

# Boris L Milman

## 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.

41  
papers

589  
citations

15  
h-index

24  
g-index

43  
ext. papers

632  
ext. citations

3.6  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
41	Statistics of the Popularity of Chemical Compounds in Relation to the Non-Target Analysis. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
40	Big Free-Access Chemical Databases in Non-Target Mass Spectrometry Analysis. <i>Journal of Analytical Chemistry</i> , <b>2021</b> , 76, 1477-1484	1.1	
39	Caprine Bactenecins as Promising Tools for Developing New Antimicrobial and Antitumor Drugs. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 552905	5.9	6
38	Big Data in Modern Chemical Analysis. <i>Journal of Analytical Chemistry</i> , <b>2020</b> , 75, 443-452	1.1	5
37	Features of Tryptic Peptides Providing Their Detection and Identification by MALDI Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , <b>2019</b> , 74, 1286-1295	1.1	
36	A Comparison of Low-Molecular and Conventional Approaches to the Species Identification of Bacteria by MALDI Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , <b>2018</b> , 73, 1217-1222	1.1	1
35	The chemical space for non-target analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 97, 179-187	14.6	38
34	Characterization of amyloid deposits found in internal organs of mdx mice. <i>Cell and Tissue Biology</i> , <b>2017</b> , 11, 27-34	0.4	2
33	Phospholipid Composition of Human Blood Plasma as Detected by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry: New Observations. <i>Journal of Analytical Chemistry</i> , <b>2017</b> , 72, 1411-1418	1.1	2
32	Mass spectral libraries: A statistical review of the visible use. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 80, 636-640	14.6	21
31	A new approach to the depletion of albumin and immunoglobulin G from human serum. <i>Applied Biochemistry and Microbiology</i> , <b>2015</b> , 51, 367-373	1.1	1
30	General principles of identification by mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 69, 24-33	14.6	50
29	Mass spectrometric analysis of medical samples and aspects of clinical diagnostics. <i>Journal of Analytical Chemistry</i> , <b>2015</b> , 70, 1179-1191	1.1	7
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. <i>Journal of Analytical Chemistry</i> , <b>2015</b> , 70, 1601-1613	1.1	2
27	Identification of toxic cyclopeptides based on mass spectral library matching. <i>Analytical Chemistry Research</i> , <b>2014</b> , 1, 8-15		5
26	Tandem mass spectral library of microcystins and related compounds. <i>Journal of Analytical Chemistry</i> , <b>2013</b> , 68, 1188-1194	1.1	2
25	Chemical Identification and its Quality Assurance <b>2011</b> ,		17

24	Non-target Identification. Chromatography and Spectrometry <b>2011</b> , 165-234		0
23	An approach to the mass spectrometry identification of cyanobacterial peptides. The case of demethylmicrocystin-LR. <i>Journal of Analytical Chemistry</i> , <b>2011</b> , 66, 1423-1431	1.1	5
22	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> , <b>2011</b> , 25, 3697-705	2.2	15
21	Good Identification Practice <b>2011</b> , 255-275		
20	Reliability and Errors of Identification <b>2011</b> , 63-113		0
19	Chemical Qualitative Analysis II <b>2011</b> , 235-253		
18	Principles of Identification <b>2011</b> , 1-22		
17	Prior Data for Non-target Identification <b>2011</b> , 141-164		
16	Probability, Statistics, and Related Methods <b>2011</b> , 41-61		
15	Literature-based generation of hypotheses on chemical composition using database co-occurrence of chemical compounds. <i>Journal of Chemical Information and Modeling</i> , <b>2005</b> , 45, 1153-8	6.1	11
14	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> , <b>2005</b> , 11, 35-42	1.1	23
13	Identification of chemical compounds. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2005</b> , 24, 493-508	14.6	63
12	Towards a full reference library of MS(n) spectra. Testing of a library containing 3126 MS <sup>2</sup> spectra of 1743 compounds. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 2833-9	2.2	34
11	Uncertainty of Qualitative Chemical Analysis: General Methodology and Binary Test Methods. <i>Journal of Analytical Chemistry</i> , <b>2004</b> , 59, 1128-1141	1.1	22
10	Quality assurance of qualitative analysis in the framework of the European project MEQUALAN. <i>Accreditation and Quality Assurance</i> , <b>2003</b> , 8, 68-77	0.7	58
9	Cluster ions of diquat and paraquat in electrospray ionization mass spectra and their collision-induced dissociation spectra. <i>Rapid Communications in Mass Spectrometry</i> , <b>2003</b> , 17, 1344-1349	2.2	19
8	Electrospray ionization mass spectrometry of ionic liquids and determination of their solubility in water. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 377, 159-64	4.4	100
7	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> , <b>2002</b> , 74, 1484-92	7.8	15

6	Identification of chemical substances by testing and screening of hypotheses. I. General. <i>Fresenius Journal of Analytical Chemistry</i> , <b>2000</b> , 367, 621-8		19
5	Identification of chemical substances by testing and screening of hypotheses. II. Determination of impurities in n-hexane and naphthalene. <i>Fresenius Journal of Analytical Chemistry</i> , <b>2000</b> , 367, 629-34		18
4	Identification of chemical substances in analytical measurements. <i>Accreditation and Quality Assurance</i> , <b>1999</b> , 4, 185-190	0.7	4
3	Individual co-citation clusters as nuclei of complete and dynamic informetric models of scientific and technological areas. <i>Scientometrics</i> , <b>1994</b> , 31, 45-57	3	5
2	Analysis of citation and co-citation in chemical engineering. <i>Scientometrics</i> , <b>1993</b> , 27, 53-74	3	16
1	A complexity measure for chemical compounds. <i>Journal of Structural Chemistry</i> , <b>1989</b> , 29, 957-960	0.9	