

Albert Lebedev

List of Publications by Year in descending order

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148
papers

2,692
citations

186265

28
h-index

254184

43
g-index

154
all docs

154
docs citations

154
times ranked

2660
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Mass Spectrometry. Annual Review of Analytical Chemistry, 2013, 6, 163-189.	5.4	354
2	Modern Trends of Organic Chemistry in Russian Universities. Russian Journal of Organic Chemistry, 2018, 54, 157-371.	0.8	68
3	Dynamics of PCB removal and detoxification in historically contaminated soils amended with activated carbon. Environmental Pollution, 2010, 158, 770-777.	7.5	67
4	Discrimination of Leucine and Isoleucine in Peptides Sequencing with Orbitrap Fusion Mass Spectrometer. Analytical Chemistry, 2014, 86, 7017-7022.	6.5	61
5	Identification and analytical characteristics of synthetic cannabinoids with an indazole-3-carboxamide structure bearing a N-1-methoxycarbonylalkyl group. Analytical and Bioanalytical Chemistry, 2015, 407, 6301-6315.	3.7	58
6	Direct identification of intramolecular disulfide links in peptides using negative ion electrospray mass spectra of underivatized peptides. A joint experimental and theoretical study. Rapid Communications in Mass Spectrometry, 2005, 19, 3063-3074.	1.5	50
7	Transformation of avobenzone in conditions of aquatic chlorination and UV-irradiation. Water Research, 2016, 101, 95-102.	11.3	50
8	<i>De novo</i> sequencing of peptides secreted by the skin glands of the Caucasian Green Frog <i>Rana ridibunda</i> . Rapid Communications in Mass Spectrometry, 2008, 22, 3517-3525.	1.5	48
9	Toxicity evaluation of olive oil mill wastewater and its polar fraction using multiple whole-organism bioassays. Science of the Total Environment, 2019, 686, 903-914.	8.0	45
10	Two directions of cyclization of α -diazo- β -dithioamides. New rearrangements of 1,2,3,4-triazole-5-carbothioamides. Tetrahedron, 1989, 45, 7329-7340.	1.9	41
11	Detection of semi-volatile compounds in cloud waters by GC-TOF-MS. Evidence of phenols and phthalates as priority pollutants. Environmental Pollution, 2018, 241, 616-625.	7.5	40
12	GC-MS comparison of the behavior of chlorine and sodium hypochlorite towards organic compounds dissolved in water. Water Research, 2004, 38, 3713-3718.	11.3	39
13	The benefits of high resolution mass spectrometry in environmental analysis. Analyst, The, 2013, 138, 6946.	3.5	38
14	N-terminal tagging strategy for <i>De Novo</i> sequencing of short peptides by ESI-MS/MS and MALDI-MS/MS. Journal of the American Society for Mass Spectrometry, 2010, 21, 104-111.	2.8	37
15	Effects of oxidant and catalyst on the transformation products of rocket fuel 1,1-dimethylhydrazine in water and soil. Chemosphere, 2019, 228, 335-344.	8.2	37
16	Mass spectrometric study of peptides secreted by the skin glands of the brown frog <i>Rana arvalis</i> from the Moscow region. Rapid Communications in Mass Spectrometry, 2009, 23, 1241-1248.	1.5	36
17	Semi volatile organic compounds in the snow of Russian Arctic islands: Archipelago Novaya Zemlya. Environmental Pollution, 2018, 239, 416-427.	7.5	36
18	Degradative Pathways for Aqueous Chlorination of Orcinol. Environmental Science & Technology, 1994, 28, 606-613.	10.0	35

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19	Priority and emerging pollutants in the Moscow rain. <i>Science of the Total Environment</i> , 2018, 645, 1126-1134.	8.0	35
20	Switchable Synthesis of 4,5-Functionalized 1,2,3-Thiadiazoles and 1,2,3-Triazoles from 2-Cyanothioacetamides under Diazo Group Transfer Conditions. <i>Journal of Organic Chemistry</i> , 2017, 82, 4056-4071.	3.2	34
21	An EThcD-Based Method for Discrimination of Leucine and Isoleucine Residues in Tryptic Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1600-1611.	2.8	33
22	Mass Spectrometry in the Study of Mechanisms of Aquatic Chlorination of Organic Substrates. <i>European Journal of Mass Spectrometry</i> , 2007, 13, 51-56.	1.0	32
23	Electrospray Ionization Tandem Mass Spectrometry Sequencing of Novel Skin Peptides from Ranid Frogs Containing Disulfide Bridges. <i>European Journal of Mass Spectrometry</i> , 2007, 13, 155-163.	1.0	32
24	LC/MS study of the UV filter hexyl 2-[(4-(diethylamino)-2-hydroxybenzoyl)]benzoate (DHHB) aquatic chlorination with sodium hypochlorite. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1232-1240.	1.6	32
25	Ambient ionization mass spectrometry. <i>Russian Chemical Reviews</i> , 2015, 84, 665-692.	6.5	32
26	A novel approach to fused 1,2,4-triazines by intramolecular cyclization of 1,2-diaza-1,3-butadienes bearing allyl(propargyl)sulfanyl and cyclic tert-amino groups. <i>Tetrahedron Letters</i> , 2007, 48, 9128-9131.	1.4	31
27	Estimation of contamination of atmosphere of Moscow in winter. <i>Journal of Analytical Chemistry</i> , 2012, 67, 1039-1049.	0.9	30
28	Mass spectrometry of diazo compounds. <i>Mass Spectrometry Reviews</i> , 1991, 10, 91-132.	5.4	29
29	Photochemical fate and photocatalysis of 3,5,6-trichloro-2-pyridinol, degradation product of chlorpyrifos. <i>Chemosphere</i> , 2016, 144, 615-620.	8.2	28
30	GC-HRMS with Complementary Ionization Techniques for Target and Non-target Screening for Chemical Exposure: Expanding the Insights of the Air Pollution Markers in Moscow Snow. <i>Science of the Total Environment</i> , 2021, 761, 144506.	8.0	28
31	Halogenated fatty amides – A brand new class of disinfection by-products. <i>Water Research</i> , 2017, 127, 183-190.	11.3	27
32	Two Dimensional Mass Mapping as a General Method of Data Representation in Comprehensive Analysis of Complex Molecular Mixtures. <i>Analytical Chemistry</i> , 2009, 81, 3738-3745.	6.5	26
33	Oxidation versus carboxamidomethylation of s-s bond in ranid frog peptides: Pro and contra for de novo MALDI-MS sequencing. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 479-487.	2.8	25
34	Novel pollutants in the Moscow atmosphere in winter period: Gas chromatography-high resolution time-of-flight mass spectrometry study. <i>Environmental Pollution</i> , 2017, 222, 242-250.	7.5	25
35	Peat burning – An important source of pyridines in the earth atmosphere. <i>Environmental Pollution</i> , 2020, 266, 115109.	7.5	25
36	The search for the gas-phase negative ion pinacol rearrangement. <i>Journal of the American Chemical Society</i> , 1993, 115, 5709-5715.	13.7	24

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37	The contamination of birds with organic pollutants in the Lake Baikal region. <i>Science of the Total Environment</i> , 1998, 212, 153-162.	8.0	24
38	Composition and Antimicrobial Activity of the Skin Peptidome of Russian Brown Frog <i>Rana temporaria</i> . <i>Journal of Proteome Research</i> , 2012, 11, 6213-6222.	3.7	24
39	High throughput MS techniques for caviar lipidomics. <i>Analytical Methods</i> , 2014, 6, 2436.	2.7	24
40	Better screening of non-target pollutants in complex samples using advanced chromatographic and mass spectrometric techniques. <i>Environmental Chemistry Letters</i> , 2020, 18, 1753-1760.	16.2	24
41	Metals and organic pollutants in snow surrounding an iron factory. <i>Environmental Chemistry Letters</i> , 2003, 1, 107-112.	16.2	23
42	Identification of avobenzone by-products formed by various disinfectants in different types of swimming pool waters. <i>Environment International</i> , 2020, 137, 105495.	10.0	23
43	Antiviral drug Umifenovir (Arbidol) in municipal wastewater during the COVID-19 pandemic: Estimated levels and transformation. <i>Science of the Total Environment</i> , 2022, 805, 150380.	8.0	22
44	Mass spectrometric study of bradykinin-related peptides (<scp>BRPs</scp>) from the skin secretion of Russian ranid frogs. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 933-940.	1.5	21
45	Regression algorithm for calculating second-dimension retention indices in comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2018, 1569, 178-185.	3.7	21
46	Identification of novel disinfection byproducts in pool water: Chlorination of the algacide benzalkonium chloride. <i>Chemosphere</i> , 2020, 239, 124801.	8.2	21
47	Bioprospecting of Less-Polar Constituents from Endemic Brown Macroalga <i>Fucus virsoides</i> J. Agardh from the Adriatic Sea and Targeted Antioxidant Effects In Vitro and In Vivo (Zebrafish Model). <i>Marine Drugs</i> , 2021, 19, 235.	4.6	21
48	High field FT-ICR mass spectrometry for molecular characterization of snow board from Moscow regions. <i>Science of the Total Environment</i> , 2016, 557-558, 12-19.	8.0	20
49	Hydrophilic interaction liquid chromatography-tandem mass spectrometry methylphosphonic and alkyl methylphosphonic acids determination in environmental samples after pre-column derivatization with p-bromophenacyl bromide. <i>Journal of Chromatography A</i> , 2016, 1442, 19-25.	3.7	20
50	Mass spectrometric <i>de novo</i> sequencing of natural non-tryptic peptides: comparing peculiarities of collision-induced dissociation (CID) and high energy collision dissociation (HCD). <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2595-2604.	1.5	19
51	Characterization of Disinfection By-Products in Arkhangelsk Tap Water by Liquid Chromatography/High-Resolution Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , 2018, 73, 1260-1268.	0.9	19
52	A novel soil bacterial strain degrading pyridines. <i>Environmental Chemistry Letters</i> , 2011, 9, 439-445.	16.2	18
53	Anionic rearrangement in the gas phase. The collision-induced dissociations of deprotonated 2-diazo-2-cyanoacetamides. <i>Rapid Communications in Mass Spectrometry</i> , 1991, 5, 234-237.	1.5	17
54	Study of Polyfunctional Diazo Compounds Reactivity in Heterocyclization by the Method of Intramolecular Competitive Reactions. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1993, 102, 493-502.	0.0	17

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55	Collision-Induced Dissociation Fragmentation Inside Disulfide C-Terminal Loops of Natural Non-Tryptic Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1037-1044.	2.8	17
56	<i>Thalassospira permensis</i> sp. nov., a new terrestrial halotolerant bacterium isolated from a naphthalene-utilizing microbial consortium. <i>Microbiology</i> , 2011, 80, 703-712.	1.2	16
57	Water/Alkali-Catalyzed Reactions of Azides with 2-Cyanothioacetamides. Eco-Friendly Synthesis of Monocyclic and Bicyclic 1,2,3-Thiadiazole-4-carbimidamides and 5-Amino-1,2,3-triazole-4-carbothioamides. <i>Journal of Organic Chemistry</i> , 2019, 84, 13430-13446.	3.2	16
58	Reaction of ortho-methoxybenzoic acid with the water disinfecting agents ozone, chlorine and sodium hypochlorite. <i>Environmental Chemistry Letters</i> , 2005, 3, 1-5.	16.2	14
59	LC-MS/MS with 2D mass mapping of skin secretions™ peptides as a reliable tool for interspecies identification inside <i>Rana esculenta</i> complex. <i>Peptides</i> , 2012, 34, 296-302.	2.4	14
60	LTQ Orbitrap Velos in routine <i>de novo</i> sequencing of non-tryptic skin peptides from the frog <i>Rana latastei</i> with traditional and reliable manual spectra interpretation. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 265-276.	1.5	14
61	Stability and removal of selected avobenzene's chlorination products. <i>Chemosphere</i> , 2017, 182, 238-244.	8.2	14
62	Photolytic and photocatalytic degradation of doxazosin in aqueous solution. <i>Science of the Total Environment</i> , 2020, 740, 140131.	8.0	14
63	Accumulation of persistent organic pollutants in the food chain of lake baikal. <i>Toxicological and Environmental Chemistry</i> , 2000, 75, 235-243.	1.2	13
64	Mass spectral study of the skin peptide of brown frog <i>Rana temporaria</i> from Zvenigorod population. <i>Journal of Analytical Chemistry</i> , 2011, 66, 1353-1360.	0.9	13
65	Changes in the Metabolism of Sphingoid Bases in the Brain and Spinal Cord of Transgenic FUS(1-359) Mice, a Model of Amyotrophic Lateral Sclerosis. <i>Biochemistry (Moscow)</i> , 2019, 84, 1166-1176.	1.5	13
66	Arctic snow pollution: A GC-HRMS case study of Franz Joseph Land archipelago. <i>Environmental Pollution</i> , 2020, 265, 114885.	7.5	13
67	Cyclization of ortho-cyclopropylphenyl benzamides in gas and liquid phases. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 956-963.	2.8	12
68	Mass spectrometry in identification of ecotoxicants including chemical and biological warfare agents. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 451-458.	2.8	12
69	Novel natural peptides from <i>Hyla arborea schelkownikowi</i> skin secretion. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1749-1754.	1.5	12
70	Effect of humic acids, nitrate and oxygen on the photodegradation of the flubendiamide insecticide: identification of products. <i>Environmental Chemistry Letters</i> , 2018, 16, 591-597.	16.2	12
71	ETHC Discrimination of Isomeric Leucine/Isoleucine Residues in Sequencing of the Intact Skin Frog Peptides with Intramolecular Disulfide Bond. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 842-852.	2.8	12
72	Urinary phthalate metabolite concentrations during four windows spanning puberty (prepuberty) Tj ETQqO O O rgBT /Overlock 10 Tf 50 <i>Journal of Hygiene and Environmental Health</i> , 2022, 243, 113977.	4.3	12

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73	Novel Cysteine Tags for the Sequencing of Non-Tryptic Disulfide Peptides of Anurans: ESI-MS Study of Fragmentation Efficiency. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 2246-2255.	2.8	11
74	Determination of polycyclic aromatic hydrocarbons in water by gas chromatography/mass spectrometry with accelerated sample preparation. <i>Journal of Analytical Chemistry</i> , 2013, 68, 1099-1103.	0.9	11
75	A chromatography-mass spectrometry study of aquatic chlorination of UV-filter avobenzene. <i>Journal of Analytical Chemistry</i> , 2016, 71, 1289-1293.	0.9	11
76	Differentiation of frogs from two populations belonging to the <i>Pelophylax esculentus</i> complex by LC-MS/MS comparison of their skin peptidomes. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1951-1961.	3.7	11
77	Potential for phenol biodegradation in cloud waters. <i>Biogeosciences</i> , 2018, 15, 5733-5744.	3.3	11
78	Transformation of resveratrol under disinfection conditions. <i>Chemosphere</i> , 2020, 260, 127557.	8.2	11
79	FT-MS in the de novo top-down sequencing of natural nontryptic peptides. <i>Mass Spectrometry Reviews</i> , 2022, 41, 284-313.	5.4	11
80	Halogen substitution reactions of halobenzenes during water disinfection. <i>Chemosphere</i> , 2022, 295, 133866.	8.2	11
81	The electron impact-induced cyclization of <i>o</i> -carboxy- and <i>o</i> -carboxamidocyclopropylbenzenes. <i>Organic Mass Spectrometry</i> , 1989, 24, 149-152.	1.3	10
82	Investigation of skin secretory peptidome of <i>Rana lessonae</i> frog by mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2011, 66, 1298-1306.	0.9	10
83	Mass spectrometric properties of <i>N</i> -(2-methoxybenzyl)-2-(2,4,6-trimethoxyphenyl)ethanamine (2,4,6-TMPEA-NBOMe), a new representative of designer drugs of NBOMe series and derivatives thereof. <i>Journal of Mass Spectrometry</i> , 2016, 51, 969-979.	1.6	10
84	Rapid liquid-liquid extraction for the reliable GC/MS analysis of volatile priority pollutants. <i>Environmental Chemistry Letters</i> , 2016, 14, 251-257.	16.2	10
85	Identification and interconversion of isomeric 4,5-functionalized 1,2,3-thiadiazoles and 1,2,3-triazoles in conditions of electrospray ionization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 315-321.	2.8	10
86	Synthesis and determination of analytical characteristics and differentiation of positional isomers in the series of <i>N</i> -(2-methoxybenzyl)-2-(dimethoxyphenyl)ethanamine using chromatography-mass spectrometry. <i>Drug Testing and Analysis</i> , 2020, 12, 1154-1170.	2.6	10
87	Associations of prepubertal urinary phthalate metabolite concentrations with pubertal onset among a longitudinal cohort of boys. <i>Environmental Research</i> , 2022, 212, 113218.	7.5	10
88	Proteolytic degradation and deactivation of amphibian skin peptides obtained by electrical stimulation of their dorsal glands. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3761-3768.	3.7	9
89	Anionic rearrangement in the gas phase. The negative ion Wolff rearrangement. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991, , 1127.	0.9	8
90	\tilde{T} -tert-amino effect™ induced by electron ionization and comparison with thermal reaction in solution. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 724-728.	1.5	8

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91	Application of MALDI-TOF mass spectrometry for differentiation of closely related species of the <i>Arthrobacter crystallopoietes</i> -phylogenetic group. <i>Microbiology</i> , 2012, 81, 696-701.	1.2	8
92	Primordial soup was edible: abiotically produced Miller-Urey mixture supports bacterial growth. <i>Scientific Reports</i> , 2015, 5, 14338.	3.3	8
93	Exploration of doubtful cases of leucine and isoleucine discrimination in mass spectrometric peptide sequencing by electron-transfer and higher-energy collision dissociation-based method. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 376-384.	1.0	8
94	Study of the Chlorination of Avobenzone in Sea Water by Gas Chromatography-High Resolution Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , 2017, 72, 1369-1374.	0.9	8
95	Collision-induced dissociation study of cyclization of α -diazo- β -arylsulphonylaminoalkano-2-ones. <i>Organic Mass Spectrometry</i> , 1992, 27, 730-735.	1.3	7
96	Comparative Study of the Cyclization of Dithiocarbamate Derivatives of Polyhalopyridines Induced by Electron Impact and Carried Out in Solution. <i>Journal of Mass Spectrometry</i> , 1997, 32, 728-738.	1.6	7
97	Application of <i>Bacillus</i> sp. strain VT-8 for decontamination of TNT-polluted sites. <i>Microbiology</i> , 2014, 83, 577-584.	1.2	7
98	Comparison of chlorine and sodium hypochlorite activity in the chlorination of structural fragments of humic substances in water using GC-MS. <i>Journal of Analytical Chemistry</i> , 2014, 69, 1300-1306.	0.9	7
99	Monitoring and Statistical Analysis of Formation of Organochlorine and Organobromine Compounds in Drinking Water of Different Water Intakes. <i>Molecules</i> , 2021, 26, 1852.	3.8	7
100	Cyclization of the substituted N-(Ortho-cyclopropylphenyl)- α -aryl ureas and thioureas in the gas phase and solution. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1739-1749.	2.8	6
101	Bioactive peptides from the skin of ranid frogs: modern approaches to the mass spectrometric de novo sequencing. <i>Russian Chemical Bulletin</i> , 2008, 57, 1080-1091.	1.5	6
102	Organic mass spectrometry at the beginning of the 21st century. <i>Journal of Analytical Chemistry</i> , 2008, 63, 1128-1154.	0.9	6
103	Improved sample preparation and GC-MS analysis of priority organic pollutants. <i>Environmental Chemistry Letters</i> , 2014, 12, 419-427.	16.2	6
104	Rapid quantification and screening of nitrogen-containing rocket fuel transformation products by vortex assisted liquid-liquid microextraction and gas chromatography-high-resolution Orbitrap mass spectrometry. <i>Microchemical Journal</i> , 2021, 171, 106821.	4.5	6
105	Synthesis and properties of 5-amino-1,2,3-thiadiazole-4-carbothioamides. <i>Chemistry of Heterocyclic Compounds</i> , 1988, 24, 1051-1055.	1.2	5
106	Electron impact induced cyclization of ortho-cyclopropylphenylacetamides and benzamides. Prognosis for a similar reaction in solution. <i>European Journal of Mass Spectrometry</i> , 1998, 4, 55.	0.7	5
107	Title is missing!. <i>Journal of Analytical Chemistry</i> , 2002, 57, 518-528.	0.9	5
108	Matrix-Assisted Laser Desorption/Ionization Post-Source Decay Fragmentation of the Cystine-Containing Amphibian Peptides with Novel Cysteine Tags. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 73-83.	1.0	5

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109	Photocatalytic Degradation of Chlothianidin: Effect of Humic Acids, Nitrates, and Oxygen. <i>Journal of Analytical Chemistry</i> , 2019, 74, 1371-1377.	0.9	5
110	Study of the Aquatic Chlorination of UV Filter Avobenzone in the Presence of Inorganic Salts by Gas Chromatography-High-Resolution Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , 2019, 74, 1271-1276.	0.9	5
111	Occurrence of Volatile and Semi-Volatile Organic Pollutants in the Russian Arctic Atmosphere: The International Siberian Shelf Study Expedition (ISSS-2020). <i>Atmosphere</i> , 2021, 12, 767.	2.3	5
112	Differentiation of Central Slovenian and Moscow populations of <i>Rana temporaria</i> frogs using peptide biomarkers of temporins family. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5333-5347.	3.7	5
113	The Electron Impact Induced Fragmentation of 1-Aryl-5-hydroxy-1,2,3-triazole-4-carboxamides. <i>Australian Journal of Chemistry</i> , 1990, 43, 2021.	0.9	4
114	New cysteine-modifying reagents: Efficiency of derivatization and influence on the signals of the protonated molecules of disulfide-containing peptides in matrix-assisted laser desorption/ionization mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2010, 65, 1320-1327.	0.9	4
115	Manual mass spectrometry <i>de novo</i> sequencing of the anionic host defense peptides of the Cuban Treefrog <i>Osteopilus septentrionalis</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9061.	1.5	4
116	Mass Spectrometry Differentiation between <i>Rana arvalis</i> Populations Based on Their Skin Peptidome Composition. <i>Journal of the American Society for Mass Spectrometry</i> , 0, .	2.8	4
117	Electron impact fragmentation of isomeric 2-diazo-2-cyanoacetamides and 4-cyano-5-hydroxy-1,2,3-triazoles. <i>Organic Mass Spectrometry</i> , 1988, 23, 825-828.	1.3	3
118	Synthesis and transformations of 2-amino-1,3,4-thiadiazines. <i>Chemistry of Heterocyclic Compounds</i> , 1991, 27, 442-446.	1.2	3
119	Recent problems and advances in mass spectrometry (Review). <i>Inorganic Materials</i> , 2008, 44, 1482-1490.	0.8	3
120	Direct laser desorption/ionization mass spectrometry characterization of some aromatic lanthanide carboxylates. <i>Journal of Alloys and Compounds</i> , 2008, 451, 410-413.	5.5	3
121	Cyclization of 2-Acyl- and 2-Thioacylamino-Benzylcyclopropanes in the Gas Phase and Solution. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 385-398.	1.0	3
122	HPLC and MALDI investigation of the stress influence on the composition of skin secretion of the Common frog <i>Rana temporaria</i> . <i>Journal of Analytical Chemistry</i> , 2011, 66, 1361-1368.	0.9	3
123	Applicability of MALDI mass spectrometry for diagnostics of phase variants in bacterial populations. <i>Microbiology</i> , 2015, 84, 328-346.	1.2	3
124	The Role of Sphingolipids in Cardiovascular Pathologies. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2019, 13, 122-131.	0.4	3
125	Comprehensive two-dimensional gas chromatography-high resolution mass spectrometry with complementary ionization methods in the study of 5000-year-old mummy. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9058.	1.5	3
126	The Sphingolipid Asset Is Altered in the Nigrostriatal System of Mice Models of Parkinson's Disease. <i>Biomolecules</i> , 2022, 12, 93.	4.0	3

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127	Aqueous Chlorination of D-Limonene. <i>Molecules</i> , 2022, 27, 2988.	3.8	3
128	Mass spectra of N-arylamino sulphonyl carbethoxy diazoacetamides. <i>Organic Mass Spectrometry</i> , 1991, 26, 789-792.	1.3	2
129	Concerning the formation of C ₃ H ₃ O ⁺ and C ₄ H ₇ ⁺ ions from the cyclohexanone molecular ion. <i>Rapid Communications in Mass Spectrometry</i> , 1991, 5, 160-163.	1.5	2
130	Isomerization of thioamidomethyl pyridine ylides and isoquinoline ylides under electron impact. <i>European Journal of Mass Spectrometry</i> , 1997, 3, 217.	0.7	2
131	Cyclization of N,N-Dialkyldithiocarbamate and Alkylxanthate Derivatives of Polyhalogenated Pyridines in Gas and Liquid Phases. <i>European Journal of Mass Spectrometry</i> , 2004, 10, 57-62.	1.0	2
132	Molecular recognition of pseudodistamine isomeric precursors trans-3(4)-aminopiperidin-4(3)-ols by EI mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 322-326.	2.8	2
133	Synthesis and aromatizional rearrangements of new imino-, hydrazono-, and azino-2,5-cyclohexadienylidene systems as ligands for cascade type metallocomplexes. <i>Russian Chemical Bulletin</i> , 1997, 46, 350-354.	1.5	1
134	Fragmentation of 3,7-dialkyl-1,5-diphenyl-3,7-diazabicyclo[3.3.1]nonan-9-ones under electron ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1949-1953.	1.5	1
135	Products of the photolysis of 3,6-dichloropicolinic acid (the herbicide Iontrel) in aqueous solutions. <i>Applied Biochemistry and Microbiology</i> , 2007, 43, 227-231.	0.9	1
136	Study of the initial stages of 2-methylpyridine catabolism by <i>Arthrobacter</i> sp. strain KM-2MP. <i>Microbiology</i> , 2011, 80, 341-349.	1.2	1
137	Changes in the Content of Sphingolipids in the Nigrostriatal Dopaminergic System in the Brain of Mice with a Neurotoxic Model of Parkinson's Disease. <i>Neurochemical Journal</i> , 2021, 15, 175-180.	0.5	1
138	The gas phase cyclization of deprotonated N-aryl-2-diazo-2-cyanoacetamides. <i>Arkivoc</i> , 2005, 2005, 189-198.	0.5	1
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