

# CITATION REPORT

List of articles citing

## Chromatographic determination of fatty acids in biological material

DOI: 10.3109/15376516.2010.515081

Toxicology Mechanisms and Methods, 2010, 20, 526-37.

**Source:** <https://exaly.com/paper-pdf/47764349/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
24	Reversed phase LC/MS/MS method for targeted quantification of glycerophospholipid molecular species in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 3556-64	3.2	21
23	Determination of Underivatized Long Chain Fatty Acids Using HPLC with an Evaporative Light-Scattering Detector. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2012</b> , 89, 183-187	1.8	11
22	Separation of dietary omega-3 and omega-6 fatty acids in food by capillary electrophoresis. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3440-8	3.4	14
21	Determination of fatty acid methyl esters by GC-triple quadrupole MS using electron and chemical ionization. <i>Bioanalysis</i> , <b>2013</b> , 5, 1527-43	2.1	5
20	Analysis of free fatty acids by ultraviolet laser desorption ionization mass spectrometry using insect wings as hydrophobic sample substrates. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 10763-71	7.8	19
19	Peptides. <b>2015</b> , 353-380		1
18	Profiling of fatty acids composition in suet oil based on GC-EI-qMS and chemometrics analysis. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 2864-78	6.3	6
17	Nutrition-dependent changes of mouse adipose tissue compositions monitored by NMR, MS, and chromatographic methods. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 5113-23	4.4	13
16	Derivatization methods for LC-MS analysis of endogenous compounds. <i>Bioanalysis</i> , <b>2015</b> , 7, 2557-81	2.1	36
15	Separation of (Phospho)Lipids by Thin-Layer Chromatography. <b>2015</b> , 375-405		4
14	Determination of Fatty Acids in Beef by Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 630-637	3.4	5
13	Analysis of short-chain fatty acids in human feces: A scoping review. <i>Analytical Biochemistry</i> , <b>2017</b> , 526, 9-21	3.1	73
12	Stable isotope labeling combined with liquid chromatography-tandem mass spectrometry for comprehensive analysis of short-chain fatty acids. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1070, 51-59	6.6	22
11	A sensitive GC/MS detection method for analyzing microbial metabolites short chain fatty acids in fecal and serum samples. <i>Talanta</i> , <b>2019</b> , 196, 249-254	6.2	73
10	Chemical derivatization-based LCMS/MS method for quantitation of gut microbial short-chain fatty acids. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2020</b> , 83, 297-302	6.3	7
9	Analysis of Lipids: Triacylglycerols, Phospholipids, Fatty Acids, and Others. <b>2020</b> , 1-43		0
8	A sensitive method for the quantification of short-chain fatty acids by benzyl chloroformate derivatization combined with GC-MS. <i>Analyst, The</i> , <b>2020</b> , 145, 2692-2700	5	5

- 7 Development and validation of a GC-FID method for the analysis of short chain fatty acids in rat and human faeces and in fermentation fluids. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1143, 121972 3.2 5
- 6 Fecal Metabolites As Non-Invasive Biomarkers of Gut Diseases. *Acta Naturae*, **2020**, 12, 4-14 2.1 3
- 5 Encyclopedia of Lipidomics. **2019**, 1-9
- 4 Fiber Nanoarchitectonics for Pre-Treatments in Facile Detection of Short-Chain Fatty Acids in Waste Water and Faecal Samples. *Polymers*, **2021**, 13, 4.5 1
- 3 A fast, fully validated GC-MS method using a simplified pretreatment for the quantification of short and branched chain fatty acids in human stool.. *Journal of Mass Spectrometry*, **2022**, 57, e4817 2.2
- 2 Methodological Aspects of the Analysis of Fatty Acids in Biological Samples. *Applied Biochemistry and Microbiology*, **2022**, 58, 83-95 1.1 0
- 1 A method for determining valproic acid in human whole blood and urine via gas chromatography-mass spectrometry and small-scale inter-laboratory trial. **2022**, 59, 102133