

# Petur W Dalsgaard

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

909  
citations

471061

17  
h-index

454577

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Communesins G and H, New Alkaloids from the Psychrotolerant Fungus <i>Penicillium rivulum</i> . <i>Journal of Natural Products</i> , 2005, 68, 258-261.	1.5	115
2	Screening for illicit and medicinal drugs in whole blood using fully automated SPE and ultra-high performance liquid chromatography with TOF-MS with data-independent acquisition. <i>Journal of Separation Science</i> , 2013, 36, 2081-2089.	1.3	75
3	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
4	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
5	Bioactive Cyclic Peptides from the Psychrotolerant Fungus <i>Penicillium algidum</i> . <i>Journal of Antibiotics</i> , 2005, 58, 141-144.	1.0	63
6	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
7	Application of a screening method for fentanyl and its analogues using UHPLC-QTOF-MS with data-independent acquisition (DIA) in MS <sup>E</sup> mode and retrospective analysis of authentic forensic blood samples. <i>Drug Testing and Analysis</i> , 2018, 10, 651-662.	1.6	57
8	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
9	Identification of ten new designer drugs by GC-MS, UPLC-QTOF-MS, and NMR as part of a police investigation of a Danish Internet company. <i>Drug Testing and Analysis</i> , 2012, 4, 342-354.	1.6	38
10	Psychrophilin B and C: Cyclic Nitropeptides from the Psychrotolerant Fungus <i>Penicillium rivulum</i> . <i>Journal of Natural Products</i> , 2004, 67, 1950-1952.	1.5	34
11	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
12	A deep generative model enables automated structure elucidation of novel psychoactive substances. <i>Nature Machine Intelligence</i> , 2021, 3, 973-984.	8.3	28
13	Ketamine analogues: Comparative toxicokinetic in vitro "in vivo extrapolation and quantification of 2-fluorodeschloroketamine in forensic blood and hair samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113049.	1.4	25
14	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
15	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
16	Screening of 30 acidic and neutral pharmaceuticals in whole blood by fully automated SPE and UPLC-TOF-MS. <i>Drug Testing and Analysis</i> , 2013, 5, 254-258.	1.6	20
17	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
18	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

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19	Atlantinone A, a Meroterpenoid Produced by <i>Penicillium ribeum</i> and Several Cheese Associated <i>Penicillium</i> Species. <i>Metabolites</i> , 2012, 2, 214-220.	1.3	17
20	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
21	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
22	Comprehensive UHPLC-HR-MSE screening workflow optimized for use in routine laboratory medicine: Four workflows in one analytical method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113936.	1.4	10
23	Identification of the synthetic cannabinoid-type new psychoactive substance, CHPIACA, in seized material. <i>Drug Testing and Analysis</i> , 2022, 14, 1645-1651.	1.6	10
24	Glycine-modified growth hormone secretagogues identified in seized doping material. <i>Drug Testing and Analysis</i> , 2019, 11, 350-354.	1.6	8
25	In vitro and in vivo metabolism and detection of 3-CHO-PCP, a synthetic phencyclidine, in human samples and pooled human hepatocytes using high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2020, 12, 987-993.	1.6	6
26	Cocaine profiling method retrospectively developed with nontargeted discovery of markers using liquid chromatography with time-of-flight mass spectrometry data. <i>Drug Testing and Analysis</i> , 2021, , .	1.6	6
27	UV-Guided Isolation of Fungal Metabolites by HSCCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2029-2039.	0.5	5
28	A New Strategy for Efficient Retrospective Data Analyses for Designer Benzodiazepines in Large LC-HRMS Datasets. <i>Frontiers in Chemistry</i> , 2022, 10, .	1.8	4
29	Metabolomics-driven determination of targets for salicylic acid and ibuprofen in positive electrospray ionization using LC-HRMS. <i>Drug Testing and Analysis</i> , 2022, 14, 747-756.	1.6	3
30	Comparison of Comprehensive Screening Results in Postmortem Blood and Brain Tissue by UHPLC-QTOF-MS. <i>Journal of Analytical Toxicology</i> , 2023, 46, 1053-1058.	1.7	2
31	Analytical Profiling of Airplane Wastewater - a New Matrix for Mapping Worldwide Patterns of Drug Use and Abuse. <i>Scandinavian Journal of Forensic Science</i> , 2017, 23, 7-12.	1.0	1
32	Analysis of seized peptide and protein-based doping agents using four complimentary methods: Liquid chromatography coupled with time of flight mass spectrometry, liquid chromatography-ultraviolet, Bradford, and immunoassays. <i>Drug Testing and Analysis</i> , 2021, 13, 1457-1463.	1.6	0