

Ondřej Peterka

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

296
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Lipidomic profiling of human serum enables detection of pancreatic cancer. <i>Nature Communications</i> , 2022, 13, 124.	12.8	68
3	Ultrahigh-performance supercritical fluid chromatography / mass spectrometry in the lipidomic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 149, 116546.	11.4	16
4	LipidQuant 1.0: automated data processing in lipid class separationâ€“mass spectrometry quantitative workflows. <i>Bioinformatics</i> , 2021, 37, 4591-4592.	4.1	11
5	Plasma lipidomic profiles of kidney, breast and prostate cancer patients differ from healthy controls. <i>Scientific Reports</i> , 2021, 11, 20322.	3.3	17
6	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
7	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
8	Validation of lipidomic analysis of human plasma and serum by supercritical fluid chromatographyâ€“mass spectrometry and hydrophilic interaction liquid chromatographyâ€“mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2375-2388.	3.7	58
9	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
10	Oncolipidomics: Mass spectrometric quantitation of lipids in cancer research. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115480.	11.4	46