer materials. *Applied and Environmental Microbiology*, **1994**, 60, 2170-5	4.8	60
26	Does lead affect microbial metabolism in aquifer sediments under different terminal electron accepting conditions?. *Geomicrobiology Journal*, **1993**, 11, 85-94	2.5	7
25	Arsenate inhibition of denitrification in nitrate contaminated sediments. *Soil Biology and Biochemistry*, **1993**, 25, 1459-1462	7.5	10
24	Influence of Pb on microbial activity in Pb-contaminated soils. *Soil Biology and Biochemistry*, **1993**, 25, 1465-1466	7.5	15
23	Role of Microbial Processes in Linking Sandstone Diagenesis with Organic-rich Clays. *Journal of Sedimentary Research*, **1992**, Vol. 62,	2.1	5

22	Effect of salinity on the critical nitrogen concentration of Spartina alterniflora Loisel. *Aquatic Botany*, **1992**, 43, 149-161	1.8	36
21	Carbon limitation of denitrification rates in an anaerobic groundwater system. *Environmental Science & Technology*, **1992**, 26, 2377-2381	10.3	67
20	Influence of Environmental Factors on Denitrification in Sediment Contaminated with JP-4 Jet Fuel. *Ground Water*, **1992**, 30, 843-848	2.4	17
19	The influence of salinity on the kinetics of NH uptake in Spartina alterniflora. *Oecologia*, **1991**, 85, 375-380	2.9	79
18	Relative Importance of Ion Exclusion, Secretion and Accumulation inSpartina alternifloraLoisel.. *Journal of Experimental Botany*, **1991**, 42, 1525-1532	7	84
17	Aerobic biodegradation potential of subsurface microorganisms from a jet fuel-contaminated aquifer. *Applied and Environmental Microbiology*, **1991**, 57, 57-63	4.8	67
16	Rediversion salinity change in the Cooper River, South Carolina: Ecological implications. *Estuaries and Coasts*, **1990**, 13, 373		18
15	Influence of Oxygen and Sulfide Concentration on Nitrogen Uptake Kinetics in Spartina Alterniflora. *Ecology*, **1990**, 71, 282-287	4.6	129
14	Physical characteristics of salt marsh sediments: ecological implications. *Marine Ecology - Progress Series*, **1990**, 61, 245-252	2.6	40
13	EFFECTS OF SULFIDE ON THE GROWTH OF THREE SALT MARSH HALOPHYTES OF THE SOUTHEASTERN UNITED STATES. *American Journal of Botany*, **1989**, 76, 1707-1713	2.7	13
12	EFFECTS OF SULFIDE ON THE GROWTH OF THREE SALT MARSH HALOPHYTES OF THE SOUTHEASTERN UNITED STATES **1989**, 76, 1707		22
11	Total mercury, methylmercury, and selected elements in soils of the Fishing Brook watershed, Hamilton County, New York, and the McTier Creek watershed, Aiken County, South Carolina, 2008. *Data Series*,		2
10	Mercury bioaccumulation studies in the National Water-Quality Assessment Program--biological data from New York and South Carolina, 2005-2009. *Data Series*,		5
9	Environmental settings of streams sampled for mercury in New York and South Carolina, 2005-09. *US Geological Survey Open-File Report*,		4
8	Design and methods of the Southeast Stream Quality Assessment (SESQA), 2014. *US Geological Survey Open-File Report*,		14
7	Chemical mixtures and environmental effects: a pilot study to assess ecological exposure and effects in streams. *US Geological Survey Open-File Report*,		5
6	Methods used to characterize the chemical composition and biological activity of environmental waters throughout the United States, 2012-14. *US Geological Survey Open-File Report*,		5
5	Methods used for the collection and analysis of chemical and biological data for the Tapwater Exposure Study, United States, 2016–17. *US Geological Survey Open-File Report*,		2

4	Simulation of streamflow in the McTier Creek watershed, South Carolina. *USGS Scientific Investigations Report*,	2
3	Fluvial transport of mercury, organic carbon, suspended sediment, and selected major ions in contrasting stream basins in South Carolina and New York, October 2004 to September 2009. *USGS Scientific Investigations Report*,i-125	5
2	Scaling up watershed model parameters: flow and load simulations of the Edisto River Basin, South Carolina, 2007-09. *USGS Scientific Investigations Report*,	3
1	Comparison of Methylmercury Production and Accumulation in Sediments of the Congaree and Edisto River Basins, South Carolina, 2004-06. *USGS Scientific Investigations Report*,	2