

# Mariappanadar Vairamani

## List of Publications by Year in descending order

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118  
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2,634  
citations

236925

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126  
all docs

126  
docs citations

126  
times ranked

2531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characteristics of rainwater at an urban site of south-central India. Atmospheric Environment, 2003, 37, 3019-3026.	4.1	208
2	Carotenoids of an Antarctic psychrotolerant bacterium, Sphingobacterium antarcticus, and a mesophilic bacterium, Sphingobacterium multivorum. Archives of Microbiology, 2000, 173, 418-424.	2.2	109
3	G-Quadruplex Formation of Thrombin-Binding Aptamer Detected by Electrospray Ionization Mass Spectrometry. Journal of the American Chemical Society, 2003, 125, 42-43.	13.7	107
4	Tigerinins: Novel Antimicrobial Peptides from the Indian Frog Rana tigerina. Journal of Biological Chemistry, 2001, 276, 2701-2707.	3.4	99
5	Planococcus antarcticus and Planococcus psychrophilus spp. nov. isolated from cyanobacterial mat samples collected from ponds in Antarctica. Extremophiles, 2002, 6, 253-261.	2.3	98
6	Removal of lead from aqueous solutions using an immobilized biomaterial derived from a plant biomass. Journal of Hazardous Materials, 2004, 108, 111-117.	12.4	97
7	An efficient bromination of alkenes using cerium(IV) ammonium nitrate (CAN) and potassium bromide. Tetrahedron, 2001, 57, 7417-7422.	1.9	93
8	Signaling by the human serotonin <sub>1A</sub> receptor is impaired in cellular model of Smith-Lemli-Opitz Syndrome. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1508-1516.	2.6	83
9	Carotenoid Pigments of an Antarctic Psychrotrophic Bacterium Micrococcus Roseus: Temperature Dependent Biosynthesis, Structure, and Interaction with Synthetic Membranes. Biochemical and Biophysical Research Communications, 1997, 239, 85-90.	2.1	81
10	Simultaneous quantitative determination of Sudan dyes using liquid chromatography-atmospheric pressure photoionization-tandem mass spectrometry. Food Chemistry, 2009, 115, 1556-1562.	8.2	73
11	Unusual positive ion reagents in chemical ionization mass spectrometry. Mass Spectrometry Reviews, 1990, 9, 235-258.	5.4	71
12	Estimation of the proton affinity values of fifteen matrix-assisted laser desorption/ionization matrices under electrospray ionization conditions using the kinetic method. Journal of the American Society for Mass Spectrometry, 2004, 15, 431-435.	2.8	63
13	Norbornene-Constrained Cyclic Peptides with Hairpin Architecture: Design, Synthesis, Conformation, and Membrane Ion Transport. Journal of Organic Chemistry, 2000, 65, 365-374.	3.2	53
14	Estimation of SO <sub>4</sub> contribution by dry deposition of SO <sub>2</sub> onto the dust particles in India. Atmospheric Environment, 2003, 37, 3057-3063.	4.1	48
15	Enantioenriched (S)-6,6-diphenylbinol-Ca: a novel and efficient chiral modified metal complex for asymmetric epoxidation of $\alpha,\beta$ -unsaturated enones. Tetrahedron: Asymmetry, 2003, 14, 3797-3803.	1.8	44
16	Occurrence of natural fullerenes in low grade metamorphosed Proterozoic shungite from Karelia, Russia. Geochimica Et Cosmochimica Acta, 1998, 62, 3541-3544.	3.9	39
17	Differential effects of cholesterol and 7-dehydrocholesterol on ligand binding of solubilized hippocampal serotonin <sub>1A</sub> receptors: Implications in SLOS. Biochemical and Biophysical Research Communications, 2007, 363, 800-805.	2.1	37
18	Electron Transfer Reaction of Oxo(salen)chromium(V) Ion with Anilines. Inorganic Chemistry, 2004, 43, 5744-5753.	4.0	36

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19	Cyclic Homooligomers of Furanoid Sugar Amino Acids. <i>Journal of Organic Chemistry</i> , 2003, 68, 6257-6263.	3.2	35
20	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
21	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
22	A novel, shape-selective, zeolite-catalyzed synthesis of calix(4)pyrroles. <i>Chemical Communications</i> , 2001, , 2226-2227.	4.1	28
23	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
24	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
25	High-pressure phase of natural fullerene C60 in iridium-rich Cretaceous Tertiary boundary layers of Deccan intertrappean deposits, Anjar, Kutch, India. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 978-987.	3.9	26
26	Mass spectral studies of N,N-dialkylaminoethanols. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 746-752.	1.5	25
27	Cerium(IV) Ammonium Nitrate Induced Dimerization of Methoxystyrenes. <i>Tetrahedron</i> , 2000, 56, 2461-2467.	1.9	24
28	Environmental Risk Assessment Studies of Heavy Metal Contamination in the Industrial Area of Kattedan, India A Case Study. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006, 12, 408-422.	3.4	23
29	Design, Synthesis, and Characterization of Tyrosinophanes, a Novel Family of Aromatic-Bridged Tyrosine-Based Cyclodepsipeptides. <i>Journal of Organic Chemistry</i> , 1999, 64, 3620-3629.	3.2	22
30	Oxidation of methionines by oxochromium(V) cations: A kinetic and spectral study. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 274-282.	3.5	22
31	Spatial regulation of alpha-galactosidase activity and its influence on raffinose family oligosaccharides during seed maturation and germination in <i>Cicer arietinum</i> . <i>Plant Signaling and Behavior</i> , 2020, 15, 1709707.	2.4	22
32	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
33	Chiral recognition and the determination of optical purity of some amino acid ester salts using monosaccharides as chiral selectors under liquid secondary ion mass spectral conditions. <i>Chemical Communications</i> , 1999, , 1215-1216.	4.1	20
34	5-Ethyl-2-mercaptothiazole as matrix for matrix-assisted laser desorption/ionization of a broad spectrum of analytes in positive and negative ion mode. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1879-1884.	1.5	20
35	Generation of regiospecific carbanions under electrospray ionisation conditions and their selectivity in ion-molecule reactions with CO2. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 987-993.	1.5	20
36	Iron(III)-salen-H2O2 as a peroxidase model: electron transfer reactions with anilines. <i>Transition Metal Chemistry</i> , 2011, 36, 751-759.	1.4	20

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37	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
38	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
39	Estimation of gas-phase acidities of a series of dicarboxylic acids by the kinetic method. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1053-1057.	1.5	19
40	Mass spectral analysis of <i>N</i> -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
41	Reduction of olefinic bond under ammonia chemical ionization. <i>Tetrahedron</i> , 1984, 40, 4085-4088.	1.9	18
42	Determination of cis and trans isomers of monocrotophos in technical products by reversed-phase column liquid chromatography. <i>Journal of Chromatography A</i> , 2000, 903, 255-260.	3.7	18
43	5-Amino-2-mercapto-1,3,4-thiadiazole: a new matrix for the efficient matrix-assisted laser desorption/ionization of neutral carbohydrates. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1666-1674.	1.5	18
44	Dissociation of gas-phase dimeric complexes of lactic acid and transition-metal ions formed under electrospray ionization conditions; the role of reduction of the metal ion. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 113-120.	1.5	18
45	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
46	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
47	Electrospray ionization studies of transition-metal complexes of 2-acetylbenzimidazolethiosemicarbazone using collision-induced dissociation and ion-molecule reactions. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1536-1544.	1.5	17
48	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
49	The effect of spacer chain length on ion binding to bidentate 1,3-diamines: Contrasting ordering for H <sup>+</sup> and Li <sup>+</sup> ion affinities. <i>Chemical Communications</i> , 2005, , 1420-1422.	4.1	16
50	Structural investigations of polypropylene glycol (PPG) and isophorone diisocyanate (IPDI) based polyurethane prepolymer by matrix-assisted laser desorption/ionization time-of-flight (MALDI-TOF)-mass spectrometry. <i>Progress in Organic Coatings</i> , 2008, 62, 117-122.	3.9	15
51	Differentiation of enantiomeric drugs by iodo-substituted amino acid references under electrospray ionization mass spectrometric conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1385-1391.	1.5	15
52	1,2-Dibromoethane as a positive chemical ionization reagent: Application to geometrical isomers. <i>Organic Mass Spectrometry</i> , 1988, 23, 620-621.	1.3	14
53	[4+2] Cycloaddition reactions of o-thioquinones with pentafulvenes: efficient synthesis of benzoxathiins. <i>Tetrahedron</i> , 2002, 58, 3235-3241.	1.9	14
54	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

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55	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
56	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
57	Chiral discrimination of $\alpha$ -amino acids by the DNA triplet GCA. <i>Chemical Communications</i> , 2007, , 392-394.	4.1	14
58	Mass spectral study of geometrical (E)- and (Z)-isomers. <i>Mass Spectrometry Reviews</i> , 1991, 10, 491-517.	5.4	13
59	Chiral discrimination of $\alpha$ -amino acids by DNA tetranucleotides under electrospray ionization conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 204-210.	1.5	13
60	Acetone chemical ionization mass spectrometry. <i>Mass Spectrometry Reviews</i> , 1997, 16, 259-281.	5.4	12
61	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
62	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
63	Dipolar cycloaddition of carbonyl ylides to 2-oxoindolinyldenes: a facile approach towards the synthesis of functionalized spiroindolenins. <i>Tetrahedron</i> , 2002, 58, 7221-7231.	1.9	12
64	Halogen-substituted phenylalanines as enantioselective selectors for enantioselective discrimination of amino acids: effect of halogen. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1393-1398.	1.5	12
65	Gas-phase halo alkylation of C60-fullerene by ion-molecule reaction under chemical ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 1993, 4, 894-897.	2.8	11
66	Electronic-state energies of the CH <sub>2</sub> <sup>2+</sup> , CH <sub>2</sub> <sup>3+</sup> and Cl <sub>2</sub> <sup>4+</sup> dications. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 2945.	1.7	11
67	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
68	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
69	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
70	Acrylonitrile: A new chemical ionization reagent. <i>Organic Mass Spectrometry</i> , 1989, 24, 435-438.	1.3	10
71	Channel-forming, self-assembling, bishelical amphiphilic peptides: design, synthesis and crystal structure of Py(Aib n) <sub>2</sub> , n = 2, 3, 4. <i>Chemical Biology and Drug Design</i> , 2000, 56, 416-426.	1.1	10
72	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

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73	Proton affinity differences among three N-acetylhexosamines studied by the kinetic method. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1089-1091.	1.5	9
74	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
75	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
76	Electrospray ionization mass spectral studies of N,N-dialkylaminoethane-2-sulphonic acids. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3937-3945.	1.5	9
77	Exploration of Mononucleotides as Fixed Ligands towards Chiral Discrimination of Hexose Monosaccharides by the Kinetic Method. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 35-43.	1.0	9
78	Mass spectra of phenoxyacetyl derivatives. Mechanism of loss of CO <sup>+</sup> from phenyl phenoxyacetates. <i>Organic Mass Spectrometry</i> , 1987, 22, 406-409.	1.3	8
79	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
80	Evaluation of methyl 3-(4-methoxy-1-naphthyl)-(E)-2-propenoate and methyl 5-(4-methoxy-1-naphthyl)-(2E,4E)-2,4-pentadienoate as new charge-transfer matrices for matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3171-3174.	1.5	8
81	Mass Spectral Analysis of Chloropicrin under Negative Ion Chemical Ionization Conditions. <i>Analytical Chemistry</i> , 2005, 77, 3406-3410.	6.5	8
82	Chiral discrimination of 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
83	Photophysics of ruthenium(II) complexes carrying amino acids in the ligand 2,2'-bipyridine and intramolecular electron transfer from methionine to photogenerated Ru(III). <i>Inorganica Chimica Acta</i> , 2009, 362, 1629-1636.	2.4	8
84	Chiral recognition and the determination of optical purity of α-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
85	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
86	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
87	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
88	In situ nucleophilic substitution reaction of N,N-dialkylaminoethyl-2-chlorides monitored by gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2209-2214.	1.5	7
89	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
90	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

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91	Investigation of Alkaline Nature of Rain Water in India. <i>Water, Air, and Soil Pollution</i> , 2001, 130, 1685-1690.	2.4	6
92	Mass spectral differentiation of diastereomeric hydroxybrevicomins by electron ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2990-2994.	1.5	6
93	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
94	Mass spectral study of substituted methyl (E)-and (Z)-cinnamates under 1,2-dibromoethane chemical ionization. <i>Organic Mass Spectrometry</i> , 1991, 26, 786-788.	1.3	5
95	Combined experimental and computational investigation of the double ionization of (CH <sub>3</sub> ) <sub>4</sub> M molecules (M = Si, Ge, Sn and Pb). <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 1901.	1.7	5
96	Effects of pisatin on <i>Dictyostelium discoideum</i> : its relationship to inducible resistance to nystatin and extension to other isoflavonoid phytoalexins. <i>Archives of Microbiology</i> , 1998, 170, 309-312.	2.2	5
97	Mass spectral study of substituted allyl aryl and allyl alkyl selenides and some analogous sulfides. , 1999, 13, 1564-1572.		5
98	Generation of Alkoxide Anions from a Series of Aliphatic Diols and Alcohols and Their Ion- <sup>-</sup> Molecule Reactions with Carbon Dioxide in the Gas Phase. <i>European Journal of Mass Spectrometry</i> , 2006, 12, 19-24.	1.0	5
99	Selenophilicity of Copper in Selenium-Carbon Bond Formation from Selenous Acid Using Cu(II)/Sn(II) Reagent. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 2943-2955.	1.6	5
100	Chiral Discrimination of Drugs by DNA Tetranucleotides under Electrospray Ionisation Conditions. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 177-186.	1.0	5
101	Mass spectra of phenoxyacetyl derivatives. <i>Organic Mass Spectrometry</i> , 1985, 20, 724-726.	1.3	4
102	Negative ion chemical ionization (Br <sup>-</sup> ) mass spectra of dicarboxylic acids <sup>1</sup> . <i>Organic Mass Spectrometry</i> , 1989, 24, 355-356.	1.3	4
103	Evidence for metal surface catalysed reduction of unsaturated carboxylic acids under negative ion chemical ionization. <i>Organic Mass Spectrometry</i> , 1990, 25, 274-276.	1.3	4
104	Tetramethylsilane chemical ionization mass spectrometry of some isomeric unsaturated dicarboxylic acids and esterst. <i>Organic Mass Spectrometry</i> , 1992, 27, 1289-1292.	1.3	4
105	Cycloaddition reactions of 2-oxo-2H-cyclohepta[b]furan derivatives with arylacetylenes and the di- <sup>-</sup> methane rearrangement of homobarrelene derivatives. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3795-3798.	1.3	4
106	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
107	Testing for fullerenes in geologic materials: Oklo carbonaceous substances, Karelian shungites, Sudbury Black Tuff: Comment and Reply. <i>Geology</i> , 2003, 31, e32-e33.	4.4	4
108	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

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109	One-Step Transformation of Tricyclopentabenzene (Trindane, C <sub>15</sub> H <sub>18</sub> ) to Bicyclo(10.3.0)pentadec-1(12)ene-2,6,7,11-tetrone (C <sub>15</sub> H <sub>18</sub> O <sub>4</sub> ) and Its Aldol Product, 12-Hydroxy-16-oxatetracyclo(10.3.1.0.1,507,11)hexadec-7(11)ene-2,6-dione (C <sub>15</sub> H <sub>18</sub> O <sub>4</sub> ) <sup>4,6</sup> . <i>Organic Letters</i> , 2001, 3, 2447-2449.	1.6	3
110	Natural fullerenes from the Cretaceous-Tertiary boundary layer at Anjar, Kutch, India. , 2002, , .		2
111	Differential Interactions of Isomeric Amino Sugars with Insulin Studied under Electrospray Ionisation Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 485-495.	1.0	2
112	Mass spectral study of derivatives of 2-aryloxy-2-methylpropanoicacids. <i>Organic Mass Spectrometry</i> , 1992, 27, 113-115.	1.3	1
113	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. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1608-1614.	1.6	1
114	Mass Spectrometry in India. <i>European Journal of Mass Spectrometry</i> , 2012, 18, 1-35.	1.0	1
115	Fragmentation of certain substituted azadispiro(5.1.5.2)pentadec-9-ene and azadispiro(4.1.4.2)tridec-8-ene derivatives under electron ionization. <i>Organic Mass Spectrometry</i> , 1989, 24, 211-215.	1.3	0
116	Mass spectra of 10-substituted 10H-imidazo[1,2-b]-[1,2,4]benzothiadiazine 5,5-dioxides and their 2,10-dihydro analogues. <i>Organic Mass Spectrometry</i> , 1989, 24, 350-352.	1.3	0
117	Dipolar Cycloaddition of Carbonyl Ylides to 2-Oxoindolinylidenes: A Facile Approach Towards the Synthesis of Functionalized Spiroindolenins.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
118	Enantioenriched (S)-6,6 <sup>2</sup> -DiphenylBinol-Ca: A Novel and Efficient Chirally Modified Metal Complex for Asymmetric Epoxidation of $\alpha,\beta$ -Unsaturated Enones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0