

Koit Herodes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8025283/publications.pdf>

Version: 2024-02-01

40
papers

1,473
citations

516710

16
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

2019
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the ionisation mode in the determination of free amino acids in beers by Liquid Chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1677, 463320.	3.7	1
2	Ampicillin Pharmacokinetics During First Week of Life in Preterm and Term Neonates. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, 464-472.	2.0	4
3	Small-Molecule Inhibitors of the RNA M6A Demethylases FTO Potently Support the Survival of Dopamine Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4537.	4.1	20
4	HIV Replication Is Increased by RNA Methylation METTL3/METTL14/WTAP Complex Activators. <i>ACS Omega</i> , 2021, 6, 15957-15963.	3.5	13
5	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9178.	1.5	4
6	Derivatization-targeted analysis of amino compounds in plant extracts in neutral loss acquisition mode by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1656, 462555.	3.7	5
7	Derivatization-targeted analysis of amino compounds from <i>Cardueae</i> species by liquid chromatography tandem mass spectrometry. <i>Planta Medica</i> , 2021, 87, .	1.3	0
8	The role of DNA methyltransferase activity in cocaine treatment and withdrawal in the nucleus accumbens of mice. <i>Addiction Biology</i> , 2020, 25, e12720.	2.6	12
9	Instrumental techniques in the analysis of natural red textile dyes. <i>Journal of Cultural Heritage</i> , 2020, 42, 19-27.	3.3	16
10	Matrix interference in LC-ESI-MS/MS analysis of metanephrines in protein precipitated plasma samples. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 46-54.	1.0	2
11	Retention of acidic and basic analytes in reversed phase column using fluorinated and novel eluent additives for liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1613, 460667.	3.7	13
12	Human Biomonitoring in the Oil Shale Industry Area in Estonia – Overview of Earlier Programmes and Future Perspectives. <i>Frontiers in Public Health</i> , 2020, 8, 582114.	2.7	1
13	Co-introduction of native mycorrhizal fungi and plant seeds accelerates restoration of post-mining landscapes. <i>Journal of Applied Ecology</i> , 2020, 57, 1741-1751.	4.0	33
14	Comparison of derivatization methods for the quantitative gas chromatographic analysis of oils. <i>Analytical Methods</i> , 2019, 11, 3514-3522.	2.7	18
15	Pharmacokinetics of Penicillin G in Preterm and Term Neonates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	13
16	Metallic Fumes at Indoor Military Shooting Ranges: Lead, Copper, Nickel, and Zinc in Different Fractions of Airborne Particulate Matter. <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 228-233.	1.6	10
17	Cocaine-induced epigenetic DNA modification in mouse addiction-specific and non-specific tissues. <i>Neuropharmacology</i> , 2018, 139, 13-25.	4.1	22
18	Utilization of data below the analytical limit of quantitation in pharmacokinetic analysis and modeling: promoting interdisciplinary debate. <i>Bioanalysis</i> , 2018, 10, 1229-1248.	1.5	17

#	ARTICLE	IF	CITATIONS
19	A highly sensitive method for the simultaneous UHPLC-MS/MS analysis of clonidine, morphine, midazolam and their metabolites in blood plasma using HFIP as the eluent additive. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1052, 150-157.	2.3	10
20	Signal Enhancement in the HPLC-ESI-MS/MS analysis of spironolactone and its metabolites using HFIP and NH ₄ F as eluent additives. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3145-3151.	3.7	28
21	Sponge Spray- Reaching New Dimensions of Direct Sampling and Analysis by MS. <i>Analytical Chemistry</i> , 2017, 89, 11592-11597.	6.5	20
22	Comparison of amino acid derivatization reagents for liquid chromatography atmospheric pressure chemical ionization mass spectrometric analysis of seven amino acids in tea extract. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 189-195.	1.5	11
23	Dependence of matrix effect on ionization polarity during LC-ESI-MS analysis of derivatized amino acids in some natural samples. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 245-253.	1.0	12
24	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. <i>Analytical Chemistry</i> , 2016, 88, 3435-3439.	6.5	22
25	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part I. <i>Analytica Chimica Acta</i> , 2015, 870, 29-44.	5.4	208
26	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part II. <i>Analytica Chimica Acta</i> , 2015, 870, 8-28.	5.4	217
27	Development of amino acid derivatization reagents for liquid chromatography electrospray ionization mass spectrometric analysis and ionization efficiency measurements. <i>Journal of Chromatography A</i> , 2015, 1390, 62-70.	3.7	31
28	Study of the matrix effects and sample dilution influence on the LC-ESI-MS/MS analysis using four derivatization reagents. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 967, 147-155.	2.3	21
29	Matrix influence on derivatization and ionization processes during selenoamino acid liquid chromatography electrospray ionization mass spectrometric analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 955-956, 34-41.	2.3	12
30	Comparison of amino acid derivatization reagents for LC-ESI-MS analysis. Introducing a novel phosphazene-based derivatization reagent. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 904, 99-106.	2.3	49
31	Accounting for matrix effects of pesticide residue liquid chromatography/electrospray ionisation mass spectrometric determination by treatment of background mass spectra with chemometric tools. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1159-1168.	1.5	17
32	A sensitive method for free amino acids analysis by liquid chromatography with ultraviolet and mass spectrometric detection using precolumn derivatization with diethyl ethoxymethylenemalonate: Application to the honey analysis. <i>Analytica Chimica Acta</i> , 2010, 672, 79-84.	5.4	77
33	Electrospray Ionization Matrix Effect as an Uncertainty Source in HPLC/ESI-MS Pesticide Residue Analysis. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 306-314.	1.5	13
34	Electrospray Ionization Efficiency Scale of Organic Compounds. <i>Analytical Chemistry</i> , 2010, 82, 2865-2872.	6.5	232
35	Plant uptake of some pharmaceuticals commonly present in sewage sludge compost. , 2010, , .		1
36	Combating matrix effects in LC/ESI/MS: The extrapolative dilution approach. <i>Analytica Chimica Acta</i> , 2009, 651, 75-80.	5.4	96

#	ARTICLE	IF	CITATIONS
37	Rapid Determination of Meropenem in Biological Fluids by LC: Comparison of Various Methods for Sample Preparation and Investigation of Meropenem Stability. <i>Chromatographia</i> , 2009, 70, 1423-1427.	1.3	14
38	Towards the electrospray ionization mass spectrometry ionization efficiency scale of organic compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 379-384.	1.5	74
39	MiC in Chemistry Curriculum at the University of Tartu: the current status. <i>Accreditation and Quality Assurance</i> , 2002, 7, 159-162.	0.8	3
40	Intrinsic Basicities of Phosphorus Imines and Ylides: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2001, 105, 9575-9586.	2.5	101