

An Evaluation of Compound-Specific Isotope Analyses for MTBE at Port Hueneme, CA

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Isotopic Fractionation of Methyl <i>t</i> -Butyl Ether Suggests Different Initial Reaction Mechanisms during Aerobic Biodegradation. <i>Environmental Science & Technology</i> , 2009, 43, 2793-2799.	4.6	50
2	Assessment of MTBE biodegradation pathways by two-dimensional isotope analysis in mixed bacterial consortia under different redox conditions. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 309-317.	1.7	20
3	Spatial Variation in MTBE Biodegradation Activity of Aquifer Solids Samples Collected in the Vicinity of a Flow-through Aerobic Biobarrier. <i>Ground Water Monitoring and Remediation</i> , 2010, 30, 63-72.	0.6	3
4	Elucidating MTBE degradation in a mixed consortium using a multidisciplinary approach. <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	1.3	47
5	Mixing effects on apparent reaction rates and isotope fractionation during denitrification in a heterogeneous aquifer. <i>Water Resources Research</i> , 2010, 46, .	1.7	121
6	Evaluation of the Effects of Low Oxygen Concentration on Stable Isotope Fractionation during Aerobic MTBE Biodegradation. <i>Environmental Science & Technology</i> , 2010, 44, 309-315.	4.6	29
7	Stable isotope fractionation to investigate natural transformation mechanisms of organic contaminants: principles, prospects and limitations. <i>Journal of Environmental Monitoring</i> , 2010, 12, 2005.	2.1	303
8	Stable carbon and hydrogen isotope analysis of methyl <i>t</i> -butyl ether and <i>t</i> -amyl methyl ether by purge and trap-gas chromatography-isotope ratio mass spectrometry: Method evaluation and application. <i>Journal of Environmental Monitoring</i> , 2010, 12, 347-354.	2.1	14
9	Assessment of MTBE biodegradation in contaminated groundwater using ¹³ C and ¹⁴ C analysis: Field and laboratory microcosm studies. <i>Applied Geochemistry</i> , 2011, 26, 828-837.	1.4	15
10	Linking Low-Level Stable Isotope Fractionation to Expression of the Cytochrome P450 Monooxygenase-Encoding <i>ethB</i> Gene for Elucidation of Methyl <i>t</i> -Butyl Ether Biodegradation in Aerated Treatment Pond Systems. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1086-1096.	1.4	33
11	Applications of Stable Isotopes in Hydrocarbon Exploration and Environmental Forensics. <i>Advances in Isotope Geochemistry</i> , 2012, , 639-677.	1.4	7
12	Critical Evaluation of the 2D-CSIA Scheme for Distinguishing Fuel Oxygenate Degradation Reaction Mechanisms. <i>Environmental Science & Technology</i> , 2012, 46, 4757-4766.	4.6	36
13	Carbon Isotope Fractionation in Reactions of 1,2-Dibromoethane with FeS and Hydrogen Sulfide. <i>Environmental Science & Technology</i> , 2012, 46, 7495-7502.	4.6	17
14	Compound-specific isotope analysis for aerobic biodegradation of phthalate acid esters. <i>Talanta</i> , 2012, 97, 445-449.	2.9	15
15	Field applicability of Compound-Specific Isotope Analysis (CSIA) for characterization and quantification of in situ contaminant degradation in aquifers. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 1401-1421.	1.7	67
16	Application of stable isotope ratio analysis for biodegradation monitoring in groundwater. <i>Current Opinion in Biotechnology</i> , 2013, 24, 542-549.	3.3	25
17	Behavior of stable carbon isotope of phthalate acid esters during photolysis under ultraviolet irradiation. <i>Chemosphere</i> , 2013, 92, 1557-1562.	4.2	14
18	Bioaugmentation for MTBE Remediation. , 2013, , 289-312.		0

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19	Overview of technologies for removal of methyl tert-butyl ether (MTBE) from water. Science of the Total Environment, 2014, 476-477, 415-433.	3.9	91
20	Fate of Nutrients in Shallow Groundwater Receiving Treated Septage, Malibu, CA. Ground Water, 2014, 52, 218-233.	0.7	11
21	Application of Stable Isotopes and Radioisotopes in Environmental Forensics. , 2015, , 395-455.		3
22	Monitoring In Situ Biodegradation of ¹³C/ ¹²C Specific Stable Carbon Isotope Analysis. Ground Water Monitoring and Remediation, 2016, 36, 62-70.	0.6	5
23	New insight into advection of organic contaminate plume at drain outlet areas. Environmental Nanotechnology, Monitoring and Management, 2016, 6, 76-82.	1.7	0
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25	Dehalogenation of $\hat{1}\pm$ -hexachlorocyclohexane by iron sulfide nanoparticles: Study of reaction mechanism with stable carbon isotopes and pH variations. Science of the Total Environment, 2021, 801, 149672.	3.9	7
26	Compound-Specific Stable Isotope Analysis (CSIA) for Evaluating Degradation of Organic Pollutants: An Overview of Field Case Studies. , 2020, , 323-360.		4
27	¹³C/ ¹²C Isotope Fractionation during Aerobic and Anaerobic Biodegradation of Naphthalene. International Journal of Geosciences, 2014, 05, 206-213.	0.2	2
28	Compound-Specific Stable Isotope Analysis (CSIA) for Evaluating Degradation of Organic Pollutants: An Overview of Field Case Studies. , 2019, , 1-39.		2
29	Humic Substance Photosensitized Degradation of Phthalate Esters Characterized by ²H and ¹³C Isotope Fractionation. Environmental Science & Technology, 2023, 57, 1930-1939.	4.6	2
30	Applications of Compound-specific Stable Isotope Analysis. , 2012, , 230-348.		0
32	r liver resection: a meta-analysis. Environmental Science and Pollution Research, 2024, mmon-path interferometric FMCW lidar.	2.7	0