

Boris L Milman

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

697
citations

566801

15
h-index

552369

26
g-index

43
all docs

43
docs citations

43
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospray ionization mass spectrometry of ionic liquids and determination of their solubility in water. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 159-164.	1.9	108
2	Identification of chemical compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 493-508.	5.8	72
3	Quality assurance of qualitative analysis in the framework of the European project 'MEQUALAN'. <i>Accreditation and Quality Assurance</i> , 2003, 8, 68-77.	0.4	66
4	General principles of identification by mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 69, 24-33.	5.8	61
5	The chemical space for non-target analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 179-187.	5.8	57
6	Towards a full reference library of MS ⁿ spectra. Testing of a library containing 3126 MS ² spectra of 1743 compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2833-2839.	0.7	35
7	Detection and Identification of Cations and Anions of Ionic Liquids by Means of Electrospray Ionization Mass Spectrometry and Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2005, 11, 35-42.	0.5	26
8	Mass spectral libraries: A statistical review of the visible use. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 636-640.	5.8	26
9	Uncertainty of Qualitative Chemical Analysis: General Methodology and Binary Test Methods. <i>Journal of Analytical Chemistry</i> , 2004, 59, 1128-1141.	0.4	25
10	Chemical Identification and its Quality Assurance. , 2011, , .		22
11	Identification of chemical substances by testing and screening of hypotheses. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 621-628.	1.5	21
12	Cluster ions of diquat and paraquat in electrospray ionization mass spectra and their collision-induced dissociation spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1344-1349.	0.7	21
13	Analysis of citation and co-citation in chemical engineering. <i>Scientometrics</i> , 1993, 27, 53-74.	1.6	19
14	Identification of chemical substances by testing and screening of hypotheses. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 629-634.	1.5	19
15	A Procedure for Decreasing Uncertainty in the Identification of Chemical Compounds Based on Their Literature Citation and Cocitation. Two Case Studies. <i>Analytical Chemistry</i> , 2002, 74, 1484-1492.	3.2	17
16	Towards a full reference library of MS ⁿ spectra. II: A perspective from the library of pesticide spectra extracted from the literature/Internet. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3697-3705.	0.7	16
17	Literature-Based Generation of Hypotheses on Chemical Composition Using Database Co-occurrence of Chemical Compounds. <i>Journal of Chemical Information and Modeling</i> , 2005, 45, 1153-1158.	2.5	12
18	Caprine Bactenecins as Promising Tools for Developing New Antimicrobial and Antitumor Drugs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 552905.	1.8	12

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19	Mass spectrometric analysis of medical samples and aspects of clinical diagnostics. Journal of Analytical Chemistry, 2015, 70, 1179-1191.	0.4	10
20	Big Data in Modern Chemical Analysis. Journal of Analytical Chemistry, 2020, 75, 443-452.	0.4	8
21	Individual co-citation clusters as nuclei of complete and dynamic informetric models of scientific and technological areas. Scientometrics, 1994, 31, 45-57.	1.6	7
22	An approach to the mass spectrometry identification of cyanobacterial peptides. The case of demethylmicrocystin-LR. Journal of Analytical Chemistry, 2011, 66, 1423-1431.	0.4	5
23	Identification of toxic cyclopeptides based on mass spectral library matching. Analytical Chemistry Research, 2014, 1, 8-15.	2.0	5
24	Summarized criteria of chemical compounds identification using the chromatography-mass spectrometry. Analitika I Kontrol, 2020, 24, 164-173.	0.3	5
25	Identification of chemical substances in analytical measurements. Accreditation and Quality Assurance, 1999, 4, 185-190.	0.4	4
26	Statistics of the Popularity of Chemical Compounds in Relation to the Non-Target Analysis. Molecules, 2021, 26, 2394.	1.7	3
27	Tandem mass spectral library of microcystins and related compounds. Journal of Analytical Chemistry, 2013, 68, 1188-1194.	0.4	2
28	Comparative determination of fatty acid composition of low-molecular components of blood plasma by three mass spectrometry techniques: the "old-new"™ exercise in lipidomics. Journal of Analytical Chemistry, 2015, 70, 1601-1613.	0.4	2
29	Characterization of amyloid deposits found in internal organs of mdx mice. Cell and Tissue Biology, 2017, 11, 27-34.	0.2	2
30	Phospholipid Composition of Human Blood Plasma as Detected by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry: New Observations. Journal of Analytical Chemistry, 2017, 72, 1411-1418.	0.4	2
31	Reliability and Errors of Identification. , 2011, , 63-113.		2
32	Big Free-Access Chemical Databases in Non-Target Mass Spectrometry Analysis. Journal of Analytical Chemistry, 2021, 76, 1477-1484.	0.4	2
33	Non-target Identification. Chromatography and Spectrometry. , 2011, , 165-234.		1
34	A new approach to the depletion of albumin and immunoglobulin G from human serum. Applied Biochemistry and Microbiology, 2015, 51, 367-373.	0.3	1
35	A Comparison of "Low-Molecular" and Conventional Approaches to the Species Identification of Bacteria by MALDI Mass Spectrometry. Journal of Analytical Chemistry, 2018, 73, 1217-1222.	0.4	1
36	A complexity measure for chemical compounds. Journal of Structural Chemistry, 1989, 29, 957-960.	0.3	0

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37	Features of Tryptic Peptides Providing Their Detection and Identification by MALDI Mass Spectrometry. Journal of Analytical Chemistry, 2019, 74, 1286-1295.	0.4	0
38	Good Identification Practice. , 2011, , 255-275.		0
39	Chemical Qualitative Analysis II. , 2011, , 235-253.		0
40	Principles of Identification. , 2011, , 1-22.		0
41	Prior Data for Non-target Identification. , 2011, , 141-164.		0
42	Probability, Statistics, and Related Methods. , 2011, , 41-61.		0