OndÅej Peterka

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6873483/publications.pdf

Version: 2024-02-01

10	296	1163117 8	1372567 10
papers	citations	h-index	g-index

12	12	12	250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lipidomic profiling of human serum enables detection of pancreatic cancer. Nature Communications, 2022, 13, 124.	12.8	68
2	Validation of lipidomic analysis of human plasma and serum by supercritical fluid chromatographyâ€“mass spectrometry and hydrophilic interaction liquid chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 2375-2388.	3.7	58
3	Oncolipidomics: Mass spectrometric quantitation of lipids in cancer research. TrAC - Trends in Analytical Chemistry, 2019, 120, 115480.	11.4	46
4	Lipidomic characterization of exosomes isolated from human plasma using various mass spectrometry techniques. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158634.	2.4	31
5	Determination of one year stability of lipid plasma profile and comparison of blood collection tubes using UHPSFC/MS and HILIC-UHPLC/MS. Analytica Chimica Acta, 2020, 1137, 74-84.	5.4	22
6	Retention dependences support highly confident identification of lipid species in human plasma by reversed-phase UHPLC/MS. Analytical and Bioanalytical Chemistry, 2022, 414, 319-331.	3.7	20
7	Plasma lipidomic profiles of kidney, breast and prostate cancer patients differ from healthy controls. Scientific Reports, 2021, 11, 20322.	3.3	17
8	Ultrahigh-performance supercritical fluid chromatography / mass spectrometry in the lipidomic analysis. TrAC - Trends in Analytical Chemistry, 2022, 149, 116546.	11.4	16
9	LipidQuant 1.0: automated data processing in lipid class separationâ€“mass spectrometry quantitative workflows. Bioinformatics, 2021, 37, 4591-4592.	4.1	11
10	Simple and Reproducible Derivatization with Benzoyl Chloride: Improvement of Sensitivity for Multiple Lipid Classes in RP-UHPLC/MS. Analytical Chemistry, 2021, 93, 13835-13843.	6.5	3