

# Michaela ChocholouÅ;kovÃ;

## List of Publications by Year in descending order

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16  
papers

373  
citations

933447

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996975

15  
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18  
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docs citations

18  
times ranked

363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipidomic profiling of human serum enables detection of pancreatic cancer. <i>Nature Communications</i> , 2022, 13, 124.	12.8	68
2	Validation of lipidomic analysis of human plasma and serum by supercritical fluid chromatography–mass spectrometry and hydrophilic interaction liquid chromatography–mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2375-2388.	3.7	58
3	Oncolipidomics: Mass spectrometric quantitation of lipids in cancer research. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115480.	11.4	46
4	Reversed phase UHPLC/ESI-MS determination of oxylipins in human plasma: a case study of female breast cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1239-1251.	3.7	35
5	Lipidomic characterization of exosomes isolated from human plasma using various mass spectrometry techniques. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158634.	2.4	31
6	Determination of one year stability of lipid plasma profile and comparison of blood collection tubes using UHPSFC/MS and HILIC-UHPLC/MS. <i>Analytica Chimica Acta</i> , 2020, 1137, 74-84.	5.4	22
7	Retention dependences support highly confident identification of lipid species in human plasma by reversed-phase UHPLC/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 319-331.	3.7	20
8	Plasma lipidomic profiles of kidney, breast and prostate cancer patients differ from healthy controls. <i>Scientific Reports</i> , 2021, 11, 20322.	3.3	17
9	Ultrahigh-performance supercritical fluid chromatography / mass spectrometry in the lipidomic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 149, 116546.	11.4	16
10	Intra-laboratory comparison of four analytical platforms for lipidomic quantitation using hydrophilic interaction liquid chromatography or supercritical fluid chromatography coupled to quadrupole - time-of-flight mass spectrometry. <i>Talanta</i> , 2021, 231, 122367.	5.5	13
11	Comprehensive Identification of Glycosphingolipids in Human Plasma Using Hydrophilic Interaction Liquid Chromatography–Electrospray Ionization Mass Spectrometry. <i>Metabolites</i> , 2021, 11, 140.	2.9	12
12	LipidQuant 1.0: automated data processing in lipid class separation–mass spectrometry quantitative workflows. <i>Bioinformatics</i> , 2021, 37, 4591-4592.	4.1	11
13	Multiomics of synaptic junctions reveals altered lipid metabolism and signaling following environmental enrichment. <i>Cell Reports</i> , 2021, 37, 109797.	6.4	11
14	Retention of small molecules on polymethacrylate monolithic capillary columns. <i>Journal of Chromatography A</i> , 2017, 1488, 85-92.	3.7	6
15	Simple and Reproducible Derivatization with Benzoyl Chloride: Improvement of Sensitivity for Multiple Lipid Classes in RP-UHPLC/MS. <i>Analytical Chemistry</i> , 2021, 93, 13835-13843.	6.5	3
16	Corrigendum to: LipidQuant 1.0: automated data processing in lipid class separation–mass spectrometry quantitative workflows. <i>Bioinformatics</i> , 2021, 37, 4903-4903.	4.1	0