

BIO-DATA

Dr. R. Srinivas

Chief Scientist & HOD
National Center for Mass Spectrometry
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Indian Institute of Chemical Technology
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Date of Birth: 28 July 1958

Qualifications:

M.Sc. (Osmania, 1979), Ph.D. (I.I.T. Madras, June 1985)

Experience:

Post Doctoral Fellow in the group of Prof. H. Schwarz, (President of Alexander von Humboldt Foundation), Institute of Organic Chemistry, Technical University Berlin, (October 1989- August 1991 under the CSIR-DAAD Scientists' exchange programme)

Presented papers in international seminars (European Conference on Tandem MS, UMIST, Manchester, U.K. (July 8-13, 1990) and 12th International Mass Spectrometry held in Amsterdam (August 26-28, 1991)

Attended a training program on the advanced applications of mass spectrometry at VG Analytical, Manchester, U.K. (October 2-13, 1995)

Senior DAAD visiting scientist at Institute of Organic Chemistry, T.U, Berlin and Institute of Physical Chemistry, University of Wuerzburg, Germany (May-July, 1999)

Areas of Interests:

Gas-phase ion chemistry of reactive intermediates and elusive molecules of fundamental importance; Organic and biological mass spectrometry ; structure elucidation, mechanistic studies and differentiation of isomers by mass spectrometric techniques; stress stability studies of pharmaceuticals ,characterization of drug metabolites and metabolomics

Publications: 150 papers in peer reviewed international journals and 4 in Ind.J.Chem.

Received more than 1500 citations

Attended about **80** conferences and presented posters / delivered lectures

Honours and Awards:

1. **Editorial Board Member of “Journal of Mass Spectrometry”** (John Wiley Pub, USA .since April 2003)
2. **Editorial Board Member of “Open Spectroscopy Journal”** (Bentham Pub. Since 2007)
3. Received **“Eminent Mass Spectrometrists “** award for the year 2003 from Indian Society for Mass Spectrometry, BARC, Mumbai.
4. One of his papers (J. Am. Chem. Soc. 113, 5970 (1991) was adjudged by ‘ **“The Scientist (USA)”** as a **hot paper in 1992**
5. Fellow of **A.P. Akademi of Sciences since 2007**
6. **Fellow of Royal Society of Chemistry (London)**
7. **IICT Special appreciation prize** for achieving the OPCW (Organization for Prohibition of Chemical Weapons, The Netherlands) designated status as the project leader
8. Member of the Task force committee of DBT on bio-tech facilities
9. Advisory board member of National Authority of Chemical weapons convention, New Delhi
10. Guided **9 Ph.Ds., 26 M.S (Pharma) theses, 12 M.Sc project work** students, presently guiding **6 Ph.D.** students and 2 M.S. (Pharma) project students

Current Membership of Professional Bodies :

1. Indian Society for Mass Spectrometry (Life member)
2. Indian Society of Analytical Scientists (Life member)
3. Indian Science Congress Association (Life member)
4. Chemical Research Society of India, IISC, Bangalore (Life member)
5. Oil Technologists Association of India (Life member)
6. German Society for Mass Spectrometrists (1990 - 1992)
7. Fellow of Andhrapradesh Akademi of Sciences
8. Fellow of Royal Society of Chemistry (London)
9. Course Coordinator for Pharmaceutical Analysis, National Institute of Pharmaceutical Education and Research since April 2009 (www.niperhyd.ac.in)

(LIST OF PUBLICATIONS)

(Nominee: RAGAMPETA SRINIVAS, IICT, HYDERABAD)

154	Pradipbhai D. Kalariya, Prinesh N. Patel, Mahesh Sharma, Prabha Garg, R. Srinivas, M. V. N. Kumar Talluri	2015	Characterization of stress degradation products of blonanserin by UPLC-QTOF-tandem mass spectrometry	<i>RSC Adv.</i> , 5, 69273-288. IF=3.84
153	S. Shanti Kumar , N. Satheesh Kumar , R. Srinivas	2015	Pharmacokinetic and protein binding profile of peptidomimetic DPP-4 inhibitor - Teneligliptin in rats using liquid chromatography-tandem mass spectrometry.	Journal of Chromatography B pp. 194-200
152	Prinesh N Patel, K.V. Saradhi, Gananadhamu Samanthula, R. Srinivas	2015	Quality by design based UPLC related substances method development by establishing the proficient design space for Sumatriptan and Naproxen combination	Journal of Separation Science.(accepted for publication) (IF=2.59).
151	Prinesh N. Patel, Pradipbhai D. Kalariya, S. Gananadhamu , R. Srinivas	2015	Forced degradation of Fingolimod: effect of co-solvent and characterization of degradation products by UHPLC-Q-TOF-MS/MS and 1H NMR	Journal of Pharmaceutical and Biomedical Analysis 115, 388-394 (IF=2.83)
150	Justin Paulose, Revi P. Achuthan, Maria P. L. Linsha, George Mathai, B. Prasanth, M.V. N. Kumar Talluri Ragampeta Srinivas	2015	Protonated N-benzyl and N-(1-phenylethyl) tyrosine Amides Dissociate via Ion/neutral Complexes	Rapid Commun. Mass Spectrom. (IF=2.64) 29, 1-8
149	Prinesh N. Patel, Pradipbhai D. Kalariya, Challa Veerabhadra Swamy, S. Gananadhamu, R. Srinivas	2015	Quantitation of Acotiamide in rat plasma by UHPLC-Q-TOF-MS: Method development, validation and application to pharmacokinetics	Biomedical chromatography doi: 10.1002/bmc.3555 IF=1.66
148	Prinesh N. Patel, Pradipbhai D. Kalariya, Mahesh Sharma, Prabha Garg , M.V.N Kumar Talluri, S. Gananadhamu, R. Srinivas	2015	UPLC-Q-TOF/MS/MS based characterization of forced degradation products of Pazopanib hydrochloride and their <i>in silico</i> toxicity prediction	J. Mass Spectrom 50 (7), 918-928 (IF=2.7)
147	<u>Shanti Kumar Saladi, Nanjappan SatheeshKumar, B Prasanth, Allakonda Lingesh, David Paul and Srinivas Ragampeta</u>	2015	A sensitive and selective liquid chromatography mass spectrometry method for simultaneous estimation of anti-diabetic drugs inhibiting DPP-4 enzyme in human plasma. Overcoming challenges associated with low recovery and sensitivity	Anal. Methods, Accepted Manuscript DOI: 10.1039/C5AY00342C
146	<u>Pradipbhai D. Kalariya, Prinesh N. Patel, R. Srinivas, M. V. N. Kumar Talluri</u>	2015	Quality by Design based development of a selective stability-indicating UPLC method of dolutegravir and characterization of its degradation products by UPLC-QTOF-MS/MS	New Journal of Chemistry 06/2015; DOI:10.1039/C5NJ00698H · IF=3.16
145	M.V.N.Kumar Talluri, Lubna Khatoon, Pradipbhai D Kalariya, Balasaheb B. Chavana, R. Srinivas,	2015	LC-MS/MS characterization of forced degradation products of fidarestat, a novel aldose reductase inhibitor: development and validation of a stability-indicating RP-HPLC method,	Journal of chromatographic science 05/2015;DOI:10.1093 /chromsci/bmv061 · IF=1.03
144	Pradipbhai D. Kalariya, Mahesh Sharma, Prabha Garg, Jagadeshwar Reddy Thota, Srinivas Ragampeta and M. V. N. Kumar Talluri	2015	Characterization of stress degradation products of mirabegron using UPLC-QTOF-MS/MS and <i>in silico</i> toxicity predictions of its degradation products	RSC Adv., 5, 31024, IF=3.7
143	V. Naresh Chary, B. Sudharshan Reddy,Ch. Dinesh Kumar, R. Srinivas and S. Prabhakar	2015	Characterization of N,N-dimethyl amino acids by electrospray ionization tandem mass spectrometry,	J. Mass Spectrom 50 (5), 771-781, (IF=2.7)
142	M.V.N. Kumar Talluri, Kundan Kumar Keshari, Pradipbhai D Kalariya, R. Srinivas	2015	Selective separation and characterization of stress degradation products of ondansetron HCl by liquid chromatography with quadrupole time-of-flight mass spectrometry	J. Separation Science 38, 1625 (IF=2.59).
141	Prinesh N. Patel, Rajesh Kumar Dornala, S. Gananadhamu, R. Srinivas	2015	Characterization of stress degradation products of tolvaptan by UPLC-Q-TOF-MS/MS	RSC Advances , 5, 21142 IF=3.7
140	Pradipbhai D Kalariya, Prinesh N Patel, Ch.V.Swamy, R. Srinivas, M.V.N. Kumar Talluri	2015	Validated liquid chromatography mass spectrometry method for quantification of tinoridine hydrochloride in rat plasma and its application to pharmacokinetic study	Anal. Methods 7, 1965-1970 (IF= 1.94)
139	Pradipbhai D. Kalariya • M. V. N. Kumar Talluri, Srinivas Ragampeta	2015	Identification of hydrolytic and isomeric N-oxide degradants of vilazodone by on line LC-ESI-MS/MS and APCI-MS	Journal of Pharmaceutical and Biomedical Analysis, 102, 353 (IF=2.83) cit=4

138	Justin Paulose, Revi P. Achuthan, George Mathai I, Purna Chander and Ragampeta Srinivas	2015	McLafferty-type rearrangement of protonated N-[nicotinoyl] phenylethyl amines and consequent elimination of styrene	Rapid Commun. Mass Spectrom. 29, 1–6 (IF=2.64)
137	M.V.N. Kumar Talluri, Shirisha D, Pradipbhai D Kalariya, R. Srinivas	2014	Structural characterization of alkaline and oxidative stressed degradation products of lurasidone using LC/ESI/QTOF/MS/MS	Journal of Pharmaceutical and Biomedical Analysis 105C:1-9(IF=2.83) cit=3
136	Roshan M. Borkar, Murali Mohan Bhandi, Ajay P. Dubey, Prajwal P. Nandekar, Abhay T. Sangamwar, Sanjay K. Banerjee and R. Srinivas	2015	Plasma protein binding, pharmacokinetics, tissue distribution and CYP450 biotransformation studies of fidarestat by ultra high performance liquid chromatography- high resolution mass spectrometry	Journal of Pharmaceutical and Biomedical Analysis 102, 1 (IF=2.83)
135	Prinesh N. Patel, Roshan M. Borkar, Pradipbhai D. Kalariya, Rahul P. Gangwal, Abhay T. Sangamwar, S. Gananadhamua and R. Srinivas	2015	Characterization of degradation products of Ivabradine by LC-HR-MS/MS: a typical case of exhibition of different degradation behavior in HCl and H ₂ SO ₄ acid hydrolysis	J. Mass Spectrom., 50, 344 (IF=2.7)
134	N Satheeshkumar, S Shantikumar, R Srinivas	2014	Pioglitazone: A review of analytical methods	Journal of Pharmaceutical Analysis, 3 cit=4
133	N Nagesh, G Raju, R Srinivas, P Ramesh, MD Reddy, CR Reddy	2015	A Dihydroindolizino indole derivative selectively stabilizes G-quadruplex DNA and down-regulates c-MYC expression in human cancer cells	Biochimica et Biophysica Acta (BBA)-General Subjects 129-140, 1850 (IF=3.98)
132	Bidya Dhar Sahu, Srujana Tatireddy, Meghana Koneru, Roshan M. Borkar; Jerald Mahesh Kumar; Madhusudana Kuncha.; R. Srinivas.; Shyam Sunder R.; Ramakrishna Sistla,	2014	Naringin ameliorates gentamicin-induced nephrotoxicity and associated mitochondrial dysfunction, apoptosis and inflammation in rats possible mechanism of nephroprotection	Toxicology and Applied Pharmacology 277, 8-20 , IF=3.63 Cit=10
131	Pradipbhai D. Kalariya • M. V. N. Kumar Talluri, Srinivas Ragampeta	2014	Experimental Design Approach for Selective Separation of Vilazodone HCl and Its Degradants by LC- PDA and Characterization of Major Degradants by LC/QTOF–MS/MS	Chromatographia 77, 1299–1313, IF=1.37 Cit=4
130	N Satheesh kumar, V Spandana, S Shantikumar, R Srinivas	2014	Experimental design approach to optimize stability indicating LC method for the determination of Naftopidil in its bulk and tablet dosage form	Journal of Young Pharmacists 05, 6(1):1-7
129	Pradipbhai D. Kalariya, Deepak Namdev, R. Srinivas, S. Gananadhamu	2014	Application of Experimental Design and Response Surface Technique for Selecting the Optimum RP-HPLC Conditions for the Determination of Moxifloxacin HCl and Ketorolac tromethamine in Eye Drops.	Journal of Saudi Chemical Society (IF=1.29) 01
128	M.V.N.Kumar Talluri, K. Naveen Reddy, B. Raju, Ch. Divya, M. Ramesh, R. Srinivas	2014	Selective separation, detection of zotepine and mass spectral characterization of degradants by LC-MS/MS/QTOF	J. Pharmaceutical Analysis, 4(2):107 – 116
127	Pradipbhai D Kalariya, M V N Kumar Talluri, Vinay D Gaitonde, Prashant S Devrukhakar, R Srinivas	2014	Quality by Design: A Systematic and Rapid Liquid Chromatography and Mass spectrometry method for Eprosartan mesylate and its related impurities using a superficially porous particle column.	Journal of Separation Science 37, 16, 2160 (2014) (IF=2.59) cit=5
126	Vishnuvardhan Chiguru, Srinivas Ragampeta and N SatheeshKumar	2014	Development and validation of a UPLC method for screening potentially counterfeit anti-hypertensive drugs using design of experiment.	Anal. Methods, 6, 4610 IF=1.94
125	Raju Padiya, D Choudhary, Roshan M borkar, R Srinivas, Manika Pal Bhadra, Sanjay K Banerjee	2014	Garlic attenuates cardiac oxidative stress via activation of PI3K/AKT/Nrf2-Keap1 pathway in fructose-fed diabetic rat,	PLOS ONE 9, e94228 (2014) IF=3.53 Cit=10
124	G. Raju, R. Srinivas, M. Damodhar Reddy, Ch. Raji Reddy , N. Nagesh	2014	Studies on non-covalent interaction of coumarin attached pyrimidine and 1-methyl indole 1,2,3-triazole analogues with inter molecular telomeric G-quadruplex DNA using ESI-MS and spectroscopy	Nucleosides, Nucleotides and Nucleic acids 33, 489 IF=0.9
123	Pradipbhai D. Kalariya, B. Raju, Roshan M. Borkar, Deepak Namdev, S. Gananadhamu, Prajwal P. Nandekar, Abhay T. Sangamwar and R.Srinivas	2014	Characterization of forced degradation products of ketorolac tromethamine using LC/ESI/Q/TOF/MS/MS and in silico toxicity prediction,	J. Mass Spectrom. 49,380 IF=2.7 cit=3
122	June Cyriac, Justin Paulose, Ragampeta Srinivas, Mathai George, Daryl Giblin, Marupaka Ramesh, Michael L. Gross	2014	The Role of Methoxy Group in the Nazarov Cyclization of 1,5-bis-(2-Methoxyphenyl)-1,4-Pentadien-3-one in the Gas Phase and Condensed Phase	J. Am. Soc. Mass Spectrom. 25, 398-409, IF=3.59 cit=2
121	Ramesh Babu, B. Raju, Roshan M. Borkar, B. Raju, R. Srinivas	2014	Liquid chromatography electrospray ionization tandem mass spectrometry (LC/ESI-MS/MS) study of nilutamide and its stress degradation products: In silico toxicity prediction of degradation products	Biomedical chromatography 28, 788 . IF=1.6
120	Venu Kamarthapu, Srinivas Ragampeta Khareedu Venkateswara Rao and Vudem Dashavantha Reddy	2013	Engineered Pichia pastoris for enhanced production of S-adenosylmethionine	AMB Express , 3 :401
119	Deepak Namdev, Roshan M. Borkar, B. Raju, Pradipbhai D. Kalariya, Vinodkumar T. Rahangdale, S. Gananadhamu, R.	2014	Identification of forced degradation products of Tamsulosin using liquid chromatography/electrospray ionization tandem mass spectrometry	J. Pharm. Biomed. Anal. 88, 245 IF=2.8, Cit=7

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118	C. Purna Chander ¹ , B.Raju, Asmath Sulthana and R. Srinivas	2013	LC-ESI-MS/MS study of carvedilol and its stressed degradation products	Anal. Methods,5, 4330 IF=1.94
117	R. Nageswara Rao, B. Sravan, K. Ramakrishna, B. Raju, R. Srinivas	2013	LC-MS/MS determination of pramipexole on rat dried blood spots: A pharmacokinetic study	Journal of Chromatography B 932,34 IF=3.2 cit=3
116	Roshan M. Borkar, B. Raju, Prashant S. Devrukhakar, Naresh Tondepur, ABN. Nageswara Rao and R. Srinivas	2013	Liquid chromatography/electrospray ionization tandem mass spectrometric study of milnacipran and its stressed degradation products	Rapid Commun. Mass Spectrom. , 27, 369– 374 IF=2.51 Cit=8
115	G. Raju, C. Purna Chander, K. Srinivas Reddy, R. Srinivas and G. V. M. Sharma	2012	Electrospray ionization tandem mass spectrometry of protonated and alkali-cationized Boc-N-protected hybrid peptides containing repeats of D-Ala-APyC and APyC-D-Ala: Formation of [bn-1+OCH ₃ +Na] ⁺ and [bn-1+OH+Na] ⁺ ions	Rapid Commun. Mass Spectrom. 26, 2591 IF=2.51 Cit=9
114	M.V.N. Kumar Talluri, Anitha Kalyankar, Srinivas Ragampeta	2012	Synchronized separation of atorvastatin — an antihyperlipidemic drug with antihypertensive, antidiabetic, antithrombotic drugs by RP-LC for determination in combined formulations	J.Pharmaceutical Analysis, 2, 285
113	B.Raju, M.Ramesh, Roshan M. Borkar, Raju Padiya, Sanjay K. Banerjee R. Srinivas	2012	Identification and structural characterization of in vivo metabolites of ketorolac using liquid chromatography electrospray ionization tandem mass spectrometry (LC/ESI-MS/MS).	J. Mass Spectrom. 47,919 IF=3.3, cit=5
112	G. Raju, R. Srinivas, V. Santhosh Reddy, Narayana Nagesh, M. M Idris, A. Kamal	2012	Interaction of pyrrolobenzodiazepine (PBD) ligands with parallel intermolecular G-quadruplex complex using spectroscopy and ESI-MS.	PLoS ONE 7, e 35920 IF=4.2, Cit=10
111	B.Raju, M.Ramesh, Roshan M.Borkar, R. Srinivas, Raju Padiya, Sanjay K.Banerjee.	2012	In vivo metabolic investigation of moxifloxacin using liquid chromatography- electrospray ionization tandem mass spectrometry (LC-ESI-MS/MS) in combination with online hydrogen/deuterium (H/D) exchange experiments	Rapid Commun. Mass Spectrom. 26,1, IF=2.9 Cit=5
110	M. Ramesh, B. Raju, M. George, K. Srinivas, V. Jayathirtha Rao, K. Bhanuprakash, R. Srinivas	2012	The ESI-CAD fragmentations of protonated 2, 4, 6- tris (benzyl amino)- and tris (benzyl oxy)-1, 3, 5 -triazines, involve benzyl-benzyl interactions: A DFT study.	J. Mass Spectrom. 47, 860 IF=3.3
109	R. Nageswara Rao, K. Guruprasad, Ch. Gangu Naidu, B. Raju, R. Srinivas.	2012	LC-ESI-MS/MS determination of in vivo metabolites of almotriptan in rat plasma, urine and feces: Application to pharmacokinetics	J. Chromatogr. B. 891-892, 44 IF=3.0
108	B. Raju, M. Ramesh, Roshan M. Borkar, Raju Padiya, Sanjay K. Banerjee and R. Srinivas	2012	B. Raju, M. Ramesh, Roshan M. Borkar, Raju Padiya, Sanjay K. Banerjee and R. Srinivas.	Biomedical chromatography 26, 1341 IF=1.6 Cit=14
107	C. Purna Chander, G. Raju, M. George, R. Srinivas, H. K. Gaikwad, B. Rajashekar and N. Lingaiah.	2012	Electrospray Ionization Tandem Mass Spectrometry of 3-phenyl-N-(3-(4-phenylpiperazin-1-yl)propyl)-1H-pyrazole-5-carboxamide derivatives: Unusual fragmentation involving loss of 11 u.	Rapid Commun. Mass Spectrom. 26, 207 IF=3.1 Cit=6
106	Roshan M. Borkar, B. Raju, R. Srinivas, Prashant Patel, Satheesh Kumar Shetty	2012	Identification and Characterization of Stressed Degradation Products of Metoprolol using LC/Q-TOF-ESI-MS/MS and MS ⁿ Experiments.	Biomedical chromatography 26, 720 cit=7
105	M.V.N. Kumar Talluri, Mukesh K. Bairwa, H.H. Theja Dugga, R. Srinivas	2012	Development and validation of RP-HPLC and ultraviolet spectrophotometric methods of analysis for simultaneous determination of paracetamol and lornoxicam in pharmaceutical dosage forms.	Journal of Liquid Chromatography & Related Technologies 35,129 Cit=6
104	Gannaju Srinivasulu, Balasubramanian Sridhar, Krishnan Ravi Kumar, Bojja Sreedhar, Venna Ramesh, Ragampeta Srinivas, Ajit C. Kunwar	2011	Molecular Self Assembly of Benzene-1,3,5-tricarbonyl Phenylalanine.	Journal of Molecular Structure, 1006, 180
103	G. Raju, A. Ramesh Babu, N. Chandramouli, G.V.M. Sharma, and R. Srinivas	2011	Differentiation of Boc-N-protected α/β -hybrid peptides containing β -Caa-L-Ala- β -Caa-OMe and β -Caa-L-Ala- β -Caa-NHMe at the C-terminus by electrospray ionization tandem mass spectrometry.	Rapid Commun. Mass Spectrom. 3369, 25 IF=3.1 Cit=5
102	B.Raju, M.Ramesh, R.Srinivas, S.Satyanarayana Raju, Y.Venkateswarlu	2011	Identification and characterization of stressed degradation products of prulifloxacin using LC-ESI-MS/Q-TOF, MS ⁿ experiments: Development of a validated specific stability-indicating LC-MS method.	J. Pharm. Biomed. Anal. 56, 560 IF=2.8, cit=16
101	M. Ramesh, B. Raju, R. Srinivas, V. V. Sureshbabu, T. M. Vishwanatha and H. P. Hemantha	2011	Characterization of N-Fmoc -protected dipeptide isomers by electrospray ionization tandem mass spectrometry (ESI -MS ⁿ): effect of protecting group on fragmentation of dipeptides	Rapid Commun. Mass Spectrom. , 25, 1949 IF=2.9 cit=4
100	Rahul P. Gunjal, G. Raju, A. Ramesh Babu, N. Mallikarjun, Nalini Shastri, and R. Srinivas	2011	HPLC and LC-MS studies on stress degradation behavior of levocetirizine and development of a validated specific stability-indicating method	Journal of Liquid Chromatography & Related Technologies, 34, 995 cit=7
99	B. Raju, M. Ramesh, R. Srinivas, S. Chandrasekhar, N. Kiranmai, and V. U. M. Sarma	2011	Differentiation of Positional Isomers of Hybrid Peptides Containing Repeats of β -Nucleoside Derived Amino Acid (β -Nda-) and L-Amino Acids by Positive and Negative Ion Electrospray Ionization Tandem Mass Spectrometry (ESI-MS ⁿ).	J. Am. Soc. Mass Spectrom. 22, 703 IF=3.83 Cit=14
98	M George, V. Ramesh, R. Srinivas, D. Giblin, and M. Gross,	2011	Deprotonated N-(2,4-Dinitrophenyl)amino Acids Undergo Cyclization in Solution and the Gas Phase	Int.J.Mass Spectrom 306, 232-240 IF=2.0

97	M. Ramesh, B. Raju, R. Srinivas, V. V. Sureshbabu, N. Narendra and B. Vasantha	2010	Characterization of N ^ε -Fmoc-protected ureidopeptides by electrospray ionization tandem mass spectrometry (ESI-MS/MS): differentiation of positional isomers	J. Mass Spectrom. 45, 146 IF=3.41 Cit=8
96	R. Nageswara Rao, Pawan K. Murya, M. Ramesh, R. Srinivas and Sachin B. Agwane	2010	Development of a validated high throughput LC-ESI-MS method for determination of sirolimus on dried blood spots	Biomed. Chromatography 24, 1356 IF=1.6 Cit=29
95	A. Ramesh Babu, Y. Sridhar, G. Raju, N.S. Swamy, P. Srihari, V. Ramesh and R. Srinivas	2010	Diastereomeric differentiation of two pairs of glycol derivatives by electrospray ionization tandem mass spectrometry	Rapid Commun. Mass Spectrom. 24, 2776 IF=3.1 Cit=8
94	G. Raju, V. Ramesh, R. Srinivas, G.V. M. Sharma and B. Shoban Babu	2010	Differentiation of Boc-protected α,δ-/δ,α- and β,δ-/δ,β-tandem mass spectrometry (ESI MS/MS) by electrospray ionization tandem mass spectrometry	J. Mass Spectrom. 45, 651 Cit=7
93	H.M. Kulakarni, V. Ramesh, R. Srinivas , M.V. Jagannadham	2010	Acetylation of tryptic peptides enhances b ion intensity in MALDI TOF/TOF: Implications in peptide sequence and identification of proteins in an Antarctic bacterium <i>Pseudomonas syringae</i>	Proteomics Insights 3, 1
92	G.V.M. Sharma, V. Manohar, S.K. Dutta, B. Sridhar, V. Ramesh, R. Srinivas , A.C. Kunwar.	2010	Self Assembling Cyclic Tetrapeptide from Alternating C-Linked Carbo-β-Amino Acid [(S)-β-Caa] and α-Aminoxy Acid [(R)-Ama]: A Selective Chloride Ion Receptor.	Journal of Organic Chemistry 75, 1087 IF=3.95 cit=6
91	B. Raju, V. Ramesh, A. Sudhakar, M. Ramesh, V.U.M. Sharma, S. Chandrasekhar, R. Srinivas	2009	Diastereomeric Differentiation of Norbornene Amino Acid Peptides by Electrospray Ionization Tandem mass spectrometry (ESI MS/MS)	Rapid Commun. Mass Spectrom., 23, 2965 IF=3.1 Cit=9
90	P. Mehulkumar, V. Ramesh, V. Vinay kumar, R. Srinivas, Prakash V. Diwan,	2009	Simultaneous determination of amlodipine besylate and olmesartan medoximil in tablets by zero-crossing first derivative UV spectrophotometry and high performance liquid chromatography	Asian Journal of Research in Chemistry 2, 127, cit=21
89	R. Nageswara Rao, Dhananjay D Shinde, V. Ramesh, R. Srinivas	2009	LC-MS of novel narcoepileptics and related substances	Journal of Separation Science 32, 1312 IF=2.7
88	V. Ramesh, M. Ramesh, R. Srinivas, G. V. M. Sharma, V. Manohar	2009	Mass Spectral study of hybrid peptides derived from (R)-Aminoxy ester and β-amino acids: The Influence of Aminoxy peptide bond (CO-NH-O) on peptide fragmentation under electrospray ionization conditions	Int. J. Mass Spectrom. 282, 64 IF=2.1
87	M. Ramesh, V. Ramesh, B. Raju, R. Srinivas, G. Kumaraswamy, B. Markondaiah, and M. Padmaja.	2009	Diastereomeric differentiation of Oppolzer sultam derivatives using electrospray ionization (ESI) and atmospheric pressure photo ionization (APPI) tandem mass spectrometry	J. Mass Spectrom. 44, 1114 IF=3.57
86	M. George, V.S. Sebastian, P. Nagi Reddy, R. Srinivas, Daryl Giblin and Michael L. Gross	2009	Gas-Phase Nazarov Cyclization of Protonated 2-Methoxy and 2-Hydroxychalcone: An Example of Intramolecular Proton-Transport Catalysis	J. Am. Soc. Mass Spectrom. 20, 805 IF=3.62 Cit=14
85	Ramesh, M. Ramesh, R. Srinivas, G. V. M. Sharma, and P. Jayaprakash,	2008	Electrospray ionization tandem mass spectrometric study on the effect of N-terminal β- and γ-carbo amino acids on fragmentation of GABA- hybrid peptides	Rapid. Commun. Mass Spectrom. 22, 3339 Cit=8
84	V. Ramesh, R. Srinivas, G. Kumaraswamy, B. Markondaiah	2009	Diastereoselectivity in the McLafferty rearrangement of protonated precursors of belactosin derivatives using electrospray ionization (ESI) and atmospheric pressure photo ionization (APPI) tandem mass spectrometry	J. Mass Spectrom. 44, 285 Cit=6
83	V. Ramesh, R. Srinivas, G.V.M. Sharma, P. Jayaprakash, and A.C. Kunwar.	2008	Differentiation of three pairs of Boc-β,γ- and γ,β-hybrid peptides by electrospray ionization tandem mass spectrometry	J. Mass Spectrom. 43, 1201 Cit=11
82	Joseph T. Moolayil, Mathai George, R. Srinivas, Daryl Giblin, Amber Russell, and Michael L. Gross	2007	Protonated Nitro Group as a Gas-Phase Electrophile Experimental and Theoretical Study of the Cyclization of o-Nitrodiphenyl Ethers, Amines, and Sulfides	J. Am. Soc. Mass Spectrom. 18, 2204 Cit=6
81	V Ramesh , P. Nagi Reddy , R. Srinivas, K. Bhanuprakash , S. Vivekananda.	2007	Ionic and neutral mercaptothiocarbonyl: A tandem mass spectrometry and computational study.	Chemical Physics Letters . 443, 216
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