

Petur W Dalsgaard

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

607
citations

13
h-index

24
g-index

33
ext. papers

758
ext. citations

4.1
avg, IF

4.1
L-index

#	Paper	IF	Citations
27	A deep generative model enables automated structure elucidation of novel psychoactive substances. <i>Nature Machine Intelligence</i> , 2021 , 3, 973-984	22.5	4
26	Comprehensive UHPLC-HR-MS 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	3.5	2
25	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	3.5	
24	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	2.9	6
23	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	6.6	3
22	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	3.7	9
21	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	3.5	11
20	In vitro and in vivo metabolism and detection of 3-HO-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	3.5	0
19	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	2.9	30
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	3.5	2
17	Glycine-modified growth hormone secretagogues identified in seized doping material. <i>Drug Testing and Analysis</i> , 2019 , 11, 350-354	3.5	7
16	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	3.5	12
15	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	4.5	41
14	Metabolism of the synthetic cannabinoids AMB-CHMICA and 5C-AKB48 in pooled human hepatocytes and rat hepatocytes analyzed by UHPLC-(IMS)-HR-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1083, 189-197	3.2	15
13	Application of a screening method for fentanyl and its analogues using UHPLC-QTOF-MS with data-independent acquisition (DIA) in MS mode and retrospective analysis of authentic forensic blood samples. <i>Drug Testing and Analysis</i> , 2018 , 10, 651-662	3.5	40
12	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	0.4	
11	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	3.5	47

10	Metabolites of 5F-AKB-48, 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	3.5	41
9	Screening of 30 acidic and neutral pharmaceuticals in whole blood by fully automated SPE and UPLC-TOF-MS(E.). <i>Drug Testing and Analysis</i> , 2013 , 5, 254-8	3.5	18
8	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, 2081-9	3.4	63
7	Toxicological screening of basic drugs in whole blood using UPLC-TOF-MS. <i>Drug Testing and Analysis</i> , 2012 , 4, 313-9	3.5	26
6	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, 342-54	3.5	33
5	Atlantinone A, a Meroterpenoid Produced by <i>Penicillium ribeum</i> and Several Cheese Associated <i>Penicillium</i> Species. <i>Metabolites</i> , 2012 , 2, 214-20	5.6	10
4	UV-Guided Isolation of Fungal Metabolites by HSCCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005 , 28, 2029-2039	1.3	4
3	Communesins G and H, new alkaloids from the psychrotolerant fungus <i>Penicillium rivulum</i> . <i>Journal of Natural Products</i> , 2005 , 68, 258-61	4.9	102
2	Bioactive cyclic peptides from the psychrotolerant fungus <i>Penicillium algidum</i> . <i>Journal of Antibiotics</i> , 2005 , 58, 141-4	3.7	50
1	Psychrophilin B and C: cyclic nitropeptides from the psychrotolerant fungus <i>Penicillium rivulum</i> . <i>Journal of Natural Products</i> , 2004 , 67, 1950-2	4.9	31