

# Prabhakar Sripadi

## List of Publications by Year in descending order

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134  
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2,232  
citations

304743

22  
h-index

289244

40  
g-index

134  
all docs

134  
docs citations

134  
times ranked

2572  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive analysis of the human platelet proteome by two-dimensional gel electrophoresis and mass spectrometry. <i>Proteomics</i> , 2004, 4, 656-668.	2.2	168
2	Differential proteome analysis of TRAP-activated platelets: involvement of DOK-2 and phosphorylation of RGS proteins. <i>Blood</i> , 2004, 103, 2088-2095.	1.4	162
3	A magic-angle spinning <sup>31</sup> P NMR investigation of crystalline and glassy inorganic phosphates. <i>Chemical Physics Letters</i> , 1987, 139, 96-102.	2.6	146
4	<i>Planococcus antarcticus</i> and <i>Planococcus psychrophilus</i> spp. nov. isolated from cyanobacterial mat samples collected from ponds in Antarctica. <i>Extremophiles</i> , 2002, 6, 253-261.	2.3	98
5	Simultaneous quantitative determination of Sudan dyes using liquid chromatography-atmospheric pressure photoionization-tandem mass spectrometry. <i>Food Chemistry</i> , 2009, 115, 1556-1562.	8.2	73
6	Unraveling adaptive evolution: how a single point mutation affects the protein coregulation network. <i>Nature Genetics</i> , 2006, 38, 1015-1022.	21.4	68
7	A Novel Copper(II)/Tin(II) Reagent for Aqueous Carbonyl Allylation: In Situ Diagnostics of Reactive Organometallics in Water. <i>Organometallics</i> , 1997, 16, 4796-4799.	2.3	59
8	Phenotypic and cell cycle properties of human oligodendrocytes in vitro. <i>Brain Research</i> , 1995, 672, 159-169.	2.2	47
9	In vitro analysis of metabolites from the untreated tissue of <i>Torpedo californica</i> electric organ by mid-infrared laser ablation electrospray ionization mass spectrometry. <i>Metabolomics</i> , 2009, 5, 263-276.	3.0	42
10	Nef-Mediated Lipid Raft Exclusion of UbcH7 Inhibits Cbl Activity in T Cells to Positively Regulate Signaling. <i>Immunity</i> , 2005, 23, 621-634.	14.3	35
11	Subcellular Metabolite and Lipid Analysis of <i>Xenopus laevis</i> Eggs by LAESI Mass Spectrometry. <i>PLoS ONE</i> , 2014, 9, e115173.	2.5	33
12	Ion-pair solid-phase extraction and gas chromatography-mass spectrometric determination of acidic hydrolysis products of chemical warfare agents from aqueous samples. <i>Journal of Chromatography A</i> , 2006, 1129, 9-13.	3.7	31
13	Synthesis of bis-1,2,3-triazolo-bridged unsymmetrical pyrrolobenzodiazepine trimers via "click" chemistry and their DNA-binding studies. <i>Tetrahedron</i> , 2010, 66, 5498-5506.	1.9	31
14	A Novel Copper(II)/Tin(II) Reagent for Regio- and Chemoselective Carbonyl Propargylation. <i>Organometallics</i> , 1999, 18, 2782-2785.	2.3	30
15	Direct Detection of Diverse Metabolic Changes in Virally Transformed and Tax-Expressing Cells by Mass Spectrometry. <i>PLoS ONE</i> , 2010, 5, e12590.	2.5	30
16	Estimation of proton affinity of proline and tryptophan under electrospray ionization conditions using the extended kinetic method. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 957-962.	1.5	29
17	Gas chromatographic-mass spectrometric determination of alkylphosphonic acids from aqueous samples by ion-pair solid-phase extraction on activated charcoal and methylation. <i>Journal of Chromatography A</i> , 2007, 1157, 391-398.	3.7	29
18	Copper(II)/Tin(II) Reagent for Allylation, Propargylation, Alkylation, and Benzoylation of Disulfides and Elemental Sulfur: A New Insight into the "Copper Effect". <i>Organometallics</i> , 2001, 20, 157-162.	2.3	28

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19	Isolation and characterization of phthalates from <i>Brevibacterium mcbrellneri</i> that cause cytotoxicity and cell cycle arrest. <i>EXCLI Journal</i> , 2017, 16, 375-387.	0.7	28
20	Amplified fragment length polymorphism and metabolomic profiles of hairy roots of <i>Psoralea corylifolia</i> L.. <i>Phytochemistry</i> , 2005, 66, 2441-2457.	2.9	26
21	Chiral discrimination of D- and L-amino acids using iodinated tyrosines as chiral references: Effect of iodine substituent. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1516-1524.	2.8	26
22	Cerium(IV) Ammonium Nitrate Induced Dimerization of Methoxystyrenes. <i>Tetrahedron</i> , 2000, 56, 2461-2467.	1.9	24
23	Characterization of amino acid-derived betaines by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 79-88.	1.6	23
24	Abnormal cell cycle regulation in primary human uveal melanoma cultures. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 708-720.	2.6	22
25	Chemical profiling and anti-psoriatic activity of methanolic extract of <i>Andrographis nallamalayana</i> J.L.Ellis. <i>Natural Product Research</i> , 2016, 30, 1256-1261.	1.8	22
26	Induction of apoptosis in lung carcinoma cells by antiproliferative cyclic lipopeptides from marine algicolous isolate <i>Bacillus atrophaeus</i> strain AKLSR1. <i>Process Biochemistry</i> , 2019, 79, 142-154.	3.7	22
27	Trace level detection and identification of chemicals related to the chemical weapons convention from complex organic samples. <i>Journal of Chromatography A</i> , 2004, 1038, 225-230.	3.7	21
28	Changes in the photosynthetic apparatus and lipid droplet formation in <i>Chlamydomonas reinhardtii</i> under iron deficiency. <i>Photosynthesis Research</i> , 2019, 139, 253-266.	2.9	21
29	Investigation of Anion-π Interactions Involving Thiophene Walls Incorporated Calix[4]pyrroles. <i>Journal of Organic Chemistry</i> , 2015, 80, 1746-1753.	3.2	20
30	Negative ion electrospray ionization mass spectral study of dicarboxylic acids in the presence of halide ions. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1109-1115.	1.5	19
31	Differentiation of Underivatized Diastereomeric Hexosamine Monosaccharides and Their Quantification in a Mixture Using the Kinetic Method under Electrospray Ionization Conditions. <i>Analytical Chemistry</i> , 2004, 76, 3505-3509.	6.5	19
32	Mass spectral analysis of N-oxides of Chemical Weapons Convention related aminoethanols under electrospray ionization conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 533-542.	1.5	19
33	Mass spectral analysis of N-oxides of nitrogen mustards, and N,N-dialkylaminoethyl-2-chlorides under electrospray ionization conditions. <i>International Journal of Mass Spectrometry</i> , 2013, 333, 15-20.	1.5	19
34	One-pot synthesis of functionalized isoxazole-thiolane hybrids via Knoevenagel condensation and domino sulfa-1,6-Michael/intramolecular vinylogous Henry reactions. <i>RSC Advances</i> , 2015, 5, 94474-94478.	3.6	19
35	Novel actinomycin group compound from newly isolated <i>Streptomyces</i> sp. RAB12: isolation, characterization, and evaluation of antimicrobial potential. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1241-1250.	3.6	19
36	G-Quadruplex formation of deoxyguanosine in the presence of alkaline earth metal ions studied by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2095-2098.	1.5	18

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37	Synthesis of (±) tylophorinine. <i>Tetrahedron</i> , 1965, 21, 2573-2578.	1.9	17
38	Diels-Alder trapping of 3-methylenequinolin-2,4-dione: a facile synthesis of pyranoquinolinones and spiroquinolinediones. <i>Tetrahedron</i> , 2001, 57, 7711-7717.	1.9	17
39	Mass spectral study on O,O-dialkyl N,N-dialkyl phosphoramidates under electron impact conditions. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 547-557.	2.8	16
40	Differentiation of derivatized leucine and isoleucine by tandem mass spectrometry under liquid secondary ion mass spectral conditions. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 1429-1434.	1.5	15
41	Differentiation of enantiomeric drugs by iodine-substituted amino acid references under electrospray ionization mass spectrometric conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1385-1391.	1.5	15
42	Prostate Cancer Associated Lipid Signatures in Serum Studied by ESI-Tandem Mass Spectrometry as Potential New Biomarkers. <i>PLoS ONE</i> , 2016, 11, e0150253.	2.5	15
43	[4+2] Cycloaddition reactions of o-thioquinones with pentafulvenes: efficient synthesis of benzoxathiins. <i>Tetrahedron</i> , 2002, 58, 3235-3241.	1.9	14
44	The kinetic method reveals secondary deuterium isotope effects on the proton affinity and gas-phase basicity of glycine and alanine methyl esters. <i>International Journal of Mass Spectrometry</i> , 2003, 230, 175-183.	1.5	14
45	Coordination chemistry of chromium-Salen complexes studied by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1103-1108.	1.5	14
46	Mass spectral studies of a series of N,N-dialkyl aminoethyl-2-chlorides and trimethyl silyl ethers of N,N-dialkyl aminoethane-2-ols under electron impact conditions. <i>Journal of Mass Spectrometry</i> , 2006, 41, 59-70.	1.6	14
47	Identification and characterization of stress degradants of lacosamide by LC-MS and ESI-Q-TOF-MS/MS: Development and validation of a stability indicating RP-HPLC method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 256-264.	2.8	14
48	Generation and characterization of distonic dehydrophenoxide radical anions under electrospray and atmospheric pressure chemical ionizations. <i>International Journal of Mass Spectrometry</i> , 2011, 299, 169-177.	1.5	13
49	Characterization of N-methylated amino acids by GC-MS after ethyl chloroformate derivatization. <i>Journal of Mass Spectrometry</i> , 2016, 51, 638-650.	1.6	13
50	Acetone chemical ionization mass spectrometry. <i>Mass Spectrometry Reviews</i> , 1997, 16, 259-281.	5.4	12
51	Hetero Diels-Alder reactions of o-thioquinones with cyclic dienes: an efficient synthesis of novel heterocyclic compounds. <i>Tetrahedron</i> , 2001, 57, 8349-8356.	1.9	12
52	Mass spectral study of O- and S-aryl dimethylthiocarbamates under electron impact conditions: Newman-Kwart rearrangement in the gas phase. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2127-2134.	1.5	12
53	Dipolar cycloaddition of carbonyl ylides to 2-oxoindolinylidenes: a facile approach towards the synthesis of functionalized spiroindolenins. <i>Tetrahedron</i> , 2002, 58, 7221-7231.	1.9	12
54	Synthesis and conformational studies of amide-linked cyclic homooligomers of a thymidine-based nucleoside amino acid. <i>Tetrahedron</i> , 2005, 61, 9506-9512.	1.9	12

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55	Hypoiodous acid-catalyzed regioselective geminal addition of methanol to vinylarenes: synthesis of anti-Markovnikov methyl acetals. <i>RSC Advances</i> , 2015, 5, 73732-73736.	3.6	12
56	Human Naa50 Protein Displays Broad Substrate Specificity for Amino-terminal Acetylation. <i>Journal of Biological Chemistry</i> , 2016, 291, 20530-20538.	3.4	12
57	Design of DNA-intercalators based copper(II) complexes, investigation of their potential anti-cancer activity and sub-chronic toxicity. <i>Materials Science and Engineering C</i> , 2019, 105, 110079.	7.3	12
58	Chemical ionization mass spectral analysis of pinacolyl alcohol and development of derivatization method using p-tolyl isocyanate. <i>Analytical Methods</i> , 2010, 2, 1599.	2.7	11
59	Mass spectral characterization of the CWC-related isomeric dialkyl alkylphosphonothiolates/alkylphosphonothionates under gas chromatography/mass spectrometry conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1461-1472.	1.5	11
60	Enantiomeric differentiation of $\beta$ -amino alcohols under electrospray ionization mass spectrometric conditions. <i>Journal of Mass Spectrometry</i> , 2014, 49, 108-116.	1.6	11
61	p-Tolyl isocyanate derivatization for analysis of CWC-related polar degradation products by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5093-5102.	3.7	10
62	Rapid screening of N-oxides of chemical warfare agents degradation products by ESI-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5235-5241.	3.7	10
63	Lutein and $\beta$ -carotene biosynthesis in <i>Scenedesmus</i> sp. SVMIICT1 through differential light intensities. <i>Bioresource Technology</i> , 2021, 341, 125814.	9.6	10
64	Auxiliary approach to evaluate the isomeric decarboxylated anions from 2-, 3- and 4-sulfobenzoates in the gas phase by using ion-molecule reactions with carbon dioxide in the collision cell. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1045-1048.	1.5	9
65	Identification and quantification of methyl nicotinate in rice ( <i>Oryza sativa</i> L.) by gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2007, 105, 736-741.	8.2	9
66	Electrospray ionization mass spectral studies of <i>N,N</i> -dialkylaminoethane-sulphonic acids. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3937-3945.	1.5	9
67	Biotransformation of $\pm$ -Pinene to Terpeneol by Resting Cell Suspension of <i>Absidia corulea</i> . <i>Indian Journal of Microbiology</i> , 2012, 52, 292-294.	2.7	9
68	Concomitant Nitrene and Carbene Insertion Accompanying Ring Expansion: Spectroscopic, X-ray, and Computational Studies. <i>Journal of Organic Chemistry</i> , 2014, 79, 1199-1205.	3.2	9
69	Biophysical and biochemical characterization of active secondary metabolites from <i>Aspergillus allahabadii</i> . <i>Process Biochemistry</i> , 2017, 56, 45-56.	3.7	9
70	A combined targeted/untargeted screening based on GC/MS to detect low-molecular-weight compounds in different milk samples of different species and as affected by processing. <i>International Dairy Journal</i> , 2021, 118, 105045.	3.0	9
71	Novel cycloadditions of ortho-thioquinones with acyclic dienes: expeditious synthesis of 1,4-benzooxathiines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 3020-3024.	1.3	8
72	Mass Spectral Analysis of Chloropicrin under Negative Ion Chemical Ionization Conditions. <i>Analytical Chemistry</i> , 2005, 77, 3406-3410.	6.5	8

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73	Chiral discrimination of $\alpha$ -amino acids by the DNA triplet GCA using amino acids as a co-selector. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1218-1224.	1.6	8
74	Characterization of <i>N,N</i> -dimethyl amino acids by electrospray ionization-tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2015, 50, 771-781.	1.6	8
75	Synthesis of Pyrido-Fused Imidazo[4,5-c]quinolines by I <sub>2</sub> -DMSO Promoted Oxidative Cross Coupling and Intramolecular Cyclization. <i>Synthesis</i> , 2017, 49, 1603-1612.	2.3	8
76	Evolution of nutraceutical onion plants engineered for resveratrol biosynthetic pathway. <i>Plant Cell Reports</i> , 2019, 38, 1127-1137.	5.6	8
77	Thiophene-phenylquinazoline probe for selective ratiometric fluorescence and visual detection of Fe(III) and turn-off fluorescence for $\text{Ca}^{2+}$ and its applications. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1707-1716.	2.9	8
78	Identification, characterization and evaluation of novel antifungal cyclic peptides from <i>Neobacillus drentensis</i> . <i>Bioorganic Chemistry</i> , 2021, 115, 105180.	4.1	8
79	Chiral recognition and the determination of optical purity of $\alpha$ -phenylethylamine using monosaccharide as a chiral selector under liquid secondary ion mass spectral conditions. <i>European Journal of Mass Spectrometry</i> , 1999, 5, 485.	0.7	7
80	Claisen rearrangement of allyl phenyl ether and its sulfur and selenium analogues on electron impact. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1116-1122.	1.5	7
81	Mass spectral study of meso-alkyl and meso-cycloalkyl calix(4)pyrroles under electron impact conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2077-2086.	1.5	7
82	Electrospray ionisation mass spectral studies on hydrolysed products of sulfur mustards. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 981-986.	1.5	7
83	In situ nucleophilic substitution reaction of <i>N,N</i> -dialkylaminoethyl-2-chlorides monitored by gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2209-2214.	1.5	7
84	Mass spectral studies of meso-dialkyl, alkyl aryl and cycloalkyl calix(4)pyrroles under positive and negative ion electrospray ionization conditions. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1194-1206.	1.6	7
85	Estimation of gas-phase acidities of deoxyribonucleosides: An experimental and theoretical study. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 136-143.	2.8	7
86	Cloning of fatty acid desaturase-coding sequence (Lufad3) from flax and its functional validation in rice. <i>Plant Biotechnology Reports</i> , 2017, 11, 259-270.	1.5	7
87	ESI-MS/MS analysis of protonated <i>N,N</i> -methyl amino acids and their immonium ions. <i>Journal of Mass Spectrometry</i> , 2019, 54, 761-771.	1.6	7
88	Identification and characterization of forced degradation products of vortioxetine by LC/MS/MS and NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113442.	2.8	7
89	Mass spectral differentiation of diastereomeric hydroxybrevicomins by electron ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2990-2994.	1.5	6
90	Differentiation of diastereomeric conduramine derivatives under electron ionization and chemical ionization mass spectral conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 579-588.	1.5	6

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91	Differentiation of the diastereomeric synthetic precursors of isofebrifugine and febrifugine by electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2241-2247.	1.5	6
92	Detection and characterization of N-alkyl diethanolamines and N-2-alkoxyethyl diethanolamines in milk by electrospray ionization mass spectrometry. <i>Metabolomics</i> , 2013, 9, 623-630.	3.0	6
93	Evaluating the cation binding strength and selectivity of calix[4]pyrroles: a computational and ESI-MS/MS study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 17266-17271.	2.8	6
94	Mass Spectral Studies on Vinylic Degradation Products of Sulfur Mustards under Gas Chromatography/Mass Spectrometry Conditions. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 791-800.	1.0	6
95	Insights into the Morita-Baylis-Hillman reaction of isomeric dibenzofuran carbaldehydes: a theoretical and mass spectral study. <i>RSC Advances</i> , 2015, 5, 99133-99142.	3.6	6
96	Mass spectral study of substituted allyl aryl and allyl alkyl selenides and some analogous sulfides. , 1999, 13, 1564-1572.		5
97	Differentiation of diastereomeric <i>N</i> -aryltetrahydropyrano/tetrahydrofuranochromenylamines under electron ionization and chemical ionization conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3511-3519.	1.5	5
98	Testing temperature-induced proteomic changes in the plant-associated bacterium <i>Pseudomonas fluorescens</i> SBW25. <i>Environmental Microbiology Reports</i> , 2010, 2, 396-402.	2.4	5
99	Sulforaphane interaction with amyloid beta 1-40 peptide studied by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2171-2180.	1.5	5
100	Electrospray ionization tandem mass spectrometry study of six isomeric cationic amphiphiles with ester/amide linker. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1209-1214.	1.5	5
101	Intramolecular cyclization assisted oxidative addition: synthesis of octahedral cycloplatinated methyl complexes. <i>RSC Advances</i> , 2015, 5, 20295-20301.	3.6	5
102	Tuning the strain effect to induce selectivity through intramolecular nitrene insertion into an adjacent methoxy C-H bond leading to form a new benzoxazole: experimental and computational studies. <i>Tetrahedron Letters</i> , 2016, 57, 1899-1902.	1.4	5
103	Characterization of degradation products of silodosin under stress conditions by liquid chromatography/Fourier transform mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 572-582.	1.5	5
104	Nitrene insertion into an adjacent <i>o</i> -methoxy group followed by nucleophilic addition to the heterocumulene intermediate: Experimental and computational studies. <i>Tetrahedron</i> , 2017, 73, 5280-5288.	1.9	5
105	Identification and characterization of impurities in an insecticide, bifenthrin technical. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4605.	1.6	5
106	Acetone chemical ionization studies. Acetone chemical ionization studies <sup>IX</sup> : amino acids and nucleobases. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1945-1952.	1.5	4
107	Cycloaddition reactions of 2-oxo-2H-cyclohepta[b]furan derivatives with arylacetylenes and the di- $\pi$ -methane rearrangement of homobarrelene derivatives. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3795-3798.	1.3	4
108	Electrospray ionisation tandem mass spectrometric study of hydrogen-bonding interactions of some disaccharides with lysine. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1017-1021.	1.5	4



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109	Differentiation of Isomeric Substituted Diaryl Ethers by Electron Ionization and Chemical Ionization Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2006, 12, 161-170.	1.0	4
110	Differentiation of isomeric 2-aryldimethyltetrahydroquinolinones by electron ionization and electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2815-2827.	1.5	4
111	LC-ESI-MS/MS studies on saxagliptin and its forced degradation products. <i>Analytical Methods</i> , 2014, 6, 8212-8221.	2.7	4
112	Insights into the binding sites of sulforaphane on insulin studied by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1155-1164.	1.5	4
113	Silver(i) catalyzed intramolecular cyclization of N-(2-(alk-1-yn-1-yl))-1H-tetrazoles leading to the formation of N-cyano-2-substituted indoles under ambient conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1574-1579.	4.5	4
114	Mass spectral studies of N-oxides of chemical weapons convention-related aminoethanols by gas chromatography/mass spectrometry after silylation. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 442-453.	1.0	4
115	Mass Spectral Study of Diastereomers on Electron Impact. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 737-741.	1.5	3
116	Identification and characterization of reaction products of 5-hydroxytryptamine with methylglyoxal and glyoxal by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1529-1539.	1.5	3
117	Optimization of esters of nerium biodiesel in a diesel engine. <i>Indian Journal of Science and Technology</i> , 2011, 4, 170-172.	0.7	3
118	Targeting Insulin Amyloid Assembly by Aminosugars and Their Derivatives. <i>Protein and Peptide Letters</i> , 2011, 18, 588-593.	0.9	3
119	Acetone chemical ionization studies. VIII: pyridine derivatives. <i>European Journal of Mass Spectrometry</i> , 1995, 1, 539.	0.7	2
120	Mass spectral study of diastereomers by electron impact. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 651-654.	1.5	2
121	JMS Letters. <i>Journal of Mass Spectrometry</i> , 1997, 32, 122-123.	1.6	2
122	Synthesis of 8,11-dihydrospiro[cyclohexane-1,2-oxepino[2,3-h] chromen]-4(3H)-ones with ring closing metathesis as a key step. <i>RSC Advances</i> , 2018, 8, 38673-38680.	3.6	2
123	Differential cationization of fatty acids with monovalent cations studied by electrospray ionization tandem mass spectrometry and a computational approach. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1126-1134.	1.5	2
124	Gas chromatography/mass spectrometry analysis of reaction products of sulfur mustards with phenol. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 213-224.	1.0	2
125	Mass spectral study of diastereomers on electron impact, III: 2-bromo-3-acetoxysuccinates and tartrate diacetates. <i>European Journal of Mass Spectrometry</i> , 1997, 3, 415.	0.7	1
126	Mass spectral study of isomeric benzoxazolinones by electron ionisation. <i>European Journal of Mass Spectrometry</i> , 1997, 3, 49.	0.7	1



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127	Characterisation of a series of acetals/ketals of bis(2-nitrophenyl) ethanediol and bis(4,5-dimethoxy-2-nitrophenyl) ethanediol under APCI mass spectrometric conditions. Journal of Mass Spectrometry, 2006, 41, 1608-1614.	1.6	1
128	Mass Spectrometry in India. European Journal of Mass Spectrometry, 2012, 18, 1-35.	1.0	1
129	Phytochemical Profiling and In Vitro Anticancer Activity of Purified Flavonoids of Andrographis glandulosa. Planta Medica International Open, 2017, 4, e24-e34.	0.5	1
130	Stress degradation study of bortezomib: effect of co-solvent, isolation and characterization of degradation products by UHPLC-Q-TOF-MS/MS and NMR and evaluation of the toxicity of the degradation products. New Journal of Chemistry, 2021, 45, 8178-8191.	2.8	1
131	Mimicking LysC Proteolysis by Arginine Modification-cum-Trypsin Digestion™: Comparison of Bottom-up & Middle-down Proteomic Approaches by ESI Q-TOF MS. Protein and Peptide Letters, 2021, 28, 1379-1390.	0.9	1
132	Gas-phase basicity and proton affinity measurements of Alzheimer's disease drugs by the extended kinetic method and a theoretical investigation. European Journal of Mass Spectrometry, 2020, 26, 388-399.	1.0	0
133	Effect of Injection Pressure and Injection Timing in Performance and Emission Characteristics of Algae Oil in DI Engine. Journal of Computational and Theoretical Nanoscience, 2018, 15, 2988-2996.	0.4	0
134	Synthesis of spiro chromanone sandwiched 15,16,18 membered <i>(Z)</i> -dioxo cycloalkenes by ring closing metathesis and homodimers of 8-allyl-7-((6-bromoalkyl) oxy) spirochroman-4-ones by cross metathesis. Synthetic Communications, 2022, 52, 745-754.	2.1	0