

1. Journals:

a. International

Sl. No.	Name of Author, Co-Author	Title of Paper	Name of the Journal	Publisher	Publication Citation ISSN, ISBN, Vol. No. Issue, pp
1	Roopashree B. K. Lokesh, S. HariPrasad, V.Gayathri	Synthesis, Characterization and Catalytic Activity of a Novel 2-(3'-aminophenyl) benzimidazolyl Palladium(II) Complex	Current Catalysis	Bentham Science	ISSN: 2211-5455 (Online) ISSN: 2211-5447 (Print) Volume No.: 4 Issue: 2 Month & year: August 2015 Page No.:125-132
2	Roopashree B. G. R. Suman, S.G.Bubbly, S.B.Gudennavar,J. Thipperudrappa, V. Gayathri, N.M.Nanje Gowda	Effect of solvents on photophysical properties and quenching of 2- {[3-(1H-benzimidazole-2-yl) phenyl] carbonimidoyl} phenol	Luminescence	Wiley online library	ISSN : 1522-7243 Volume No. : 30 Issue : 5 Month & Year : Oct 2014 Page Nos. : 611-618
3	Mahesh B. N. Shashidhar Reddy, B. S. Shankara, P. Murali Krishana, C. Basavaraj,	Synthesis, Characterization, and Antibacterial Activity of Co(II), Ni(II), Cu(II), Zn(II), Cd(II), and Hg(II) Complexes of Schiff's Base Type Ligands Containing Benzofuran Moiety	International Journal of Inorganic Chemistry	Hindawi Publishing Corporation	Volume 2013 (2013) , Article ID 614628, 10 pages http://dx.doi.org/10.1155/2013/614628
4	Roopashree B. V. Gayathri, A.Gopi, K.S.Devaraju	<u>Syntheses, characterizations, and antimicrobial activities of binuclear ruthenium (III) complexes containing 2-substituted benzimidazole derivatives.</u>	Journal of coordination chemistry	Taylor and Francis	ISSN : 0095-8972 (Print), 1029-0389 (Online) Volume No. : 22 Issue : 65 Month & Year : November 2012 Page Nos. : 4023-4040

5	Roopashree B. V. Gayathri, H.Mukund	<u>Synthesis, characterization, and biological activities of zinc, cadmium, copper, and nickel complexes containing meta-aminophenyl benzimidazole</u>	Journal of coordination chemistry	Taylor and Francis	ISSN : 0095-8972 (Print), 1029-0389 (Online) Volume No. :8 Issue :65 Month & Year : April 2012 Page Nos. : 1354-1370
6	Mahesh B. DC Gowda	<u>New hydrogen donor: A facile method for the removal of hydrogenolysable protecting groups in peptide synthesis.</u>	Protein and peptide letters	Bentham Science	ISSN: 0929-8665 Vol.9 (3), pp225-230, 2002. DOI: <u>10.2174/0929866023408733</u>
7	Mahesh B. DC Gowda	<u>Catalytic transfer hydrogenation of aromatic nitro compounds by employing ammonium formate and 5% platinum on carbon</u>	Synthetic Communications	Taylor and Francis	ISSN 0039-7911 Vol 30 (20), 2000. Pp 3639-3644 DOI: 10.1080/00397910008086990
8	Rathna A Pushkara Rao Varanasi Alex K.Y. Jen J. Chandrasekhar I. N. N. Namboothiri	The Important Role of Heteroaromatics in the Design of Efficient Second-Order Nonlinear Optical Molecules: Theoretical Investigation on Push-Pull Heteroaromatic Stilbenes	<i>J. Am. Chem. Soc.</i> ,	American Chemical Society	ISSN: Volume No. : 118 Issue : 49 Month & year: 1996 Page Nos.: 12443–12448
9	Rathna A J Chandrasekhar	Structures, stabilities and strain in C ₆₀ and C ₇₀ derivatives	Fuel and Energy Abstracts	Elsevier Science	ISSN: Volume No. : 37 Issue : 1 Month & year: 1996 Page Nos.: 18-23
10	Rathna A Jayaraman Chandrasekhar	Resilience of the fullerene cage: analysis of distortions in computed structures of fullerene derivatives	Journal of Molecular Structure	Elsevier	ISSN: Volume No. : 327 Issue : 2 Month & year: 1994 Page Nos.: 255-263

11	Rathna A J Chandrasekhar	<u>Theoretical study of hydrogenated buckminsterfullerene derivatives with benzenoid rings, C₆₀H_{60-66n}(n= 1-8)</u>	Chemical physics letters	North-Holland	ISSN: Volume No. : 206 Issue : 1 Month & year: 1993 Page Nos.: 217-224
12	Rathna A J Chandrasekhar	The influence of lone-pair repulsions on carbon-carbon bond lengths: a critical evaluation of the experimental and theoretical evidence	J. Chem. Soc.	The Royal Society of Chemistry	ISSN: Volume No. : 1 Issue : Month & year: 1991 Page Nos.: 1661 -1666
13	Rathna A Jayaraman Chandrasekhar	MNDO study of coupled strained hydrocarbons: Additivity of exocyclic C-C bond contraction induced by different ring systems	Journal of Molecular Structure: THEOCHEM	Elsevier	ISSN: Volume No. : 228 Issue : Month & year: 1991 Page Nos.: 249-258

b. National

Sl. No.	Name of Author	Title of Paper	Name of the Journal	Publisher	Publication Citation ISSN, ISBN, Vol. No. Issue, pp
1	Rathna A J Chandrasekhar	Theoretical Studies Of Fullerenes And Fullerene Derivatives	Indian Institute of Science	Indian Institute of Science	ISSN: Volume No. : Issue : Month & year: 2005 Page Nos.:
2	Mahesh B. DC Gowda & S Gowda	<u>Zinc-catalyzed ammonium formate reductions: Rapid and selective reduction of aliphatic and aromatic nitro compounds</u>	Indian Journal of Chemistry Section B	NISCAIR publications	ISSN: 0975-0983(Online); 0376-4699(Print) 40 (1), 75-77, 2001.
3	Rathna A	Discovery of fullerene : Giving a new shape to carbon chemistry	Resonance	Indian Academy of Sciences	ISSN: Volume No. : 2 Issue : 1 Month & year: 1997 Page Nos.: 68-74

4	Rathna A Jayaraman Chandrasekhar	Factors contributing to phantom bonds in inorganic molecules: interpretations and predictions	Proceedings of the indian academy of sciences-chemical sciences	Springer India	ISSN: Volume No. : 106 Issue : 3 Month & year: 1994 Page Nos.: 599-607
5	Rathna A Jayaraman Chandrasekhar	MNDO study of vicinal dihydrides of C_{70} : interpretation of relative stability on the basis of electronic and molecular structures	Current Science	Indian Academy of Sciences	ISSN: Volume No. : 65 Issue : 10 Month & year: 1993 Page Nos.: 768-771
6	Rathna A A Govindaraj J Chandrasekhar CNR Rao	Investigations on $C_{70}H_{30}$ obtained by the Birch reduction of C_{70}	Proceedings of the Indian Academy of Sciences-Chemical Sciences	Springer India	ISSN: Volume No. : 105 Issue : 4-5 Month & year: 1993 Page Nos.: 303 -309
7	Rathna A J Chandrasekhar	Simple Structural And Bonding Representations Of Fullerenes	Indian Journal of Chemistry-Section A: Inorganic, Physical, Theoretical and Analytical Chemistry	National Institute of Science Communication and Information Resources	ISSN: Volume No. : 31 Issue : 5 Month & year: 1992 Page Nos.: F51 –F55

2. Conference
a. International

Sl. No.	Name of Author, Co-Author	Title of Paper	Name of the Conference	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Rathna A	Cage distortions in fullerene derivatives.	TEQUIP sponsored International Conference on “Advanced materials and applications”, BMSCE, Bengaluru	BMSCE, Bengaluru	16 th & 17 th June 2016 Conference proceedings
2	Mahesh B. Nanjundaswamy G S D C Gowda, Siddaramaiah	“An insight into the blends of synthetic peptides with other polymers-A review”	International conference on advanced materials and Technology-16	SJCE Mysore	26th to 28th of May 2016 OPS 40, Page No. 143, ICMAT-16 proceedings
3	Roopashree B. V. Gayathri,	“Synthesis, characterization and biological activity of Nickel complexes of m-aminophenyl benzimidazole”	International conference on advanced materials and Technology-16	SJCE Mysore	26th to 28th of May 2016 OID-23, Page No. 205, ICMAT-2016 proceedings
4	Mahesh B. D C Gowda, Siddaramaiah	“Miscibility behaviour of PVA/Poly(GVGVP) blends by viscometry, ultrasonic velocity, Refractive index, density and morphological analysis”	Polymers on the frontiers of Science and Technology, FEB 21-23, 2013.	Asian Polymer association-2013 Panjab university, Chandigarh	OL:APA-2013
5	Roopashree B. V. Gayathri,	“Synthesis and characterization of transition metal complexes of m-aminophenyl benzimidazole and their biological acitivity”.	4 th International conference on Current status and future perspective in pharmaceutical Sciences	PES college of Pharmacy, Bengaluru	20th – 21st July 2012 P-MC-5

6	Mahesh B. B S Shankara, P Murali Krishna, N Shashidhara, Gopal Reddy	Synthesis , Spectra studies and biological activity of metal complexes of substituted benzofuran schff bases with Cu(II), Co(II), Ni(II), Zn(II), Cd(II), Ni(II) complexes	Synthetic and structural chemistry Dec-8-10, 2011	DOS in Chemistry Mangalore University Mangalore	PP-10: ICSSC-2011
7	Roopashree B. V. Gayathri,	“Palladium(II) complexes of 2-substituted benzimidazoles”	International conference on synthetic and structural chemistry	Dept. of Chemistry, Mangalore University	8th – 10th Dec 2011 PP 67
8	Roopashree B. V. Gayathri,	“Synthesis and characterization of nickel and copper complexes of m-aminophenyl benzimidazole”	International congress on analytical science 2010	Indian society of analytical scientists and CUSAT, Cohin	24th – 27th Nov 2010 ICP 23
9	Mahesh B. N Kumara swamy	Biochemical transformation of Pentachlorophenol by lignolytic enzymes of paecilomyces species	Current trends in Chemistry & biochemistry Dec 18-19, 2009	DOS in Chemistry Bangalore University Bangalore	ICCTCB-2009, Poster-291
10	Roopashree B. V. Gayathri,	Synthesis and characterization of zinc and cadmium complexes of m-aminophenyl benzimidazole	International conference on current trends in Chemistry and Biochemistry	Dept. of chemistry, Bangalore University	18th – 19th Dec 2009 PP 109

b. National

Sl. No.	Name of Author, Co author	Title of Paper	Name of the Conference	Publisher	Publication Citation ISSN, ISBN, Vol. No. Issue, pp
1	Mahesh B. D C Gowda	Study on miscibility characteristics of polypentapeptide of elastin with a classical polymer	ICC XXXXIV annual conference	Uka Tarsadia University, Bardoli, Surat, Gujarat	OO-3, ICC XXXXIV annual conference Souvenir Dec 26-28, 2015
2	Mahesh B. Kokila N R Mrutunjaya K, Bettadaiah B K and	A Study on phytochemical investigation and pharmacological screening of medicinal plants	Current trends in Chemical Biology	PG Department of Chemistry JSS College of Arts, Commerce &	Souvenir, 2014. Dec 29-31, 2014

	Kumaraswamy N			Science, Ooty Road, Mysuru - 570 025, India	
3	Mahesh B. Nanjundaswamy G S—Divakar S G, Channe Gowda D and Mallu P	Synthesis, characterization and catalytic application of functionalized supporting material with ferrocene appended cobalt phthalocyanine complex.	Current trends in Chemical Biology	PG Department of Chemistry JSS College of Arts, Commerce & Science, Ooty Road, Mysuru - 570 025, India	Souvenir, 2014.
4	Mahesh B. Kokila N R D C Gowda and Siddaramaiah	Investigation on the miscibility of polypeptide of Elastin with synthetic water soluble polymer in solution and solid state	National conference on Pure and applied chemistry	DOS in Chemistry, University of Mysore	OP-24, Souvenir 29th – 31st Dec 2014
5	Roopashree B. V. Gayathri,	“Studies of Ruthenium(III) complexes of 2-(3'-aminophenyl)benzimidazole”.	National conference on pure and applied chemistry	DOS in Chemistry, Manasagangotri, University of Mysore, Mysuru	29th – 31st Dec 2014 PP 107
6	Roopashree B. V. Gayathri,	Synthesis, characterization and antimicrobial activity of cobalt complexes containing 2(3'-N-Salicylidinephenyl) benzimidazole	Recent trends in Chemical Research	Dept. of chemistry, SJCE, Mysuru	3rd –4th Jan 2014 OP 04
7	Mahesh B. B S Shankara, P Murali Krishna, N Shashidhara, Nanjundaswamy G S & V S Arun	DNA binding and cleavage activity of new (2 <i>E</i>)-2-[(2-butyl-4-chloro-1 <i>H</i> -imidazol-5-yl)methylidene]- <i>N</i> -ethylhydrazine carbothioamide with metal complexes	Recent trends in Chemical Research	Dept of Chemistry, SJCE, Mysore	OP-18, SJCE NCRTCR-2014 Jan 3-4, 2014
8	Mahesh B. D C Gowda	Investigation on the Miscibility of Polypeptide of Elastin with Synthetic Polyvinyl alcohol in Solution and Solid state”	32 nd annual conference of Indian council of chemists Nov 28-30 th , 2013	Indian Council of Chemists, DOS in Chemistry, KARNATAK University,	OO-03, ICC XXXII Annual Conference, 2013

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9	Roopashree B. V. Gayathri,	“Synthesis and characterization of ruthenium(II) carbonyl complexes of substituted benzimidazoles”	32 nd Annual conference of Indian Council of Chemists	ICC and DOS in chemistry, Karnatak University, Dharwad	28th – 30th Nov 2013 IP-CYSA-11
10	Rathna A Madhuri makal	“Quality Assessment of Biodiesel Produced from Waste Sunflower Cooking Oil”	National Conference on “Frontier & Challenges in Chemistry” Presented a poster, Don Bosco Institute of Technology, Bengaluru.		10th to 11th Oct. 2013
11	Rathna A Latha M S, Latha K P, Vaghdevi H M	“Phytochemical investigations and anti bacterial activity of Mangifera Indica Malagova- L root extracts”.	UGC Sponsored National Conference on “Herbal Medicines in the era of globalization”, Sahyadri Science College, Shimoga		10th & 11th September 2011.
12	Roopashree B. V. Gayathri,	Studies of zinc(II) complexes stabilized by 2-(3'-N-Salicylidinephenyl) benzimidazole	National conference on Recent trends in materials chemistry and Engg.	Dept. of chemistry, RNSIT, Bengaluru	29th – 30th Sept 2011 OP 17
13	Roopashree B. V. Gayathri, A. Sindhu, S. G. Bubbly, S. B. Gudennavar, and N. M. Nanje Gowda	Synthesis and crystal structure elucidation of 2-{{3-(1H-benzimidazol-2-yl) phenyl} carbonimidoyl}phenol	National Seminar on New materials research and Nanotechnology	Dept. of physics, Govt. arts college, Ooty	24th – 27th Nov 2010 Proceedings 1-3
14	Puneetha J Vagdevi, L P Krishna, Arun Shinde, Ashwini M P, Kishore, Basavaraj	Synthesis, characterization and Biological activity of Chalcone and its derivatives.	Two Day State level conference on Emerging trends in medical chemistry and drug designing	6 th - 7 th March 2009	SDM College, Ujire

15	Mahesh B. D C Gowda	New Hydrogen Donor, A Facile for the removal of hydrogenolysable Protecting Groups in Peptide Synthesis	20 th Conference of Indian council of Chemists 22-24 Dec-2001	Indian Council of Chemists, DOS in Chemistry, Mysore	ICC XXI Annual Conference, 2001
16	Mahesh B. D C Gowda	Zinc Catalysed Ammonium formate Reduction: A Mild Reagent for Efficient Reduction of Carbonyl Compounds to Alcohols”	Recent Trends in structure, Functions, Analysis of Molecules and Applications	DOS in Chemistry, University of Mysore Under the auspices of Sir M Visvewaraiah Chair, Mysore	O-20, CSIR, DST and UOM Abstracts 28-30 OCT- 1999
17	Mahesh B. D C Gowda	Catalytic Transfer Hydrogenation of Aromatic Nitrocompounds by Employing Ammonium Formate and 5% Platinum on Carbon	17 th Conference of Indian council of Chemists	Indian Council of Chemists, University of Madras, Chennai	ICC XVII th Annual Conference, 26-28, Nov-1998