

Sven W Meckelmann

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

404
citations

840776

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h-index

839539

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21
all docs

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docs citations

21
times ranked

644
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation of industrial hemp strains by their cannabinoid and phenolic compounds using LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5445-5459.	3.7	9
2	Ultrafast cold-brewing of coffee by picosecond-pulsed laser extraction. <i>Npj Science of Food</i> , 2022, 6, 19.	5.5	3
3	Comparative study for analysis of carbohydrates in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2117-2130.	3.7	7
4	Lipid characterization of arabica and robusta coffee beans by liquid chromatography-ion mobility-mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2022, 111, 104587.	3.9	9
5	Potential of atmospheric pressure ionization sources for the analysis of free fatty acids in clinical and biological samples by gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 6621-6634.	3.7	4
6	Evaluation and comparison of phenolic compounds in herbal liqueurs by multidimensional analytical platforms. <i>Lebensmittelchemie</i> , 2021, 75, S051.	0.0	0
7	Charakterisierung der Lipide in grünen Arabica und Robusta Kaffeebohnen mittels LC-MS/MS. <i>Lebensmittelchemie</i> , 2021, 75, S053.	0.0	0
8	Effect of Sampling Rate and Data Pretreatment for Targeted and Nontargeted Analysis by Means of Liquid Chromatography Coupled to Drift Time Ion Mobility Quadrupole Time-of-Flight Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2592-2603.	2.8	7
9	Chemical characterization of eight herbal liqueurs by means of liquid chromatography coupled with ion mobility quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1631, 461560.	3.7	15
10	Non-targeted and targeted analysis of oxylipins in combination with charge-switch derivatization by ion mobility high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5743-5757.	3.7	17
11	Metabolic Dysregulation of the Lysophospholipid/Autotaxin Axis in the Chromosome 9p21 Gene SNP rs10757274. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002806.	3.6	6
12	LipidCreator workbench to probe the lipidomic landscape. <i>Nature Communications</i> , 2020, 11, 2057.	12.8	58
13	LipidFinder on LIPID MAPS: peak filtering, MS searching and statistical analysis for lipidomics. <i>Bioinformatics</i> , 2019, 35, 685-687.	4.1	38
14	A Comprehensive UHPLC Ion Mobility Quadrupole Time-of-Flight Method for Profiling and Quantification of Eicosanoids, Other Oxylipins, and Fatty Acids. <i>Analytical Chemistry</i> , 2019, 91, 8025-8035.	6.5	40
15	Capillary zone electrophoresis coupled to drift tube ion mobility-mass spectrometry for the analysis of native and APTS-labeled N-glycans. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6255-6264.	3.7	28
16	Specific oxygenation of plasma membrane phospholipids by <i>Pseudomonas aeruginosa</i> lipoxygenase induces structural and functional alterations in mammalian cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 152-164.	2.4	41
17	Identification of <i>Chaoborus</i> kairomone chemicals that induce defences in <i>Daphnia</i> . <i>Nature Chemical Biology</i> , 2018, 14, 1133-1139.	8.0	50
18	Molecular Evolution in a Peptide-Vesicle System. <i>Life</i> , 2018, 8, 16.	2.4	21

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19	Comparison of derivatization/ionization techniques for liquid chromatography tandem mass spectrometry analysis of oxylipins. Prostaglandins and Other Lipid Mediators, 2017, 130, 8-15.	1.9	19
20	LipidFinder: A computational workflow for discovery of lipids identifies eicosanoid-phosphoinositides in platelets. JCI Insight, 2017, 2, e91634.	5.0	32