

Frank E Löffler

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Ultrastructure of Organohalide-Respiring <i>Dehalococcoidia</i> Revealed by Cryo-Electron Tomography. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0190621.	1.4	6
2	Quantitative Proteomics and Quantitative PCR as Predictors of <i>cis</i> -1,2-Dichloroethene and Vinyl Chloride Reductive Dechlorination Rates in Bioaugmented Aquifer Microcosms. <i>ACS ES&T Engineering</i> , 2022, 2, 43-53.	3.7	5
3	Identification and widespread environmental distribution of a gene cassette implicated in anaerobic dichloromethane degradation. <i>Global Change Biology</i> , 2022, 28, 2396-2412.	4.2	7
4	<i>Geobacter</i> sp. Strain IAE Dihaloeliminates 1,1,2-Trichloroethane and 1,2-Dichloroethane. <i>Environmental Science & Technology</i> , 2022, 56, 3430-3440.	4.6	13
5	<i>Pseudomonas</i> sp. Strain 273 Incorporates Organofluorine into the Lipid Bilayer during Growth with Fluorinated Alkanes. <i>Environmental Science & Technology</i> , 2022, 56, 8155-8166.	4.6	10
6	Dehalogenation of Chlorinated Ethenes to Ethene by a Novel Isolate, <i>Candidatus Dehalogenimonas etheniformans</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	14
7	Complete Genome Sequence of <i>Sulfurospirillum</i> sp. Strain ACS _{DCE} , an Anaerobic Bacterium That Respires Tetrachloroethene under Acidic pH Conditions. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	4
8	Evaluation of engineered sorbents for the sorption of mercury from contaminated bank soils: a column study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 22651-22663.	2.7	3
9	Foodâ€“Energyâ€“Water Crises in the United States and China: Commonalities and Asynchronous Experiences Support Integration of Global Efforts. <i>Environmental Science & Technology</i> , 2021, 55, 1446-1455.	4.6	13
10	Respiratory Vinyl Chloride Reductive Dechlorination to Ethene in TceA-Expressing <i>Dehalococcoides mccartyi</i> . <i>Environmental Science & Technology</i> , 2021, 55, 4831-4841.	4.6	34
11	Beyond denitrification: The role of microbial diversity in controlling nitrous oxide reduction and soil nitrous oxide emissions. <i>Global Change Biology</i> , 2021, 27, 2669-2683.	4.2	57
12	Cometabolic Vinyl Chloride Degradation at Acidic pH Catalyzed by Acidophilic Methanotrophs Isolated from Alpine Peat Bogs. <i>Environmental Science & Technology</i> , 2021, 55, 5959-5969.	4.6	14
13	Anaerobic Microbial Metabolism of Dichloroacetate. <i>MBio</i> , 2021, 12, .	1.8	13
14	Metagenomic Characterization of Soil Microbial Communities in the Luquillo Experimental Forest (Puerto Rico) and Implications for Nitrogen Cycling. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0054621.	1.4	8
15	Microbial Taxonomy Run Amok. <i>Trends in Microbiology</i> , 2021, 29, 394-404.	3.5	38
16	Degradation of Adsorbed Bisphenol A by Soluble Mn(III). <i>Environmental Science & Technology</i> , 2021, 55, 13014-13023.	4.6	9
17	Biologically mediated abiotic degradation (BMAD) of bisphenol A by manganese-oxidizing bacteria. <i>Journal of Hazardous Materials</i> , 2021, 417, 125987.	6.5	28
18	Closing transdisciplinary collaboration gaps of food-energy-water nexus research. <i>Environmental Science and Policy</i> , 2021, 126, 164-167.	2.4	6

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19	Creating a Research Enterprise Framework for Transdisciplinary Networking to Address the Food-Energy-Water Nexus. <i>Engineering</i> , 2021, , .	3.2	2
20	Mineralization versus fermentation: evidence for two distinct anaerobic bacterial degradation pathways for dichloromethane. <i>ISME Journal</i> , 2020, 14, 959-970.	4.4	21
21	<i>Pseudomonas</i> sp. Strain 273 Degrades Fluorinated Alkanes. <i>Environmental Science & Technology</i> , 2020, 54, 14994-15003.	4.6	21
22	Complete Genome Sequence of <i>Sulfurospirillum</i> Strain ACS TCE , a Tetrachloroethene-Respiring Anaerobe Isolated from Contaminated Soil. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	5
23	Roadmap for naming uncultivated Archaea and Bacteria. <i>Nature Microbiology</i> , 2020, 5, 987-994.	5.9	115
24	Roles of Organohalide-Respiring <i>Dehalococcoidia</i> in Carbon Cycling. <i>MSystems</i> , 2020, 5, .	1.7	39
25	Metagenome-Guided Proteomic Quantification of Reductive Dehalogenases in the <i>Dehalococcoides mccartyi</i> -Containing Consortium SDC-9. <i>Journal of Proteome Research</i> , 2020, 19, 1812-1823.	1.8	17
26	Genome Sequence of <i>Candidatus</i> <i>Dehalogenimonas etheniformans</i> Strain GP, a Vinyl Chloride-Respiring Anaerobe. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	8
27	Targeted detection of <i>Dehalococcoides mccartyi</i> microbial protein biomarkers as indicators of reductive dechlorination activity in contaminated groundwater. <i>Scientific Reports</i> , 2019, 9, 10604.	1.6	8
28	Impact of Fixed Nitrogen Availability on <i>Dehalococcoides mccartyi</i> Reductive Dechlorination Activity. <i>Environmental Science & Technology</i> , 2019, 53, 14548-14558.	4.6	17
29	Metagenomes from Coastal Marine Sediments Give Insights into the Ecological Role and Cellular Features of <i>Loki</i> - and <i>Thorarchaeota</i> . <i>MBio</i> , 2019, 10, .	1.8	16
30	Biotic and Abiotic Dehalogenation of 1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113): Implications for Bacterial Detoxification of Chlorinated Ethenes. <i>Environmental Science & Technology</i> , 2019, 53, 11941-11948.	4.6	10
31	Common principles and best practices for engineering microbiomes. <i>Nature Reviews Microbiology</i> , 2019, 17, 725-741.	13.6	324
32	One-time nitrogen fertilization shifts switchgrass soil microbiomes within a context of larger spatial and temporal variation. <i>PLoS ONE</i> , 2019, 14, e0211310.	1.1	9
33	Viral and bacterial community responses to stimulated Fe(III) bioreduction during simulated subsurface bioremediation. <i>Environmental Microbiology</i> , 2019, 21, 2043-2055.	1.8	32
34	Comparing DNA, RNA and protein levels for measuring microbial dynamics in soil microcosms amended with nitrogen fertilizer. <i>Scientific Reports</i> , 2019, 9, 17630.	1.6	18
35	Complete Genome Sequence of <i>Dehalococcoides mccartyi</i> Strain FL2, a Trichloroethene-Respiring Anaerobe Isolated from Pristine Freshwater Sediment. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
36	Nitrous Oxide Is a Potent Inhibitor of Bacterial Reductive Dechlorination. <i>Environmental Science & Technology</i> , 2019, 53, 692-701.	4.6	16

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37	Impact of microbial iron oxide reduction on the transport of diffusible tracers and non-diffusible nanoparticles in soils. <i>Chemosphere</i> , 2019, 220, 391-402.	4.2	11
38	Proteogenomics Reveals Novel Reductive Dehalogenases and Methyltransferases Expressed during Anaerobic Dichloromethane Metabolism. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	21
39	The lower base of corrinoid small molecules regulates reductive dehalogenase enzyme function in <i>Dehalococcoides</i> species. <i>FASEB Journal</i> , 2019, 33, 784.3.	0.2	0
40	Release of Electron Donors during Thermal Treatment of Soils. <i>Environmental Science & Technology</i> , 2018, 52, 3642-3651.	4.6	9
41	Purinyl-cobamide is a native prosthetic group of reductive dehalogenases. <i>Nature Chemical Biology</i> , 2018, 14, 8-14.	3.9	58
42	Denitrification by <i>Anaeromyxobacter dehalogenans</i> , a Common Soil Bacterium Lacking the Nitrite Reductase Genes <i>nirS</i> and <i>nirK</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	80
43	Year-Round Shotgun Metagenomes Reveal Stable Microbial Communities in Agricultural Soils and Novel Ammonia Oxidizers Responding to Fertilization. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	121
44	Genomics and Ecology of Novel N ₂ O-Reducing Microorganisms. <i>Trends in Microbiology</i> , 2018, 26, 43-55.	3.5	388
45	Draft Genome Sequences of the 1,2-Dichloropropane-Respiring <i>Dehalococcoides mccartyi</i> Strains RC and KS. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	1
46	Normalized Quantitative PCR Measurements as Predictors for Ethene Formation at Sites Impacted with Chlorinated Ethenes. <i>Environmental Science & Technology</i> , 2018, 52, 13410-13420.	4.6	33
47	Phylogenomics Reveal the Dynamic Evolution of Fungal Nitric Oxide Reductases and Their Relationship to Secondary Metabolism. <i>Genome Biology and Evolution</i> , 2018, 10, 2474-2489.	1.1	44
48	Impacts of low-temperature thermal treatment on microbial detoxification of tetrachloroethene under continuous flow conditions. <i>Water Research</i> , 2018, 145, 21-29.	5.3	16
49	Dual Carbon-13 Chlorine Isotope Analysis Indicates Distinct Anaerobic Dichloromethane Degradation Pathways in Two Members of <i>Peptococcaceae</i> . <i>Environmental Science & Technology</i> , 2018, 52, 8607-8616.	4.6	29
50	Refined experimental annotation reveals conserved corrinoid autotrophy in chloroform-respiring <i>Dehalobacter</i> isolates. <i>ISME Journal</i> , 2017, 11, 626-640.	4.4	21
51	Natural Attenuation in Streambed Sediment Receiving Chlorinated Solvents from Underlying Fracture Networks. <i>Environmental Science & Technology</i> , 2017, 51, 4821-4830.	4.6	20
52	â€ˆ Candidatus <i>Dichloromethanomonas elyunquensis</i> â€™™ gen. nov., sp. nov., a dichloromethane-degrading anaerobe of the <i>Peptococcaceae</i> family. <i>Systematic and Applied Microbiology</i> , 2017, 40, 150-159.	1.2	50
53	Mutualistic interaction between dichloromethane- and chloromethane-degrading bacteria in an anaerobic mixed culture. <i>Environmental Microbiology</i> , 2017, 19, 4784-4796.	1.8	23
54	Complete Genome Sequence of <i>Dehalobacterium formicoaceticum</i> Strain DMC, a Strictly Anaerobic Dichloromethane-Degrading Bacterium. <i>Genome Announcements</i> , 2017, 5, .	0.8	19

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55	Grape pomace compost harbors organohalide-respiring <i>Dehalogenimonas</i> species with novel reductive dehalogenase genes. <i>ISME Journal</i> , 2017, 11, 2767-2780.	4.4	118
56	Organohalide Respiration with Chlorinated Ethenes under Low pH Conditions. <i>Environmental Science & Technology</i> , 2017, 51, 8579-8588.	4.6	52
57	Resilience and recovery of <i>Dehalococcoides mccartyi</i> following low pH exposure. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	26
58	Community detection in sequence similarity networks based on attribute clustering. <i>PLoS ONE</i> , 2017, 12, e0178650.	1.1	2
59	Sister <i>Dehalobacter</i> Genomes Reveal Specialization in Organohalide Respiration and Recent Strain Differentiation Likely Driven by Chlorinated Substrates. <i>Frontiers in Microbiology</i> , 2016, 7, 100.	1.5	18
60	Simplified extraction of bisphenols from bacterial culture suspensions and solid matrices. <i>Journal of Microbiological Methods</i> , 2016, 126, 35-37.	0.7	8
61	Nitrous Oxide Reduction Kinetics Distinguish Bacteria Harboring Clade I NosZ from Those Harboring Clade II NosZ. <i>Applied and Environmental Microbiology</i> , 2016, 82, 3793-3800.	1.4	140
62	A Data Mining Approach to Predict In Situ Detoxification Potential of Chlorinated Ethenes. <i>Environmental Science & Technology</i> , 2016, 50, 5181-5188.	4.6	27
63	Fate of Bisphenol A in Terrestrial and Aquatic Environments. <i>Environmental Science & Technology</i> , 2016, 50, 8403-8416.	4.6	215
64	The corrinoid cofactor of reductive dehalogenases affects dechlorination rates and extents in organohalide-respiring <i>Dehalococcoides mccartyi</i> . <i>ISME Journal</i> , 2016, 10, 1092-1101.	4.4	59
65	Detection and Diversity of Fungal Nitric Oxide Reductase Genes (<i>p450nor</i>) in Agricultural Soils. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2919-2928.	1.4	55
66	Draft Genome Sequence of a Strictly Anaerobic Dichloromethane-Degrading Bacterium. <i>Genome Announcements</i> , 2016, 4, .	0.8	13
67	Spatial and temporal dynamics of organohalide-respiring bacteria in a heterogeneous PCE/DNAPL source zone. <i>Journal of Contaminant Hydrology</i> , 2015, 182, 78-90.	1.6	18
68	Identification of 4-Hydroxycumyl Alcohol As the Major MnO ₂ -Mediated Bisphenol A Transformation Product and Evaluation of Its Environmental Fate. <i>Environmental Science & Technology</i> , 2015, 49, 6214-6221.	4.6	46
69	Response to Comment on “Environmental Fate of the Next Generation Refrigerant 2,3,3,3-Tetrafluoropropene (HFO-1234yf)”. <i>Environmental Science & Technology</i> , 2015, 49, 8265-8266.	4.6	1
70	Nitrite Control over Dissimilatory Nitrate/Nitrite Reduction Pathways in <i>Shewanella loihica</i> Strain PV-4. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3510-3517.	1.4	52
71	Denitrification versus respiratory ammonification: environmental controls of two competing dissimilatory NO ₃ ⁻ /NO ₂ ⁻ reduction pathways in <i>Shewanella loihica</i> strain PV-4. <i>ISME Journal</i> , 2015, 9, 1093-1104.	4.4	184
72	4-Methylphenol produced in freshwater sediment microcosms is not a bisphenol A metabolite. <i>Chemosphere</i> , 2014, 117, 521-526.	4.2	7

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73	Environmental Fate of the Next Generation Refrigerant 2,3,3,3-Tetrafluoropropene (HFO-1234yf). <i>Environmental Science & Technology</i> , 2014, 48, 13181-13187.	4.6	34
74	Identification and Environmental Distribution of <i>dcpA</i> , Which Encodes the Reductive Dehalogenase Catalyzing the Dichloroelimination of 1,2-Dichloropropane to Propene in Organohalide-Respiring <i>Chloroflexi</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 808-818.	1.4	43
75	Refined <i>NrfA</i> Phylogeny Improves PCR-Based <i>nrfA</i> Gene Detection. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2110-2119.	1.4	186
76	Distribution of Organohalide-Respiring Bacteria between Solid and Aqueous Phases. <i>Environmental Science & Technology</i> , 2014, 48, 10878-10887.	4.6	17
77	Uranium isotopic fractionation factors during U(VI) reduction by bacterial isolates. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 136, 100-113.	1.6	112
78	Bioaugmentation with Distinct <i>Dehalobacter</i> Strains Achieves Chloroform Detoxification in Microcosms. <i>Environmental Science & Technology</i> , 2014, 48, 1851-1858.	4.6	52
79	Chlorine Isotope Effects from Isotope Ratio Mass Spectrometry Suggest Intramolecular C-Cl Bond Competition in Trichloroethene (TCE) Reductive Dehalogenation. <i>Molecules</i> , 2014, 19, 6450-6473.	1.7	43
80	Microbially enhanced dissolution and reductive dechlorination of PCE by a mixed culture: Model validation and sensitivity analysis. <i>Journal of Contaminant Hydrology</i> , 2013, 151, 117-130.	1.6	14
81	Environmental proteomics reveals early microbial community responses to biostimulation at a uranium- and nitrate-contaminated site. <i>Proteomics</i> , 2013, 13, 2921-2930.	1.3	71
82	<i>Dehalococcoides mccartyi</i> gen. nov., sp. nov., obligately organohalide-respiring anaerobic bacteria relevant to halogen cycling and bioremediation, belong to a novel bacterial class, <i>Dehalococcoidia</i> classis nov., order <i>Dehalococcoidales</i> ord. nov. and family <i>Dehalococcoidaceae</i> fam. nov., within the phylum <i>Chloroflexi</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 625-635.	0.8	502
83	<i>Dehalococcoides</i> and Reductive Dechlorination of Chlorinated Solvents. , 2013, , 39-88.		42
84	Design and Application of an Internal Amplification Control to Improve <i>Dehalococcoides mccartyi</i> 16S rRNA Gene Enumeration by qPCR. <i>Environmental Science & Technology</i> , 2013, 47, 11131-11138.	4.6	22
85	Interference of ferric ions with ferrous iron quantification using the ferrozine assay. <i>Journal of Microbiological Methods</i> , 2013, 95, 366-367.	0.7	26
86	Guided cobalamin biosynthesis supports <i>Dehalococcoides mccartyi</i> reductive dechlorination activity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120320.	1.8	124
87	Overview of organohalide-respiring bacteria and a proposal for a classification system for reductive dehalogenases. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120322.	1.8	266
88	<i>Shewanella</i> spp. Use Acetate as an Electron Donor for Denitrification but Not Ferric Iron or Fumarate Reduction. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2818-2822.	1.4	43
89	Functional Characterization of Reductive Dehalogenases by Using Blue Native Polyacrylamide Gel Electrophoresis. <i>Applied and Environmental Microbiology</i> , 2013, 79, 974-981.	1.4	90
90	Dichloromethane Fermentation by a <i>Dehalobacter</i> sp. in an Enrichment Culture Derived from Pristine River Sediment. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1288-1291.	1.4	80

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91	Unexpected Specificity of Interspecies Cobamide Transfer from <i>Geobacter</i> spp. to Organohalide-Respiring <i>Dehalococcoides mccartyi</i> Strains. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6630-6636.	1.4	123
92	Quantitative real-time PCR (qPCR) detection chemistries affect enumeration of the <i>Dehalococcoides</i> 16S rRNA gene in groundwater. <i>Journal of Microbiological Methods</i> , 2012, 88, 263-270.	0.7	33
93	Genomic determinants of organohalide-respiration in <i>Geobacter lovleyi</i> , an unusual member of the <i>Geobacteraceae</i> . <i>BMC Genomics</i> , 2012, 13, 200.	1.2	76
94	<i>Sphaerochaeta globosa</i> gen. nov., sp. nov. and <i>Sphaerochaeta pleomorpha</i> sp. nov., free-living, spherical spirochaetes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 210-216.	0.8	108
95	Comparative <i>c</i> -type cytochrome expression analysis in <i>Shewanella oneidensis</i> strain MR-1 and <i>Anaeromyxobacter dehalogenans</i> strain 2CP-C grown with soluble and insoluble oxidized metal electron acceptors. <i>Biochemical Society Transactions</i> , 2012, 40, 1204-1210.	1.6	19
96	Unexpected nondenitrifier nitrous oxide reductase gene diversity and abundance in soils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19709-19714.	3.3	502
97	Effects of Elevated Temperature on <i>Dehalococcoides</i> Dechlorination Performance and DNA and RNA Biomarker Abundance. <i>Environmental Science & Technology</i> , 2011, 45, 712-718.	4.6	46
98	Quantifying the Effects of 1,1,1-Trichloroethane and 1,1-Dichloroethane on Chlorinated Ethene Reductive Dehalogenases. <i>Environmental Science & Technology</i> , 2011, 45, 9693-9702.	4.6	41
99	Liquid-Liquid Mass Transfer of Partitioning Electron Donors in Chlorinated Solvent Source Zones. <i>Environmental Science & Technology</i> , 2011, 45, 1547-1554.	4.6	8
100	Solution and Microbial Controls on the Formation of Reduced U(IV) Species. <i>Environmental Science & Technology</i> , 2011, 45, 8336-8344.	4.6	123
101	Stable Carbon Isotope Enrichment Factors for <i>cis</i> -1,2-Dichloroethene and Vinyl Chloride Reductive Dechlorination by <i>Dehalococcoides</i> . <i>Environmental Science & Technology</i> , 2011, 45, 2951-2957.	4.6	28
102	Electron donor availability for microbial reductive processes following thermal treatment. <i>Water Research</i> , 2011, 45, 6625-6636.	5.3	18
103	Characterization of microbial community structure and population dynamics of tetrachloroethene-dechlorinating tidal mudflat communities. <i>Biodegradation</i> , 2011, 22, 687-698.	1.5	27
104	Unique Ecophysiology among U(VI)-Reducing Bacteria as Revealed by Evaluation of Oxygen Metabolism in <i>Anaeromyxobacter dehalogenans</i> Strain 2CP-C. <i>Applied and Environmental Microbiology</i> , 2010, 76, 176-183.	1.4	18
105	U(VI) Reduction to Mononuclear U(IV) by <i>Desulfitobacterium</i> Species. <i>Environmental Science & Technology</i> , 2010, 44, 4705-4709.	4.6	161
106	Comparing On-Site to Off-Site Biomass Collection for <i>Dehalococcoides</i> Biomarker Gene Quantification To Predict in Situ Chlorinated Ethene Detoxification Potential. <i>Environmental Science & Technology</i> , 2010, 44, 5127-5133.	4.6	44
107	Fate of TCE in Heated Fort Lewis Soil. <i>Environmental Science & Technology</i> , 2009, 43, 909-914.	4.6	17
108	Diversity and Distribution of <i>Anaeromyxobacter</i> Strains in a Uranium-Contaminated Subsurface Environment with a Nonuniform Groundwater Flow. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3679-3687.	1.4	44

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109	Electron donorâ€dependent radionuclide reduction and nanoparticle formation by <i>Anaeromyxobacter dehalogenans</i> strain 2CPâ€C. <i>Environmental Microbiology</i> , 2009, 11, 534-543.	1.8	49
110	Stable Carbon Isotope Fractionation of 1,2-Dichloropropane during Dichloroelimination by <i>Dehalococcoides</i> Populations. <i>Environmental Science & Technology</i> , 2009, 43, 6915-6919.	4.6	32
111	Spatial and Temporal Distributions of <i>Geobacter lovleyi</i> and <i>Dehalococcoides</i> spp. during Bioenhanced PCE-NAPL Dissolution. <i>Environmental Science & Technology</i> , 2009, 43, 1977-1985.	4.6	59
112	Microbial Colonization of an In Situ Sediment Cap and Correlation to Stratified Redox Zones. <i>Environmental Science & Technology</i> , 2009, 43, 66-74.	4.6	48
113	Optimization of three FISH procedures for in situ detection of anaerobic ammonium oxidizing bacteria in biological wastewater treatment. <i>Journal of Microbiological Methods</i> , 2009, 78, 119-126.	0.7	41
114	Localized Plasticity in the Streamlined Genomes of Vinyl Chloride Respiring <i>Dehalococcoides</i> . <i>PLoS Genetics</i> , 2009, 5, e1000714.	1.5	162
115	Microbial activity and distribution during enhanced contaminant dissolution from a NAPL source zone. <i>Water Research</i> , 2008, 42, 2963-2974.	5.3	53
116	Oxygen Effect on <i>Dehalococcoides</i> Viability and Biomarker Quantification. <i>Environmental Science & Technology</i> , 2008, 42, 5718-5726.	4.6	93
117	Graphite Electrode as a Sole Electron Donor for Reductive Dechlorination of Tetrachlorethene by <i>Geobacter lovleyi</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 5943-5947.	1.4	240
118	Resolution of Culture <i>Clostridium bifermentans</i> DPH-1 into Two Populations, a <i>Clostridium</i> sp. and Tetrachloroethene-Dechlorinating <i>Desulfitobacterium hafniense</i> Strain JH1. <i>Applied and Environmental Microbiology</i> , 2008, 74, 6141-6143.	1.4	25
119	The Mosaic Genome of <i>Anaeromyxobacter dehalogenans</i> Strain 2CP-C Suggests an Aerobic Common Ancestor to the Delta-Proteobacteria. <i>PLoS ONE</i> , 2008, 3, e2103.	1.1	130
120	Detection and Quantification of <i>Geobacter lovleyi</i> Strain SZ: Implications for Bioremediation at Tetrachloroethene- and Uranium-Impacted Sites. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6898-6904.	1.4	52
121	The <i>Dehalococcoides</i> Population in Sediment-Free Mixed Cultures Metabolically Dechlorinates the Commercial Polychlorinated Biphenyl Mixture Aroclor 1260. <i>Applied and Environmental Microbiology</i> , 2007, 73, 2513-2521.	1.4	140
122	Experimental Evaluation and Mathematical Modeling of Microbially Enhanced Tetrachloroethene (PCE) Dissolution. <i>Environmental Science & Technology</i> , 2007, 41, 963-970.	4.6	84
123	Comparative Analysis of Three Tetrachloroethene to Ethene Halorespiring Consortia Suggests Functional Redundancy. <i>Environmental Science & Technology</i> , 2007, 41, 2261-2269.	4.6	46
124	Effects of the Nonionic Surfactant Tween 80 on Microbial Reductive Dechlorination of Chlorinated Ethenes. <i>Environmental Science & Technology</i> , 2007, 41, 1710-1716.	4.6	38
125	Hexavalent uranium supports growth of <i>Anaeromyxobacter dehalogenans</i> and <i>Geobacter</i> spp. with lower than predicted biomass yields. <i>Environmental Microbiology</i> , 2007, 9, 2885-2893.	1.8	67
126	Environmental distribution of the trichloroethene reductive dehalogenase gene (<i>tceA</i>) suggests lateral gene transfer among <i>Dehalococcoides</i> . <i>FEMS Microbiology Ecology</i> , 2007, 59, 206-214.	1.3	51

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