

Paul M Bradley

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A hydrogen-based subsurface microbial community dominated by methanogens. <i>Nature</i> , 2002 , 415, 312-5	50.4	361
164	Expanded Target-Chemical Analysis Reveals Extensive Mixed-Organic-Contaminant Exposure in U.S. Streams. <i>Environmental Science & Technology</i> , 2017 , 51, 4792-4802	10.3	168
163	History and Ecology of Chloroethene Biodegradation: A Review. <i>Bioremediation Journal</i> , 2003 , 7, 81-109	2.3	162
162	Influence of Oxygen and Sulfide Concentration on Nitrogen Uptake Kinetics in <i>Spartina Alterniflora</i> . <i>Ecology</i> , 1990 , 71, 282-287	4.6	129
161	Anaerobic Mineralization of Vinyl Chloride in Fe(III)-Reducing, Aquifer Sediments. <i>Environmental Science & Technology</i> , 1996 , 30, 2084-2086	10.3	117
160	Humic acids as electron acceptors for anaerobic microbial oxidation of vinyl chloride and dichloroethene. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 3102-5	4.8	117
159	Comparison of Eh and H ₂ Measurements for Delineating Redox Processes in a Contaminated Aquifer. <i>Environmental Science & Technology</i> , 1996 , 30, 3565-3569	10.3	110
158	Aerobic Mineralization of MTBE and tert-Butyl Alcohol by Stream-Bed Sediment Microorganisms. <i>Environmental Science & Technology</i> , 1999 , 33, 1877-1879	10.3	109
157	Measuring Rates of Biodegradation in a Contaminated Aquifer Using Field and Laboratory Methods. <i>Ground Water</i> , 1996 , 34, 691-698	2.4	107
156	Fate of sulfamethoxazole, 4-nonylphenol, and 17beta-estradiol in groundwater contaminated by wastewater treatment plant effluent. <i>Environmental Science & Technology</i> , 2009 , 43, 4843-50	10.3	102
155	Effects of nutrient loading on the carbon balance of coastal wetland sediments. <i>Limnology and Oceanography</i> , 1999 , 44, 699-702	4.8	94
154	Biotransformation of caffeine, cotinine, and nicotine in stream sediments: implications for use as wastewater indicators. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 1116-21	3.8	87
153	Relative Importance of Ion Exclusion, Secretion and Accumulation in <i>Spartina alterniflora</i> Loisel.. <i>Journal of Experimental Botany</i> , 1991 , 42, 1525-1532	7	84
152	Kinetics of DCE and VC Mineralization under Methanogenic and Fe(III)-Reducing Conditions. <i>Environmental Science & Technology</i> , 1997 , 31, 2692-2696	10.3	82
151	The influence of salinity on the kinetics of NH ₄ uptake in <i>Spartina alterniflora</i> . <i>Oecologia</i> , 1991 , 85, 375-380	9	79
150	Biodegradation of 17beta-estradiol, estrone and testosterone in stream sediments. <i>Environmental Science & Technology</i> , 2009 , 43, 1902-10	10.3	77
149	Microbial degradation of chloroethenes in groundwater systems. <i>Hydrogeology Journal</i> , 2000 , 8, 104-111	3.1	74

148	Methyl tert-butyl ether biodegradation by indigenous aquifer microorganisms under natural and artificial oxic conditions. <i>Environmental Science & Technology</i> , 2001 , 35, 1118-26	10.3	74
147	Urban Stormwater: An Overlooked Pathway of Extensive Mixed Contaminants to Surface and Groundwaters in the United States. <i>Environmental Science & Technology</i> , 2019 , 53, 10070-10081	10.3	73
146	Effect of Contaminant Concentration on Aerobic Microbial Mineralization of DCE and VC in Stream-Bed Sediments. <i>Environmental Science & Technology</i> , 1998 , 32, 553-557	10.3	73
145	Biodegradation and attenuation of steroidal hormones and alkylphenols by stream biofilms and sediments. <i>Environmental Science & Technology</i> , 2011 , 45, 4370-6	10.3	71
144	Methyl t-butyl ether mineralization in surface-water sediment microcosms under denitrifying conditions. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 1975-8	4.8	71
143	Widespread potential for microbial MTBE degradation in surface-water sediments. <i>Environmental Science & Technology</i> , 2001 , 35, 658-62	10.3	71
142	Effect of redox conditions on MTBE biodegradation in surface water sediments. <i>Environmental Science & Technology</i> , 2001 , 35, 4643-7	10.3	70
141	Microbial mineralization of VC and DCE under different terminal electron accepting conditions. <i>Anaerobe</i> , 1998 , 4, 81-7	2.8	69
140	Carbon limitation of denitrification rates in an anaerobic groundwater system. <i>Environmental Science & Technology</i> , 1992 , 26, 2377-2381	10.3	67
139	Aerobic biodegradation potential of subsurface microorganisms from a jet fuel-contaminated aquifer. <i>Applied and Environmental Microbiology</i> , 1991 , 57, 57-63	4.8	67
138	Occurrence and In Vitro Bioactivity of Estrogen, Androgen, and Glucocorticoid Compounds in a Nationwide Screen of United States Stream Waters. <i>Environmental Science & Technology</i> , 2017 , 51, 4781-4791	10.3	66
137	Fate of MTBE Relative to Benzene in a Gasoline-Contaminated Aquifer (1993-98). <i>Ground Water Monitoring and Remediation</i> , 1998 , 18, 93-102	1.4	60
136	Microbial transformation of nitroaromatics in surface soils and aquifer materials. <i>Applied and Environmental Microbiology</i> , 1994 , 60, 2170-5	4.8	60
135	Factors affecting microbial 2,4,6-trinitrotoluene mineralization in contaminated soil. <i>Environmental Science & Technology</i> , 1995 , 29, 802-6	10.3	57
134	Metformin and Other Pharmaceuticals Widespread in Wadeable Streams of the Southeastern United States. <i>Environmental Science and Technology Letters</i> , 2016 , 3, 243-249	11	56
133	Evidence for Enhanced Mineral Dissolution in Organic Acid-Rich Shallow Ground Water. <i>Ground Water</i> , 1995 , 33, 207-216	2.4	53
132	Rapid evolution of redox processes in a petroleum hydrocarbon-contaminated aquifer. <i>Ground Water</i> , 2002 , 40, 353-60	2.4	52
131	Anaerobic Oxidation of [1,2-C]Dichloroethene under Mn(IV)-Reducing Conditions. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 1560-2	4.8	52

130	TBA biodegradation in surface-water sediments under aerobic and anaerobic conditions. <i>Environmental Science & Technology</i> , 2002 , 36, 4087-90	10.3	50
129	Riverbank filtration potential of pharmaceuticals in a wastewater-impacted stream. <i>Environmental Pollution</i> , 2014 , 193, 173-180	9.3	49
128	Distinguishing iron-reducing from sulfate-reducing conditions. <i>Ground Water</i> , 2009 , 47, 300-5	2.4	47
127	Acetogenic Microbial Degradation of Vinyl Chloride. <i>Environmental Science & Technology</i> , 2000 , 34, 2761-2763	10.3	45
126	Potential Toxicity of Complex Mixtures in Surface Waters from a Nationwide Survey of United States Streams: Identifying in Vitro Bioactivities and Causative Chemicals. <i>Environmental Science & Technology</i> , 2019 , 53, 973-983	10.3	43
125	Methane As a Product of Chloroethene Biodegradation under Methanogenic Conditions. <i>Environmental Science & Technology</i> , 1999 , 33, 653-656	10.3	42
124	Spatial patterns of mercury in macroinvertebrates and fishes from streams of two contrasting forested landscapes in the eastern United States. <i>Ecotoxicology</i> , 2011 , 20, 1530-42	2.9	41
123	Microbial acetogenesis as a source of organic acids in ancient Atlantic Coastal Plain sediments. <i>Geology</i> , 1996 , 24, 925	5	41
122	Aerobic Microbial Mineralization of Dichloroethene as Sole Carbon Substrate. <i>Environmental Science & Technology</i> , 2000 , 34, 221-223	10.3	41
121	Ground Water Chlorinated Ethenes in Tree Trunks: Case Studies, Influence of Recharge, and Potential Degradation Mechanism. <i>Ground Water Monitoring and Remediation</i> , 2010 , 24, 124-138	1.4	40
120	Physical characteristics of salt marsh sediments: ecological implications. <i>Marine Ecology - Progress Series</i> , 1990 , 61, 245-252	2.6	40
119	Pharmaceuticals, hormones, pesticides, and other bioactive contaminants in water, sediment, and tissue from Rocky Mountain National Park, 2012-2013. <i>Science of the Total Environment</i> , 2018 , 643, 651-673	10.2	38
118	Rapid toluene mineralization by aquifer microorganisms at adak, alaska: implications for intrinsic bioremediation in cold environments. <i>Environmental Science & Technology</i> , 1995 , 29, 2778-81	10.3	36
117	Effect of salinity on the critical nitrogen concentration of <i>Spartina alterniflora</i> Loisel. <i>Aquatic Botany</i> , 1992 , 43, 149-161	1.8	36
116	Behavior of a chlorinated ethene plume following source-area treatment with Fenton's reagent. <i>Ground Water Monitoring and Remediation</i> , 2005 , 25, 131-141	1.4	34
115	MTBE, TBA, and TAME attenuation in diverse hyporheic zones. <i>Ground Water</i> , 2010 , 48, 30-41	2.4	33
114	Landfill leachate contributes per-/poly-fluoroalkyl substances (PFAS) and pharmaceuticals to municipal wastewater. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 1300-1311	4.2	32
113	Landscape controls on total and methyl Hg in the upper Hudson River basin, New York, USA. <i>Journal of Geophysical Research</i> , 2012 , 117,		32

112	Potential for 4-n-nonylphenol biodegradation in stream sediments. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 260-5	3.8	32
111	Role for Acetotrophic Methanogens in Methanogenic Biodegradation of Vinyl Chloride. <i>Environmental Science & Technology</i> , 1999 , 33, 3473-3476	10.3	32
110	Influence of Electron Donor on the Minimum Sulfate Concentration Required for Sulfate Reduction in a Petroleum Hydrocarbon-Contaminated Aquifer. <i>Environmental Science & Technology</i> , 1996 , 30, 1377-1381	10.3	32
109	Biochemical indicators for the bioavailability of organic carbon in ground water. <i>Ground Water</i> , 2009 , 47, 108-21	2.4	31
108	Spatial and seasonal variability of dissolved methylmercury in two stream basins in the eastern United States. <i>Environmental Science & Technology</i> , 2011 , 45, 2048-55	10.3	28
107	Field and laboratory evidence for intrinsic biodegradation of vinyl chloride contamination in a Fe(III)-reducing aquifer. <i>Journal of Contaminant Hydrology</i> , 1998 , 31, 111-127	3.9	28
106	Selecting remediation goals by assessing the natural attenuation capacity of groundwater systems. <i>Bioremediation Journal</i> , 1998 , 2, 227-238	2.3	28
105	Effects of Carbon and Nitrate on Denitrification in Bottom Sediments of an Effluent-Dominated River. <i>Water Resources Research</i> , 1995 , 31, 1063-1068	5.4	27
104	Specific ultra-violet absorbance as an indicator of mercury sources in an Adirondack River basin. <i>Biogeochemistry</i> , 2013 , 113, 451-466	3.8	26
103	Potential for Intrinsic Bioremediation of a DNT-Contaminated Aquifer. <i>Ground Water</i> , 1997 , 35, 12-17	2.4	26
102	Biodegradation of N-nitrosodimethylamine in Soil from a Water Reclamation Facility. <i>Bioremediation Journal</i> , 2005 , 9, 115-120	2.3	26
101	Mixed-chemical exposure and predicted effects potential in wadeable southeastern USA streams. <i>Science of the Total Environment</i> , 2019 , 655, 70-83	10.2	26
100	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	10.3	25
99	Dissolved oxygen as an indicator of bioavailable dissolved organic carbon in groundwater. <i>Ground Water</i> , 2012 , 50, 230-41	2.4	24
98	Microbial Mineralization of Dichloroethene and Vinyl Chloride under Hypoxic Conditions. <i>Ground Water Monitoring and Remediation</i> , 2011 , 31, 39-49	1.4	24
97	RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine) Biodegradation in Aquifer Sediments under Manganese-Reducing Conditions. <i>Bioremediation Journal</i> , 2005 , 9, 1-8	2.3	24
96	Bioactive contaminants of emerging concern in National Park waters of the northern Colorado Plateau, USA. <i>Science of the Total Environment</i> , 2018 , 636, 910-918	10.2	22
95	BIODEGRADATION OF DISINFECTION BYPRODUCTS AS A POTENTIAL REMOVAL PROCESS DURING AQUIFER STORAGE RECOVERY ¹ . <i>Journal of the American Water Resources Association</i> , 2000 , 36, 861-867 ^{2.1}	2.1	22

94	EFFECTS OF SULFIDE ON THE GROWTH OF THREE SALT MARSH HALOPHYTES OF THE SOUTHEASTERN UNITED STATES 1989 , 76, 1707		22
93	Spatial and temporal variation in microcystin occurrence in wadeable streams in the southeastern United States. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2281-7	3.8	21
92	Pre/post-closure assessment of groundwater pharmaceutical fate in a wastewater-facility-impacted stream reach. <i>Science of the Total Environment</i> , 2016 , 568, 916-925	10.2	21
91	Stable lead isotopes reveal a natural source of high lead concentrations to gasoline-contaminated groundwater. <i>Environmental Geology</i> , 2003 , 45, 12-22		21
90	Optimizing fish sampling for fish-mercury bioaccumulation factors. <i>Chemosphere</i> , 2015 , 135, 467-73	8.4	20
89	Microbial Mineralization of Ethene Under Sulfate-Reducing Conditions. <i>Bioremediation Journal</i> , 2002 , 6, 1-8	2.3	19
88	Influence of dietary carbon on mercury bioaccumulation in streams of the Adirondack Mountains of New York and the Coastal Plain of South Carolina, USA. <i>Ecotoxicology</i> , 2013 , 22, 60-71	2.9	18
87	Flood hydrology and methylmercury availability in coastal plain rivers. <i>Environmental Science & Technology</i> , 2010 , 44, 9285-90	10.3	18
86	Rediversion salinity change in the Cooper River, South Carolina: Ecological implications. <i>Estuaries and Coasts</i> , 1990 , 13, 373		18
85	Multi-region assessment of pharmaceutical exposures and predicted effects in USA wadeable urban-gradient streams. <i>PLoS ONE</i> , 2020 , 15, e0228214	3.7	17
84	Widespread occurrence and potential for biodegradation of bioactive contaminants in Congaree National Park, USA. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 3045-3056	3.8	17
83	Assessment of natural attenuation of aromatic hydrocarbons in groundwater near a former manufactured-gas plant, South Carolina, USA. <i>Environmental Geology</i> , 1998 , 34, 279-292		17
82	Influence of Environmental Factors on Denitrification in Sediment Contaminated with JP-4 Jet Fuel. <i>Ground Water</i> , 1992 , 30, 843-848	2.4	17
81	Effect of Light on Biodegradation of Estrone, 17 β -Estradiol, and 17 β -Ethinylestradiol in Stream Sediment. <i>Journal of the American Water Resources Association</i> , 2014 , 50, 334-342	2.1	16
80	Effect of Hydrologic and Geochemical Conditions on Oxygen-Enhanced Bioremediation in a Gasoline-Contaminated Aquifer. <i>Bioremediation Journal</i> , 2003 , 7, 165-177	2.3	15
79	Chloroethene biodegradation in sediments at 4 degrees C. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 6414-7	4.8	15
78	Influence of Pb on microbial activity in Pb-contaminated soils. <i>Soil Biology and Biochemistry</i> , 1993 , 25, 1465-1466	7.5	15
77	Selecting Remediation Goals by Assessing the Natural Attenuation Capacity of Groundwater Systems. <i>Bioremediation Journal</i> , 1998 , 2, 227-238	2.3	15

76	Lack of Correlation between Organic Acid Concentrations and Predominant Electron-Accepting Processes in a Contaminated Aquifer. <i>Environmental Science & Technology</i> , 1997 , 31, 1416-1418	10.3	14
75	Anoxic Mineralization: Environmental Reality or Experimental Artifact?. <i>Ground Water Monitoring and Remediation</i> , 2008 , 28, 47-49	1.4	14
74	The Fate of Haloacetic Acids and Trihalomethanes in an Aquifer Storage and Recovery Program, Las Vegas, Nevada. <i>Ground Water</i> , 2000 , 38, 605-614	2.4	14
73	Design and methods of the Southeast Stream Quality Assessment (SESQA), 2014. <i>US Geological Survey Open-File Report</i> ,		14
72	Biodegradation of Chlorinated Ethenes. <i>SERDP and ESTCP Remediation Technology Monograph Series</i> , 2010 , 39-67		14
71	Aerobic biodegradation potential of endocrine-disrupting chemicals in surface-water sediment at Rocky Mountain National Park, USA. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 1087-96	3.8	13
70	Shallow groundwater mercury supply in a Coastal Plain stream. <i>Environmental Science & Technology</i> , 2012 , 46, 7503-11	10.3	13
69	Intra- and inter-basin mercury comparisons: Importance of basin scale and time-weighted methylmercury estimates. <i>Environmental Pollution</i> , 2013 , 172, 42-52	9.3	13
68	EFFECTS OF SULFIDE ON THE GROWTH OF THREE SALT MARSH HALOPHYTES OF THE SOUTHEASTERN UNITED STATES. <i>American Journal of Botany</i> , 1989 , 76, 1707-1713	2.7	13
67	Machine Learning Models of Arsenic in Private Wells Throughout the Conterminous United States As a Tool For Exposure Assessment in Human Health Studies. <i>Environmental Science & Technology</i> , 2021 , 55, 5012-5023	10.3	13
66	Reinterpreting the Importance of Oxygen-Based Biodegradation in Chloroethene-Contaminated Groundwater. <i>Ground Water Monitoring and Remediation</i> , 2011 , 31, 50-55	1.4	12
65	Flowpath Independent Monitoring of Reductive Dechlorination Potential in a Fractured Rock Aquifer. <i>Ground Water Monitoring and Remediation</i> , 2009 , 29, 46-55	1.4	12
64	Inclusion of Pesticide Transformation Products Is Key to Estimating Pesticide Exposures and Effects in Small U.S. Streams. <i>Environmental Science & Technology</i> , 2021 , 55, 4740-4752	10.3	12
63	Mixed organic and inorganic tapwater exposures and potential effects in greater Chicago area, USA. <i>Science of the Total Environment</i> , 2020 , 719, 137236	10.2	11
62	Mercury in the soil of two contrasting watersheds in the eastern United States. <i>PLoS ONE</i> , 2014 , 9, e86855	5.7	11
61	Accumulation of dechlorination daughter products: A valid metric of chloroethene biodegradation. <i>Remediation</i> , 2007 , 17, 7-22	1.8	11
60	Behavior of major and trace elements in a transient surface water/groundwater system following removal of a long-term wastewater treatment facility source. <i>Science of the Total Environment</i> , 2019 , 668, 867-880	10.2	10
59	Understanding the hydrologic impacts of wastewater treatment plant discharge to shallow groundwater: before and after plant shutdown. <i>Environmental Science: Water Research and Technology</i> , 2016 , 2, 864-874	4.2	10

58	Assessment of Endocrine-Disrupting Chemicals Attenuation in a Coastal Plain Stream Prior to Wastewater Treatment Plant Closure. <i>Journal of the American Water Resources Association</i> , 2014 , 50, 388-400	2.1	10
57	Optimizing stream water mercury sampling for calculation of fish bioaccumulation factors. <i>Environmental Science & Technology</i> , 2013 , 47, 5904-12	10.3	10
56	Effect of H2 and Redox Condition on Biotic and Abiotic MTBE Transformation. <i>Ground Water Monitoring and Remediation</i> , 2006 , 26, 74-81	1.4	10
55	Arsenate inhibition of denitrification in nitrate contaminated sediments. <i>Soil Biology and Biochemistry</i> , 1993 , 25, 1459-1462	7.5	10
54	Projected urban growth in the southeastern USA puts small streams at risk. <i>PLoS ONE</i> , 2019 , 14, e0222714	1.7	9
53	Characterizing mercury concentrations and fluxes in a Coastal Plain watershed: Insights from dynamic modeling and data. <i>Journal of Geophysical Research</i> , 2012 , 117,		9
52	Evolution of Redox Processes in Groundwater. <i>ACS Symposium Series</i> , 2011 , 581-597	0.4	9
51	Hydrologic significance of carbon monoxide concentrations in ground water. <i>Ground Water</i> , 2007 , 45, 272-80	2.4	9
50	Methylmercury-total mercury ratios in predator and primary consumer insects from Adirondack streams (New York, USA). <i>Ecotoxicology</i> , 2020 , 29, 1644-1658	2.9	7
49	Predictive Analysis Using Chemical-Gene Interaction Networks Consistent with Observed Endocrine Activity and Mutagenicity of U.S. Streams. <i>Environmental Science & Technology</i> , 2019 , 53, 8611-8620	10.3	7
48	Mercury and methylmercury stream concentrations in a Coastal Plain watershed: a multi-scale simulation analysis. <i>Environmental Pollution</i> , 2014 , 187, 182-92	9.3	7
47	An empirical approach to modeling methylmercury concentrations in an Adirondack stream watershed. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014 , 119, 1970-1984	3.7	7
46	Climate change and watershed mercury export: a multiple projection and model analysis. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 2165-74	3.8	7
45	Low-Temperature MTBE Biodegradation in Aquifer Sediments with a History of Low, Seasonal Ground Water Temperatures. <i>Ground Water Monitoring and Remediation</i> , 2006 , 26, 101-105	1.4	7
44	Does lead affect microbial metabolism in aquifer sediments under different terminal electron accepting conditions?. <i>Geomicrobiology Journal</i> , 1993 , 11, 85-94	2.5	7
43	Exposure and potential effects of pesticides and pharmaceuticals in protected streams of the US National park Service southeast region. <i>Science of the Total Environment</i> , 2020 , 704, 135431	10.2	7
42	Enhanced dichloroethene biodegradation in fractured rock under biostimulated and bioaugmented conditions 2012 , 22, 21-32		6
41	Chloroethene dechlorination in acidic groundwater: Implications for combining fenton's treatment with natural attenuation. <i>Remediation</i> , 2007 , 18, 7-19	1.8	6

40	Comment on Methane As a Product of Chloroethene Biodegradation under Methanogenic Conditions <i>Environmental Science & Technology</i> , 1999 , 33, 2302-2303	10.3	6
39	Estimated trichloroethene transformation rates due to naturally occurring biodegradation in a fractured rock aquifer 2012 , 22, 7-20		5
38	What does "water quality" mean?. <i>Ground Water</i> , 2009 , 47, 752-4	2.4	5
37	Role of Microbial Processes in Linking Sandstone Diagenesis with Organic-rich Clays. <i>Journal of Sedimentary Research</i> , 1992 , Vol. 62,	2.1	5
36	Mercury bioaccumulation studies in the National Water-Quality Assessment Program--biological data from New York and South Carolina, 2005-2009. <i>Data Series</i> ,		5
35	Chemical mixtures and environmental effects: a pilot study to assess ecological exposure and effects in streams. <i>US Geological Survey Open-File Report</i> ,		5
34	Methods used to characterize the chemical composition and biological activity of environmental waters throughout the United States, 2012-14. <i>US Geological Survey Open-File Report</i> ,		5
33	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. <i>USGS Scientific Investigations Report</i> , i-125		5
32	Public and private tapwater: Comparative analysis of contaminant exposure and potential risk, Cape Cod, Massachusetts, USA. <i>Environment International</i> , 2021 , 152, 106487	12.9	5
31	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. <i>Science of the Total Environment</i> , 2020 , 735, 139458	10.2	4
30	Cell-Based Metabolomics for Untargeted Screening and Prioritization of Vertebrate-Active Stressors in Streams Across the United States. <i>Environmental Science & Technology</i> , 2019 , 53, 9232-9240	10.3	4
29	Assessing the relative bioavailability of DOC in regional groundwater systems. <i>Ground Water</i> , 2013 , 51, 363-72	2.4	4
28	Threshold amounts of organic carbon needed to initiate reductive dechlorination in groundwater systems 2012 , 22, 19-28		4
27	Effect of atrazine on potential denitrification in aquifer sediments. <i>Soil Biology and Biochemistry</i> , 1994 , 26, 523-524	7.5	4
26	Environmental settings of streams sampled for mercury in New York and South Carolina, 2005-09. <i>US Geological Survey Open-File Report</i> ,		4
25	Multi-region assessment of chemical mixture exposures and predicted cumulative effects in USA wadeable urban/agriculture-gradient streams. <i>Science of the Total Environment</i> , 2021 , 773, 145062	10.2	4
24	Is there an urban pesticide signature? Urban streams in five U.S. regions share common dissolved-phase pesticides but differ in predicted aquatic toxicity. <i>Science of the Total Environment</i> , 2021 , 793, 148453	10.2	4
23	A simple pore water hydrogen diffusion syringe sampler. <i>Ground Water</i> , 2007 , 45, 798-802	2.4	3

22	Microbial H ₂ Cycling Does Not Affect δ H Values of Ground Water.. <i>Ground Water</i> , 2000 , 38, 376-380	2.4	3
21	Scaling up watershed model parameters: flow and load simulations of the Edisto River Basin, South Carolina, 2007-09. <i>USGS Scientific Investigations Report</i> ,		3
20	Effects-Based Monitoring of Bioactive Chemicals Discharged to the Colorado River before and after a Municipal Wastewater Treatment Plant Replacement. <i>Environmental Science & Technology</i> , 2021 , 55, 974-984	10.3	3
19	Untargeted Lipidomics for Determining Cellular and Subcellular Responses in Zebrafish () Liver Cells Following Exposure to Complex Mixtures in U.S. Streams. <i>Environmental Science & Technology</i> , 2021 , 55, 8180-8190	10.3	3
18	Effect of Wastewater Treatment Facility Closure on Endocrine Disrupting Chemicals in a Coastal Plain Stream 2016 , 26, 9-24		3
17	Feral swine as sources of fecal contamination in recreational waters. <i>Scientific Reports</i> , 2021 , 11, 4212	4.9	3
16	Reconnaissance of cumulative risk of pesticides and pharmaceuticals in Great Smoky Mountains National Park streams. <i>Science of the Total Environment</i> , 2021 , 781, 146711	10.2	3
15	Redox Conditions and the Reductive/Oxidative biodegradation of Chlorinated Ethenes in Groundwater Systems 2004 , 373-384		2
14	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. <i>Data Series</i> ,		2
13	Methods used for the collection and analysis of chemical and biological data for the Tapwater Exposure Study, United States, 2016-17. <i>US Geological Survey Open-File Report</i> ,		2
12	Simulation of streamflow in the McTier Creek watershed, South Carolina. <i>USGS Scientific Investigations Report</i> ,		2
11	Comparison of Methylmercury Production and Accumulation in Sediments of the Congaree and Edisto River Basins, South Carolina, 2004-06. <i>USGS Scientific Investigations Report</i> ,		2
10	In vitro effects-based method and water quality screening model for use in pre- and post-distribution treated waters. <i>Science of the Total Environment</i> , 2021 , 768, 144750	10.2	2
9	Nutrient enrichment in wadeable urban streams in the Piedmont Ecoregion of the Southeastern United States. <i>Heliyon</i> , 2018 , 4, e00904	3.6	2
8	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	10.2	2
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4	Temporal variability in TiO engineered particle concentrations in rural Edisto River.. <i>Chemosphere</i> , 2022 , 134091	8.4	o
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2	Response to Comment on Methane As a Product of Chloroethene Biodegradation under Methanogenic Conditions <i>Environmental Science & Technology</i> , 1999 , 33, 2304-2304	10.3	
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