

Olaf Boernsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3358298/publications.pdf>

Version: 2024-02-01

25
papers

1,074
citations

516710

16
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix-assisted laser desorption/ionization mass spectrometry: Improved matrix for oligosaccharides. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 809-814.	1.5	155
2	Ion exchange and purification of carbohydrates on a Nafion® membrane as a new sample pretreatment for matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 1031-1034.	1.5	107
3	Controlled Protein Precipitation in Combination with Chip-Based Nanospray Infusion Mass Spectrometry. An Approach for Metabolomics Profiling of Plasma. <i>Analytical Chemistry</i> , 2005, 77, 7255-7264.	6.5	92
4	Primary structure and function of novel O-glycosylated hirudins from the leech <i>Hirudinaria manillensis</i> . <i>Biochemistry</i> , 1992, 31, 2294-2298.	2.5	80
5	Pharmacokinetics, Distribution, Metabolism, and Excretion of Deferasirox and Its Iron Complex in Rats. <i>Drug Metabolism and Disposition</i> , 2008, 36, 2523-2538.	3.3	75
6	Influence of Solvents and Detergents on Matrix-assisted Laser Desorption/Ionization Mass Spectrometry Measurements of Proteins and Oligonucleotides. , 1997, 11, 603-609.		60
7	Fast protein sequence determination with matrix-assisted laser desorption and ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1991, 5, 319-326.	1.5	55
8	Use of a Microplate Scintillation Counter as a Radioactivity Detector for Miniaturized Separation Techniques in Drug Metabolism. <i>Analytical Chemistry</i> , 2000, 72, 3956-3959.	6.5	49
9	Matrix Compatible Buffers for Analysis of Proteins with Matrix-assisted Laser Desorption/Ionization Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 845-850.	1.5	47
10	Retention behaviour of a template-assembled synthetic protein and its amphiphilic building blocks on reversed-phase columns. <i>Journal of Chromatography A</i> , 1991, 586, 43-50.	3.7	45
11	Influence of Salts, Buffers, Detergents, Solvents, and Matrices on MALDI-MS Protein Analysis in Complex Mixtures. , 2000, 146, 387-404.		40
12	Cross-study and cross-omics comparisons of three nephrotoxic compounds reveal mechanistic insights and new candidate biomarkers. <i>Toxicology and Applied Pharmacology</i> , 2011, 252, 112-122.	2.8	37
13	Stability measurements of antisense oligonucleotides by capillary gel electrophoresis. <i>Journal of Chromatography A</i> , 1995, 709, 181-195.	3.7	33
14	A microplate solid scintillation counter as a radioactivity detector for high performance liquid chromatography in drug metabolism: Validation and applications. <i>Journal of Chromatography A</i> , 2006, 1133, 184-194.	3.7	32
15	Assessment and validation of the MS/MS fragmentation patterns of the macrolide immunosuppressant everolimus. <i>Journal of Mass Spectrometry</i> , 2007, 42, 793-802.	1.6	32
16	Investigation of Protein Patterns in Mammalian Cells and Culture Supernatants by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 1998, 70, 923-930.	6.5	29
17	Photoionization of benzene complexes. <i>The Journal of Physical Chemistry</i> , 1988, 92, 5482-5485.	2.9	21
18	Dextrin sulfopropyl ether: A novel anionic chiral buffer additive for enantiomer separation by electrokinetic chromatography. <i>Electrophoresis</i> , 1996, 17, 130-136.	2.4	20

#	ARTICLE	IF	CITATIONS
19	Analytical applications of matrix-assisted laser desorption and ionization mass spectrometry. <i>Biological Mass Spectrometry</i> , 1991, 20, 471-478.	0.5	15
20	High-performance liquid chromatography of polyethylene glycols as their β -bis(1-naphthylurethane) derivatives and signal monitoring by fluorescence detection. <i>Journal of Chromatography A</i> , 1998, 822, 189-206.	3.7	14
21	Theory of photoionization threshold spectroscopy of molecules and clusters. <i>The Journal of Physical Chemistry</i> , 1988, 92, 1469-1475.	2.9	11
22	Enhanced mass resolution in matrix-assisted laser desorption/ionization linear time-of-flight mass spectrometry. <i>Biological Mass Spectrometry</i> , 1994, 23, 695-700.	0.5	10
23	Fatty acid desaturation index in human plasma: comparison of different analytical methodologies for the evaluation of diet effects. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6399-6408.	3.7	9
24	Energy randomization in the benzene dimer ion. <i>Chemical Physics Letters</i> , 1992, 190, 497-502.	2.6	6
25	Spectra of Mixed Dimers. , 1987, , 251-261.		0