

Petur Weihe Dalsgaard

List of Publications by Year in descending order

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26
papers

1,033
citations

566801

15
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous screening and quantification of 52 common pharmaceuticals and drugs of abuse in hair using UPLC-TOF-MS. <i>Forensic Science International</i> , 2010, 196, 85-92.	1.3	145
2	Ancistrotanzanine C and Related 5,1â€- and 7,3â€-Coupled Naphthylisoquinoline Alkaloids from <i>Ancistrocladus tanzaniensis</i> 1. <i>Journal of Natural Products</i> , 2004, 67, 743-748.	1.5	142
3	Screening for illicit and medicinal drugs in whole blood using fully automated <sc>SPE</sc> and ultra-high-performance liquid chromatography with <sc>TOF</sc>-MS with data-independent acquisition. <i>Journal of Separation Science</i> , 2013, 36, 2081-2089.	1.3	75
4	Targeted and non-targeted drug screening in whole blood by UHPLC-TOF-MS with data-independent acquisition. <i>Drug Testing and Analysis</i> , 2017, 9, 1052-1061.	1.6	67
5	Prediction of collision cross section and retention time for broad scope screening in gradient reversed-phase liquid chromatography-ion mobility-high resolution accurate mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1542, 82-88.	1.8	67
6	Quantification of 31 illicit and medicinal drugs and metabolites in whole blood by fully automated solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2607-2617.	1.9	66
7	Psychrophilin A and Cycloaspeptide D, Novel Cyclic Peptides from the Psychrotolerant Fungus <i>Penicillium ribeum</i> . <i>Journal of Natural Products</i> , 2004, 67, 878-881.	1.5	62
8	HighResNPS.com: An Online Crowd-Sourced HR-MS Database for Suspect and Non-targeted Screening of New Psychoactive Substances. <i>Journal of Analytical Toxicology</i> , 2019, 43, 520-527.	1.7	61
9	Ancistrotanzanine A, the First 5,3â€-Coupled Naphthylisoquinoline Alkaloid, and Two Further, 5,8â€-Linked Related Compounds from the Newly Described Species <i>Ancistrocladus tanzaniensis</i> #1. <i>Journal of Natural Products</i> , 2003, 66, 1159-1165.	1.5	60
10	Application of a screening method for fentanyl and its analogues using UHPLC-QTOF-MS with data-independent acquisition (DIA) in MS ^E mode and retrospective analysis of authentic forensic blood samples. <i>Drug Testing and Analysis</i> , 2018, 10, 651-662.	1.6	57
11	Metabolites of 5F-AKB48, a synthetic cannabinoid receptor agonist, identified in human urine and liver microsomal preparations using liquid chromatography high-resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2015, 7, 199-206.	1.6	45
12	Toxicological screening of basic drugs in whole blood using UPLC-TOF-MS. <i>Drug Testing and Analysis</i> , 2012, 4, 313-319.	1.6	30
13	Development of a single retention time prediction model integrating multiple liquid chromatography systems: Application to new psychoactive substances. <i>Analytica Chimica Acta</i> , 2021, 1184, 339035.	2.6	23
14	Retrospective analysis for valproate screening targets with liquid chromatography-high resolution mass spectrometry with positive electrospray ionization: An omics-based approach. <i>Drug Testing and Analysis</i> , 2019, 11, 730-738.	1.6	22
15	Metabolism of the synthetic cannabinoids AMB-CHMICA and 5C-AKB48 in pooled human hepatocytes and rat hepatocytes analyzed by UHPLC-(IMS)-HR-MS E. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 189-197.	1.2	19
16	How to perform spectrum-based LC-HR-MS screening for more than 1,000 NPS with HighResNPS consensus fragment ions. <i>PLoS ONE</i> , 2020, 15, e0242224.	1.1	18
17	Identification of New Psychoactive Substances in Seized material Using UHPLC-QTOF-MS and An Online Mass Spectral Database. <i>Journal of Analytical Toxicology</i> , 2021, 44, 1047-1051.	1.7	16
18	Identification of phenobarbital and other barbiturates in forensic drug screening using positive electrospray ionization liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2019, 11, 1258-1263.	1.6	12

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19	Screening of Danish traffic cases for synthetic cannabinoids in whole blood by LC-MS/MS. Scandinavian Journal of Forensic Science, 2013, 19, 45-51.	0.0	10
20	Comprehensive UHPLC-HR-MSE screening workflow optimized for use in routine laboratory medicine: Four workflows in one analytical method. Journal of Pharmaceutical and Biomedical Analysis, 2021, 196, 113936.	1.4	10
21	Identification of the synthetic cannabinoid-type new psychoactive substance, CH-PIACA, in seized material. Drug Testing and Analysis, 2022, 14, 1645-1651.	1.6	10
22	Cocaine profiling method retrospectively developed with nontargeted discovery of markers using liquid chromatography with time-of-flight mass spectrometry data. Drug Testing and Analysis, 2021, , .	1.6	6
23	A New Strategy for Efficient Retrospective Data Analyses for Designer Benzodiazepines in Large LC-HRMS Datasets. Frontiers in Chemistry, 2022, 10, .	1.8	4
24	Metabolomics-driven determination of targets for salicylic acid and ibuprofen in positive electrospray ionization using LC-HRMS. Drug Testing and Analysis, 2022, 14, 747-756.	1.6	3
25	Comparison of Comprehensive Screening Results in Postmortem Blood and Brain Tissue by UHPLC-QTOF-MS. Journal of Analytical Toxicology, 2023, 46, 1053-1058.	1.7	2
26	Analytical Profiling of Airplane Wastewater - a New Matrix for Mapping Worldwide Patterns of Drug Use and Abuse. Scandinavian Journal of Forensic Science, 2017, 23, 7-12.	1.0	1