

Isotopic ^{13}C NMR spectrometry to assess counterfeiting ingredients: Site-specific ^{13}C content of aspirin and par

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evidence of ¹³ C non-covalent isotope effects obtained by quantitative ¹³ C nuclear magnetic resonance spectroscopy at natural abundance during normal phase liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7043-7048.	1.8	24
2	Quantitative isotopic ¹³ C nuclear magnetic resonance at natural abundance to probe enzyme reaction mechanisms via site-specific isotope fractionation: The case of the chain-shortening reaction for the bioconversion of ferulic acid to vanillin. <i>Analytical Biochemistry</i> , 2009, 393, 182-188.	1.1	27
3	Impact of the deuterium isotope effect on the accuracy of ¹³ C NMR measurements of site-specific isotope ratios at natural abundance in glucose. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1979-1984.	1.9	9
4	Procedure for the isolation of vanillin from vanilla extracts prior to isotopic authentication by quantitative ¹³ C NMR. <i>Flavour and Fragrance Journal</i> , 2010, 25, 463-467.	1.2	12
5	Performance Evaluation of Quantitative Adiabatic ¹³ C NMR Pulse Sequences for Site-Specific Isotopic Measurements. <i>Analytical Chemistry</i> , 2010, 82, 5582-5590.	3.2	51
6	Improved Characterization of the Botanical Origin of Sugar by Carbon-13 SNIF-NMR Applied to Ethanol. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11580-11585.	2.4	55
7	Isotopic finger-printing of active pharmaceutical ingredients by ¹³ C NMR and polarization transfer techniques as a tool to fight against counterfeiting. <i>Talanta</i> , 2011, 85, 1909-1914.	2.9	51
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12	Electrochemical sensor for the simultaneous determination of caffeine and aspirin in human urine samples. <i>Journal of Electroanalytical Chemistry</i> , 2011, 655, 97-102.	1.9	79
13	Pharmaceutical Counterfeiting and Analytical Authentication. <i>Current Pharmaceutical Analysis</i> , 2011, 7, 54-61.	0.3	4
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15	Comparison of IRMS and NMR spectrometry for the determination of intramolecular ¹³ C isotope composition: Application to ethanol. <i>Talanta</i> , 2012, 99, 1035-1039.	2.9	33
16	Voltammetric determination of penicillin V in pharmaceutical formulations and human urine using a boron-doped diamond electrode. <i>Bioelectrochemistry</i> , 2012, 88, 36-41.	2.4	49
17	Analytical model for site-specific isotope fractionation in ¹³ C during sorption: Determination by isotopic ¹³ C NMR spectrometry with vanillin as model compound. <i>Chemosphere</i> , 2012, 87, 445-452.	4.2	16
18	Fast Quantitative ¹ H- ¹³ C Two-Dimensional NMR with Very High Precision. <i>Analytical Chemistry</i> , 2013, 85, 4777-4783.	3.2	36

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19	Exploration of intramolecular ¹³ C isotope distribution in long chain n-alkanes (C11–C31) using isotopic ¹³ C NMR. <i>Organic Geochemistry</i> , 2013, 62, 56-61.	0.9	43
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25	Position-specific Carbon Isotope Fractionation gives Insights into Mechanistic Models for Evaporation of Organic Liquids in the Environment. <i>Procedia Earth and Planetary Science</i> , 2015, 13, 96-99.	0.6	1
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28	Multidimensional isotope analysis of carbon, hydrogen and oxygen as tool for identification of the origin of ibuprofen. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 115, 410-417.	1.4	21
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58	Electronic and Work Function-Based Sensors for Acetylsalicylic Acid Based on the AlN and BN Nanoclusters: DFT Studies. <i>Journal of Cluster Science</i> , 2019, 30, 151-159.	1.7	12
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