

Tomasz Kuder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8051782/publications.pdf>

Version: 2024-02-01

24
papers

835
citations

623734

14
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	Enrichment of Stable Carbon and Hydrogen Isotopes during Anaerobic Biodegradation of MTBE: A Microcosm and Field Evidence. <i>Environmental Science & Technology</i> , 2005, 39, 213-220.	10.0	152
2	Use of Compound-Specific Stable Carbon Isotope Analyses To Demonstrate Anaerobic Biodegradation of MTBE in Groundwater at a Gasoline Release Site. <i>Environmental Science & Technology</i> , 2002, 36, 5139-5146.	10.0	99
3	Preservation of biomolecules in sub-fossil plants from raised peat bogs – a potential paleoenvironmental proxy. <i>Organic Geochemistry</i> , 1998, 29, 1355-1368.	1.8	77
4	Distinguishing Abiotic and Biotic Transformation of Tetrachloroethylene and Trichloroethylene by Stable Carbon Isotope Fractionation. <i>Environmental Science & Technology</i> , 2007, 41, 7094-7100.	10.0	77
5	3D-CSIA: Carbon, Chlorine, and Hydrogen Isotope Fractionation in Transformation of TCE to Ethene by a <i>Dehalococcoides</i> Culture. <i>Environmental Science & Technology</i> , 2013, 47, 9668-9677.	10.0	77
6	Effects of Volatilization on Carbon and Hydrogen Isotope Ratios of MTBE. <i>Environmental Science & Technology</i> , 2009, 43, 1763-1768.	10.0	70
7	The Use of the Isotopic Composition of Individual Compounds for Correlating Spilled Oils and Refined Products in the Environment with Suspected Sources. <i>Environmental Forensics</i> , 2002, 3, 341-348.	2.6	41
8	Application of CSIA to Distinguish Between Vapor Intrusion and Indoor Sources of VOCs. <i>Environmental Science & Technology</i> , 2011, 45, 5952-5958.	10.0	41
9	Anaerobic Biodegradation of Ethylene Dibromide and 1,2-Dichloroethane in the Presence of Fuel Hydrocarbons. <i>Environmental Science & Technology</i> , 2008, 42, 864-870.	10.0	27
10	Demonstration of Compound-Specific Isotope Analysis of Hydrogen Isotope Ratios in Chlorinated Ethenes. <i>Environmental Science & Technology</i> , 2013, 47, 1461-1467.	10.0	24
11	Modeling 3D-CSIA data: Carbon, chlorine, and hydrogen isotope fractionation during reductive dechlorination of TCE to ethene. <i>Journal of Contaminant Hydrology</i> , 2017, 204, 79-89.	3.3	19
12	Stable Isotope Analysis of MTBE to Evaluate the Source of TBA in Ground Water. <i>Ground Water Monitoring and Remediation</i> , 2005, 25, 108-116.	0.8	17
13	Carbon Isotope Fractionation in Reactions of 1,2-Dibromoethane with FeS and Hydrogen Sulfide. <i>Environmental Science & Technology</i> , 2012, 46, 7495-7502.	10.0	17
14	Carbon Isotope Fractionation of 1,2-Dibromoethane by Biological and Abiotic Processes. <i>Environmental Science & Technology</i> , 2018, 52, 3440-3448.	10.0	16
15	Carbon dynamics in peat bogs: Insights from substrate macromolecular chemistry. <i>Global Biogeochemical Cycles</i> , 2001, 15, 721-727.	4.9	14
16	Do CSIA data from aquifers inform on natural degradation of chlorinated ethenes in aquitards?. <i>Journal of Contaminant Hydrology</i> , 2019, 226, 103520.	3.3	13
17	Validation of adsorbents for sample preconcentration in compound-specific isotope analysis of common vapor intrusion pollutants. <i>Journal of Chromatography A</i> , 2012, 1270, 20-27.	3.7	11
18	Degradation of 4-bromophenol by <i>Ochrobactrum</i> sp. HI1 isolated from desert soil: pathway and isotope effects. <i>Biodegradation</i> , 2019, 30, 37-46.	3.0	10

#	ARTICLE	IF	CITATIONS
19	Modern geochemical and molecular tools for monitoring in-situ biodegradation of MTBE and TBA. <i>Reviews in Environmental Science and Biotechnology</i> , 2008, 7, 79-91.	8.1	8
20	Microbial oxidation of tri-halogenated phenols - Multi-element isotope fractionation. <i>International Biodeterioration and Biodegradation</i> , 2019, 145, 104811.	3.9	6
21	The Use of the Isotopic Composition of Individual Compounds for Correlating Spilled Oils and Refined Products in the Environment with Suspected Sources. <i>Environmental Forensics</i> , 2002, 3, 341-348.	2.6	6
22	Monitoring In Situ Biodegradation of <sc>MTBE</sc> Using Multiple Rounds of Compoundâ€specific Stable Carbon Isotope Analysis. <i>Ground Water Monitoring and Remediation</i> , 2016, 36, 62-70.	0.8	5
23	Assessment of anaerobic biodegradation of bis(2-chloroethyl) ether in groundwater using carbon and chlorine compound-specific isotope analysis. <i>Science of the Total Environment</i> , 2018, 625, 696-705.	8.0	5
24	Derivatizationâ€free method for compoundâ€specific isotope analysis of nonexchangeable hydrogen of 4â€bromophenol. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 667-677.	1.5	3