Daniel Hunkeler

List of Publications by Year
in descending order

132 papers	5,898 citations	61857 43 h-index	85405 71 g-index
134 all docs	134 docs citations	134 times ranked	3550 citing authors

#	Article	IF	Citations
1	Variable 222Rn emanation rates in an alluvial aquifer: Limits on using 222Rn as a tracer of surface water â€“ Groundwater interactions. Chemical Geology, 2022, 599, 120829.	1.4	9
2	Field-scale monitoring of nitrate leaching in agriculture: assessment of three methods. Environmental Monitoring and Assessment, 2022, 194, 4.	1.3	12
3	Buried Paleoâ€Channel Detection With a Groundwater Model, Tracerâ€Based Observations, and Spatially Varying, Preferred Anisotropy Pilot Point Calibration. Geophysical Research Letters, 2022, 49, .	1.5	8
4	Low-flow behavior of alpine catchments with varying quaternary cover under current and future climatic conditions. Journal of Hydrology, 2021, 592, 125591.	2.3	20
5	A Framework for Untangling Transient Groundwater Mixing and Travel Times. Water Resources Research, 2021, 57, e2020WR028362.	1.7	21
6	In-situ sampling for krypton-85 groundwater dating. Journal of Hydrology X, 2021, 11, 100075.	0.8	3
7	Assessment of chlorinated ethenes degradation after field scale injection of activated carbon and bioamendments: Application of isotopic and microbial analyses. Journal of Contaminant Hydrology, 2021, 240, 103794.	1.6	16
8	Sorption- and diffusion-induced isotopic fractionation in chloroethenes. Science of the Total Environment, 2021, 788, 147826.	3.9	7
9	Triple-Element Compound-Specific Stable Isotope Analysis (3D-CSIA): Added Value of Cl Isotope Ratios to Assess Herbicide Degradation. Environmental Science & Technology, 2021, 55, 13891-13901.	4.6	20
10	Compound-specific carbon isotope analysis of volatile organic compounds in complex soil extracts using purge and trap concentration coupled to heart-cutting two-dimensional gas chromatographyâ€“isotope ratio mass spectrometry. Journal of Chromatography A, 2021, 1655, 462480.	1.8	3
11	Dataset for laboratory treatability experiment with activated carbon and bioamendments to enhance biodegradation of chlorinated ethenes. Data in Brief, 2021, 38, 107291.	0.5	1
12	Determination of chlorothalonil metabolites in soil and water samples. Journal of Chromatography A, 2021, 1655, 462507.	1.8	9
13	Cross-sphere modelling to evaluate impacts of climate and land management changes on groundwater resources. Science of the Total Environment, 2021, 798, 148759.	3.9	10
14	Tracking chlorinated contaminants in the subsurface using compound-specific chlorine isotope analysis: A review of principles, current challenges and applications. Chemosphere, 2020, 244, 125476.	4.2	29
15	Characterizing seasonal groundwater storage in alpine catchments using timeâ€lapse gravimetry, water stable isotopes and water balance methods. Hydrological Processes, 2020, 34, 4319-4333.	1.1	18
16	Lithological and Tectonic Control on Groundwater Contribution to Stream Discharge During Low-Flow Conditions. Water (Switzerland), 2020, 12, 821.	1.2	14
17	Influence of surface water â€“ groundwater interactions on the spatial distribution of pesticide metabolites in groundwater. Science of the Total Environment, 2020, 733, 139109.	3.9	44
18	Snow cover monitoring by remote sensing and evaluating melting water effects on karstic springs discharges (a case study from Lasem area). Carbonates and Evaporites, 2020, 35, 1.	0.4	1

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19	Dual-Element Isotope Analysis of Desphenylchloridazon to Investigate Its Environmental Fate in a Systematic Field Study: A Long-Term Lysimeter Experiment. Environmental Science & Technology, 2020, 54, 3929-3939.	4.6	14
20	Controls on the persistence of aqueous-phase groundwater contaminants in the presence of reactive back-diffusion. Science of the Total Environment, 2020, 722, 137749.	3.9	9
21	Compound-specific chlorine isotope fractionation in biodegradation of atrazine. Environmental Sciences: Processes and Impacts, 2020, 22, 792-801.	1.7	17
22	Compound-Specific Chlorine Isotope Analysis of the Herbicides Atrazine, Acetochlor, and Metolachlor. Analytical Chemistry, 2019, 91, 14290-14298.	3.2	18
23	Chlorinated ethene plume evolution after source thermal remediation: Determination of degradation rates and mechanisms. Journal of Contaminant Hydrology, 2019, 227, 103551.	1.6	12
24	¹³C- and ¹⁵N-Isotope Analysis of Desphenylchloridazon by Liquid Chromatographyâ€“Isotope-Ratio Mass Spectrometry and Derivatization Gas Chromatographyâ€“Isotope-Ratio Mass Spectrometry. Analytical Chemistry, 2019, 91, 3412-3420.	3.2	18
25	Solid-phase extraction method for stable isotope analysis of pesticides from large volume environmental water samples. Analyst, The, 2019, 144, 2898-2908.	1.7	42
26	COMPEST, a PEST-COMSOL interface for inverse multiphysics modelling: Development and application to isotopic fractionation of groundwater contaminants. Computers and Geosciences, 2019, 126, 107-119.	2.0	8
27	Groundwater Storage in High Alpine Catchments and Its Contribution to Streamflow. Water Resources Research, 2019, 55, 2613-2630.	1.7	56
28	Laboratory and numerical study of hyporheic flow-mediated DNAPL dissolution in karst conduits. Hydrogeology Journal, 2019, 27, 335-343.	0.9	3
29	Isotope fractionation due to aqueous phase diffusion â€“ What do diffusion models and experiments tell? â€“ A review. Chemosphere, 2019, 219, 1032-1043.	4.2	20
30	Identification, spatial extent and distribution of fugitive gas migration on the well pad scale. Science of the Total Environment, 2019, 652, 356-366.	3.9	37
31	AvaliaÃ§Ã£o isotÃ³pica e hidrogeoquÃmica de nascentes que descarregam de aquÃferos cÃ¡rsticos de Alta altitude no Parque Nacional de Lar, norte do IrÃ£. Hydrogeology Journal, 2019, 27, 655-667.	0.9	13
32	Exploring Geological and Topographical Controls on Low Flows with Hydrogeological Models. Ground Water, 2019, 57, 48-62.	0.7	17
33	Your work is my boundary condition!. Journal of Hydrology, 2019, 571, 235-243.	2.3	33
34	Assessing the effect of chlorinated hydrocarbon degradation in aquitards on plume persistence due to back-diffusion. Science of the Total Environment, 2018, 633, 1602-1612.	3.9	26
35	Vitamin B12 effects on chlorinated methanes-degrading microcosms: Dual isotope and metabolically active microbial populations assessment. Science of the Total Environment, 2018, 621, 1615-1625.	3.9	16
36	Adsorbing vs. Nonadsorbing Tracers for Assessing Pesticide Transport in Arable Soils. Vadose Zone Journal, 2018, 17, 1-18.	1.3	11

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37	Modelling of C/Cl isotopic behaviour during chloroethene biotic reductive dechlorination: Capabilities and limitations of simplified and comprehensive models. PLoS ONE, 2018, 13, e0202416.	1.1	5
38	Application of Diagnostic Tools to Evaluate Remediation Performance at Petroleum Hydrocarbonâ€Impacted Sites. Ground Water Monitoring and Remediation, 2018, 38, 88-98.	0.6	15
39	Geology controls streamflow dynamics. Journal of Hydrology, 2018, 566, 756-769.	2.3	52
40	Using environmental tracers to determine the relative importance of travel times in the unsaturated and saturated zones for the delay of nitrate reduction measures. Journal of Hydrology, 2018, 561, 250-266.	2.3	15
41	Unravelling long-term source removal effects and chlorinated methanes natural attenuation processes by C and Cl stable isotopic patterns at a complex field site. Science of the Total Environment, 2018, 645, 286-296.	3.9	12
42	Infiltration under snow cover: Modeling approaches and predictive uncertainty. Journal of Hydrology, 2017, 546, 16-27.	2.3	15
43	Distinct Dual Câ€“Cl Isotope Fractionation Patterns during Anaerobic Biodegradation of 1,2-Dichloroethane: Potential To Characterize Microbial Degradation in the Field. Environmental Science & Technology, 2017, 51, 2685-2694.	4.6	34
44	Compound-Specific Chlorine Isotope Analysis of Tetrachloromethane and Trichloromethane by Gas Chromatography-Isotope Ratio Mass Spectrometry vs Gas Chromatography-Quadrupole Mass Spectrometry: Method Development and Evaluation of Precision and Trueness. Analytical Chemistry, 2017, 89, 3411-3420.	3.2	28
45	Carbon and Chlorine Isotope Fractionation Patterns Associated with Different Engineered Chloroform Transformation Reactions. Environmental Science & Technology, 2017, 51, 6174-6184.	4.6	39
46	Integrating hydrological modelling, data assimilation and cloud computing for real-time management of water resources. Environmental Modelling and Software, 2017, 93, 418-435.	1.9	53
47	Heart-cutting two-dimensional gas chromatographyâ€“isotope ratio mass spectrometry analysis of monoaromatic hydrocarbons in complex groundwater and gas-phase samples. Journal of Chromatography A, 2017, 1492, 117-128.	1.8	15
48	Optimization of the solvent-based dissolution method to sample volatile organic compound vapors for compound-specific isotope analysis. Journal of Chromatography A, 2017, 1520, 23-34.	1.8	6
49	Does sorption influence isotope ratios of chlorinated hydrocarbons under field conditions?. Applied Geochemistry, 2017, 84, 348-359.	1.4	32
50	Hydrogen Isotope Fractionation during the Biodegradation of 1,2-Dichloroethane: Potential for Pathway Identification Using a Multi-element (C, Cl, and H) Isotope Approach. Environmental Science & Technology, 2017, 51, 10526-10535.	4.6	26
51	Advancing Physicallyâ€Based Flow Simulations of Alluvial Systems Through Atmospheric Noble Gases and the Novel ³⁷Ar Tracer Method. Water Resources Research, 2017, 53, 10465-10490.	1.7	37
52	Sedimentary roles on hyporheic exchange in karst conduits at low Reynolds numbers by laboratory experiments. Hydrogeology Journal, 2017, 25, 787-798.	0.9	7
53	Contribution of alluvial groundwater to the outflow of mountainous catchments. Water Resources Research, 2016, 52, 680-697.	1.7	45
54	Quantification of Degradation of Chlorinated Hydrocarbons in Saturated Low Permeability Sediments Using Compound-Specific Isotope Analysis. Environmental Science & Technology, 2016, 50, 5622-5630.	4.6	43

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55	Use of Compound-Specific Isotope Analysis (CSIA) to Assess the Origin and Fate of Chlorinated Hydrocarbons. , 2016, , 587-617.		3
56	An integrated spatial snap-shot monitoring method for identifying seasonal changes and spatial changes in surface water quality. Journal of Hydrology, 2016, 539, 567-576.	2.3	13
57	Identification of abiotic and biotic reductive dechlorination in a chlorinated ethene plume after thermal source remediation by means of isotopic and molecular biology tools. Journal of Contaminant Hydrology, 2016, 192, 1-19.	1.6	42
58	Use of dual carbonâ€“chlorine isotope analysis to assess the degradation pathways of 1,1,1-trichloroethane in groundwater. Water Research, 2016, 92, 235-243.	5.3	34
59	The influence of model structure on groundwater recharge rates in climate-change impact studies. Hydrogeology Journal, 2016, 24, 1171-1184.	0.9	60
60	Documentation of time-scales for onset of natural attenuation in an aquifer treated by a crude-oil recovery system. Science of the Total Environment, 2015, 512-513, 62-73.	3.9	11
61	Tutorials as a flexible alternative to GUIs: An example for advanced model calibration using Pilot Points. Environmental Modelling and Software, 2015, 66, 78-86.	1.9	38
62	Carbon and chlorine isotopologue fractionation of chlorinated hydrocarbons during diffusion in water and low permeability sediments. Geochimica Et Cosmochimica Acta, 2015, 157, 198-212.	1.6	48
63	Regional water quality patterns in an alluvial aquifer: Direct and indirect influences of rivers. Journal of Contaminant Hydrology, 2014, 169, 123-131.	1.6	13
64	Carbon and Chlorine Isotope Analysis to Identify Abiotic Degradation Pathways of 1,1,1-Trichloroethane. Environmental Science & Technology, 2014, 48, 14400-14408.	4.6	44
65	Benzene Dynamics and Biodegradation in Alluvial Aquifers Affected by River Fluctuations. Ground Water, 2014, 52, 388-398.	0.7	10
66	Determination of spatiotemporal variability of tree water uptake using stable isotopes (Î´¹⁸O, Î´²H) in an alluvial system supplied by a highâ€altitude watershed, Pfyn forest, Switzerland. Ecohydrology, 2014, 7, 319-333.	1.1	70
67	Mechanistic insights into the formation of chloroform from natural organic matter using stable carbon isotope analysis. Geochimica Et Cosmochimica Acta, 2014, 125, 85-95.	1.6	16
68	Investigating Chloroperoxidase-Catalyzed Formation of Chloroform from Humic Substances Using Stable Chlorine Isotope Analysis. Environmental Science & Technology, 2014, 48, 1592-1600.	4.6	19
69	C and Cl Isotope Fractionation of 1,2-Dichloroethane Displays Unique Î´¹³C/Î´³⁷Cl Patterns for Pathway Identification and Reveals Surprising Câ€“Cl Bond Involvement in Microbial Oxidation. Environmental Science & Technology, 2014, 48, 9430-9437.	4.6	53
70	Multiple Dual Câ€“Cl Isotope Patterns Associated with Reductive Dechlorination of Tetrachloroethene. Environmental Science & Technology, 2014, 48, 9179-9186.	4.6	55
71	Stable carbon isotope analysis to distinguish biotic and abiotic degradation of 1,1,1-trichloroethane in groundwater sediments. Chemosphere, 2014, 108, 265-273.	4.2	17
72	Solvent-based dissolution method to sample gas-phase volatile organic compounds for compound-specific isotope analysis. Journal of Chromatography A, 2014, 1325, 16-22.	1.8	10

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73	Hyporheic exchange in a karst conduit and sediment system â€“ A laboratory analog study. Journal of Hydrology, 2013, 501, 125-132.	2.3	19
74	Can Soil Gas VOCs be Related to Groundwater Plumes Based on Their Isotope Signature?. Environmental Science & Technology, 2013, 47, 12115-12122.	4.6	22
75	Direct-push multilevel sampling system for unconsolidated aquifers. Hydrogeology Journal, 2013, 21, 1901-1908.	0.9	8
76	Identification of chlorinated solvents degradation zones in clay till by high resolution chemical, microbial and compound specific isotope analysis. Journal of Contaminant Hydrology, 2013, 146, 37-50.	1.6	66
77	Chlorine and Carbon Isotopes Fractionation during Volatilization and Diffusive Transport of Trichloroethene in the Unsaturated Zone. Environmental Science & Technology, 2012, 46, 3169-3176.	4.6	50
78	Demonstrating a Natural Origin of Chloroform in Groundwater Using Stable Carbon Isotopes. Environmental Science & Technology, 2012, 46, 6096-6101.	4.6	51
79	Current challenges in compound-specific stable isotope analysis of environmental organic contaminants. Analytical and Bioanalytical Chemistry, 2012, 403, 2471-2491.	1.9	234
80	Multiphase Transport of Tritium in Unsaturated Porous Mediaâ€"Bare and Vegetated Soils. Mathematical Geosciences, 2012, 44, 187-208.	1.4	4
81	RevisiÃ³n: De una conceptualizaciÃ³n multiescala a un sistema de clasificaciÃ³n para ecosistemas dependientes de agua subterrÃ¡nea interior. Hydrogeology Journal, 2012, 20, 5-25.	0.9	90
82	Intrinsic biodegradation potential of aromatic hydrocarbons in an alluvial aquifer â€“ Potentials and limits of signature metabolite analysis and two stable isotope-based techniques. Water Research, 2011, 45, 4459-4469.	5.3	34
83	Compound-Specific Chlorine Isotope Analysis: A Comparison of Gas Chromatography/Isotope Ratio Mass Spectrometry and Gas Chromatography/Quadrupole Mass Spectrometry Methods in an Interlaboratory Study. Analytical Chemistry, 2011, 83, 7624-7634.	3.2	101
84	Carbon and Chlorine Isotope Ratios of Chlorinated Ethenes Migrating through a Thick Unsaturated Zone of a Sandy Aquifer. Environmental Science & Technology, 2011, 45, 8247-8253.	4.6	38
85	Anaerobic Degradation of Vinyl Chloride in Aquifer Microcosms. Journal of Environmental Quality, 2011, 40, 915-922.	1.0	6
86	Analytical modelling of stable isotope fractionation of volatile organic compounds in the unsaturated zone. Journal of Contaminant Hydrology, 2011, 119, 44-54.	1.6	21
87	Assessing chlorinated ethene degradation in a large scale contaminant plume by dual carbonâ€“chlorine isotope analysis and quantitative PCR. Journal of Contaminant Hydrology, 2011, 119, 69-79.	1.6	70
88	Complementing approaches to demonstrate chlorinated solvent biodegradation in a complex pollution plume: Mass balance, PCR and compound-specific stable isotope analysis. Journal of Contaminant Hydrology, 2011, 126, 315-329.	1.6	28
89	Radon and CO2 as natural tracers to investigate the recharge dynamics of karst aquifers. Journal of Hydrology, 2011, 406, 148-157.	2.3	32
90	The effects of geological heterogeneities and piezometric fluctuations on groundwater flow and chemistry in a hard-rock aquifer, southern India. Hydrogeology Journal, 2011, 19, 1189-1201.	0.9	48

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91	Comments on â€œAnalytical modelling of fringe and core biodegradation in groundwater plumes.â€•by Gutierrez-Neri et al. in J. Contam. Hydrol. 107: 1â€“9. Journal of Contaminant Hydrology, 2010, 117, 1-6.	1.6	4
92	Differential Transport of Atrazine and Glyphosate in Undisturbed Sandy Soil Column. Soil and Sediment Contamination, 2010, 19, 365-377.	1.1	12
93	Effect of molecule size on carbon isotope fractionation during biodegradation of chlorinated alkanes byXanthobacter autotrophicusGJ10. Isotopes in Environmental and Health Studies, 2009, 45, 18-26.	0.5	15
94	Quantification of biodegradation for o-xylene and naphthalene using first order decay models, Michaelisâ€“Menten kinetics and stable carbon isotopes. Journal of Contaminant Hydrology, 2009, 105, 118-130.	1.6	43
95	Evaluating the fate of chlorinated ethenes in streambed sediments by combining stable isotope, geochemical and microbial methods. Journal of Contaminant Hydrology, 2009, 107, 10-21.	1.6	70
96	Benzene dispersion and natural attenuation in an alluvial aquifer with strong interactions with surface water. Journal of Hydrology, 2009, 369, 305-317.	2.3	25
97	Modeling Chlorine Isotope Trends during Sequential Transformation of Chlorinated Ethenes. Environmental Science & Technology, 2009, 43, 6750-6756.	4.6	70
98	Carbon and Chlorine Isotope Fractionation during Aerobic Oxidation and Reductive Dechlorination of Vinyl Chloride and cis-1,2-Dichloroethene. Environmental Science & Technology, 2009, 43, 101-107.	4.6	133
99	Isotope Fractionation during Transformation Processes. , 2009, , 79-125.		2
100	Stable Isotope Fractionation of Gases and Contaminant Vapors in the Unsaturated Zone. , 2009, , 293-324.		0
101	Investigating the Origin and Fate of Organic Contaminants in Groundwater Using Stable Isotope Analysis. , 2009, , 249-291.		3
102	Carbon isotope fractionation during aerobic biodegradation of n-alkanes and aromatic compounds in unsaturated sand. Organic Geochemistry, 2008, 39, 23-33.	0.9	37
103	Evaluating Chlorine Isotope Effects from Isotope Ratios and Mass Spectra of Polychlorinated Molecules. Analytical Chemistry, 2008, 80, 4731-4740.	3.2	50
104	Carbon Isotope Fractionation during Diffusion and Biodegradation of Petroleum Hydrocarbons in the Unsaturated Zone: Field Experiment at VÃ¦rlÃ¸se Airbase, Denmark, and Modeling. Environmental Science & Technology, 2008, 42, 596-601.	4.6	67
105	Carbon Isotope Fractionation During Volatilization of Petroleum Hydrocarbons and Diffusion Across a Porous Medium: A Column Experiment. Environmental Science & Technology, 2008, 42, 7801-7806.	4.6	67
106	Deposition, persistence and turnover of pollutants: First results from the EU project AquaTerra for selected river basins and aquifers. Science of the Total Environment, 2007, 376, 40-50.	3.9	59
107	Groundwaterâ€“surface water interaction and its role on TCE groundwater plume attenuation. Journal of Contaminant Hydrology, 2007, 91, 203-232.	1.6	69
108	Does the Rayleigh Equation Apply to Evaluate Field Isotope Data in Contaminant Hydrogeology?. Environmental Science & Technology, 2006, 40, 1588-1596.	4.6	126

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109	Review: Microbial biocenoses in pristine aquifers and an assessment of investigative methods. Hydrogeology Journal, 2006, 14, 926-941.	0.9	173
110	A New Concept Linking Observable Stable Isotope Fractionation to Transformation Pathways of Organic Pollutants. Environmental Science & Technology, 2005, 39, 6896-6916.	4.6	486
111	Quantification of Sequential Chlorinated Ethene Degradation by Use of a Reactive Transport Model Incorporating Isotope Fractionation. Environmental Science & Technology, 2005, 39, 4189-4197.	4.6	89
112	Assessment of Degradation Pathways in an Aquifer with Mixed Chlorinated Hydrocarbon Contamination Using Stable Isotope Analysis. Environmental Science & Technology, 2005, 39, 5975-5981.	4.6	116
113	Effect of source variability and transport processes on carbon isotope ratios of TCE and PCE in two sandy aquifers. Journal of Contaminant Hydrology, 2004, 74, 265-282.	1.6	106
114	Geochemical influences on H40/1 bacteriophage inactivation in glaciofluvial sands. Environmental Geology, 2004, 45, 504-517.	1.2	14
115	Investigation of virus attenuation mechanisms in a fluvioglacial sand using column experiments. FEMS Microbiology Ecology, 2004, 49, 83-95.	1.3	12
116	Monitoring Oxidation of Chlorinated Ethenes by Permanganate in Groundwater Using Stable Isotopes:Â Laboratory and Field Studies. Environmental Science & Technology, 2003, 37, 798-804.	4.6	66
117	Isotopic and Geochemical Assessment of in Situ Biodegradation of Chlorinated Hydrocarbons. Environmental Science & Technology, 2003, 37, 4205-4212.	4.6	37
118	Quantification of Isotope Fractionation in Experiments with Deuterium-Labeled Substrate. Applied and Environmental Microbiology, 2002, 68, 5205-5207.	1.4	25
119	Carbon Isotopes as a Tool To Evaluate the Origin and Fate of Vinyl Chloride:Â Laboratory Experiments and Modeling of Isotope Evolution. Environmental Science & Technology, 2002, 36, 3378-3384.	4.6	89
120	Engineered and subsequent intrinsic in situ bioremediation of a diesel fuel contaminated aquifer. Journal of Contaminant Hydrology, 2002, 59, 231-245.	1.6	27
121	Monitoring Biodegradation of Methyl tert-Butyl Ether (MTBE) Using Compound-Specific Carbon Isotope Analysis. Environmental Science & Technology, 2001, 35, 676-681.	4.6	102
122	Hydrogen and Carbon Isotope Fractionation during Aerobic Biodegradation of Benzene. Environmental Science & Technology, 2001, 35, 3462-3467.	4.6	160
123	Evidence of Substantial Carbon Isotope Fractionation among Substrate, Inorganic Carbon, and Biomass during Aerobic Mineralization of 1,2-Dichloroethane by Xanthobacter autotrophicus. Applied and Environmental Microbiology, 2000, 66, 4870-4876.	1.4	63
124	Carbon Isotope Fractionation during Microbial Dechlorination of Trichloroethene,cis-1,2-Dichloroethene, and Vinyl Chloride:Â Implications for Assessment of Natural Attenuation. Environmental Science & Technology, 2000, 34, 2768-2772.	4.6	200
125	Determination of Compound-Specific Carbon Isotope Ratios of Chlorinated Methanes, Ethanes, and Ethenes in Aqueous Samples. Environmental Science & Technology, 2000, 34, 2839-2844.	4.6	112
126	Intrinsic bioremediation of a petroleum hydrocarbon-contaminated aquifer and assessment of mineralization based on stable carbon isotopes. Biodegradation, 1999, 10, 201-217.	1.5	71

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127	Engineered in situ bioremediation of a petroleum hydrocarbon-contaminated aquifer: assessment of mineralization based on alkalinity, inorganic carbon and stable carbon isotope balances. Journal of Contaminant Hydrology, 1999, 37, 201-223.	1.6	48
128	Monitoring Microbial Dechlorination of Tetrachloroethene (PCE) in Groundwater Using Compound-Specific Stable Carbon Isotope Ratios:Â Microcosm and Field Studies. Environmental Science & Technology, 1999, 33, 2733-2738.	4.6	284
129	Petroleum hydrocarbon mineralization in anaerobic laboratory aquifer columns. Journal of Contaminant Hydrology, 1998, 32, 41-61.	1.6	41
130	Methodology for the evaluation of engineered in situ bioremediation: lessons from a case study. Journal of Microbiological Methods, 1998, 32, 179-192.	0.7	36
131	222Rn as a Partitioning Tracer To Detect Diesel Fuel Contamination in Aquifers:Â Laboratory Study and Field Observations. Environmental Science & Technology, 1997, 31, 3180-3187.	4.6	72
132	Bioremediation of a diesel fuel contaminated aquifer: simulation studies in laboratory aquifer columns. Journal of Contaminant Hydrology, 1996, 23, 329-345.	1.6	43