Boris L Milman

List of Publications by Year
in descending order

42 papers	697 citations	567281 15 h-index	552781 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. Analytical and Bioanalytical Chemistry, 2003, 377, 159-164.	3.7	108
2	Identification of chemical compounds. TrAC - Trends in Analytical Chemistry, 2005, 24, 493-508.	11.4	72
3	Quality assurance of qualitative analysis in the framework of the European project ?MEQUALAN'. Accreditation and Quality Assurance, 2003, 8, 68-77.	0.8	66
4	General principles of identification by mass spectrometry. TrAC - Trends in Analytical Chemistry, 2015, 69, 24-33.	11.4	61
5	The chemical space for non-target analysis. TrAC - Trends in Analytical Chemistry, 2017, 97, 179-187.	11.4	57
6	Towards a full reference library of MSn spectra. Testing of a library containing 3126 MS2 spectra of 1743 compounds. Rapid Communications in Mass Spectrometry, 2005, 19, 2833-2839.	1.5	35
7	Detection and Identification of Cations and Anions of Ionic Liquids by Means of Electrospray Ionization Mass Spectrometry and Tandem Mass Spectrometry. European Journal of Mass Spectrometry, 2005, 11, 35-42.	1.0	26
8	Mass spectral libraries: A statistical review of the visible use. TrAC - Trends in Analytical Chemistry, 2016, 80, 636-640.	11.4	26
9	Uncertainty of Qualitative Chemical Analysis: General Methodology and Binary Test Methods. Journal of Analytical Chemistry, 2004, 59, 1128-1141.	0.9	25
10	Chemical Identification and its Quality Assurance. , 2011, , .		22
11	Identification of chemical substances by testing and screening of hypotheses. Fresenius' Journal of Analytical Chemistry, 2000, 367, 621-628.	1.5	21
12	Cluster ions of diquat and paraquat in electrospray ionization mass spectra and their collisionâ€induced dissociation spectra. Rapid Communications in Mass Spectrometry, 2003, 17, 1344-1349.	1.5	21
13	Analysis of citation and co-citation in chemical engineering. Scientometrics, 1993, 27, 53-74.	3.0	19
14	Identification of chemical substances by testing and screening of hypotheses. Fresenius' Journal of Analytical Chemistry, 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. Analytical Chemistry, 2002, 74, 1484-1492.	6.5	17
16	Towards a full reference library of MSⁿ spectra. II: A perspective from the library of pesticide spectra extracted from the literature/Internet. Rapid Communications in Mass Spectrometry, 2011, 25, 3697-3705.	1.5	16
17	Literature-Based Generation of Hypotheses on Chemical Composition Using Database Co-occurrence of Chemical Compounds. Journal of Chemical Information and Modeling, 2005, 45, 1153-1158.	5.4	12
18	Caprine Bactenecins as Promising Tools for Developing New Antimicrobial and Antitumor Drugs. Frontiers in Cellular and Infection Microbiology, 2020, 10, 552905.	3.9	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.	0.9	10
20	Big Data in Modern Chemical Analysis. Journal of Analytical Chemistry, 2020, 75, 443-452.	0.9	8
21	Individual co-citation clusters as nuclei of complete and dynamic informetric models of scientific and technological areas. Scientometrics, 1994, 31, 45-57.	3.0	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.	0.9	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.	0.2	5
25	Identification of chemical substances in analytical measurements. Accreditation and Quality Assurance, 1999, 4, 185-190.	0.8	4
26	Statistics of the Popularity of Chemical Compounds in Relation to the Non-Target Analysis. Molecules, 2021, 26, 2394.	3.8	3
27	Tandem mass spectral library of microcystins and related compounds. Journal of Analytical Chemistry, 2013, 68, 1188-1194.	0.9	2
28	Comparative determination of fatty acid composition of low-molecular components of blood plasma by three mass spectrometry techniques: the â€˜old-newâ€™ exercise in lipidomics. Journal of Analytical Chemistry, 2015, 70, 1601-1613.	0.9	2
29	Characterization of amyloid deposits found in internal organs of mdx mice. Cell and Tissue Biology, 2017, 11, 27-34.	0.4	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.	0.9	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.	0.9	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.	0.9	1
35	A Comparison of â€œLow-Molecularâ€•and Conventional Approaches to the Species Identification of Bacteria by MALDI Mass Spectrometry. Journal of Analytical Chemistry, 2018, 73, 1217-1222.	0.9	1
36	A complexity measure for chemical compounds. Journal of Structural Chemistry, 1989, 29, 957-960.	1.0	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.	0.9	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