

CURRICULUM VITAE

Dr. Rangappa S. Keri

Associate Professor & Group Leader
Organic Chemistry & Drug Discovery Lab
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Academic Positions

Associate Professor- Jain University, Bangalore, India (Sep 2018-

Present) Assistant Professor- Jain University, Bangalore, India

(Oct 2013 – Sep 2018) Researcher- CQEs, IST, Lisboa, Portugal

(Oct 2014 – April, 2015)

Post doctoral fellow – CQEs, IST, Lisboa, Portugal (July 2011 – Oct

2013) Post doctoral fellow –Kyung Hee University, Seoul, South

Korea (Dec 2009

– June 2011)

Teaching Faculty- Karnatak University, Dharwad, India (April

2006 – Oct2008)

Education

Ph.D., (Organic chemistry)- KUD, Dharwad

(2005–2009) M.Sc., (Organic chemistry)- KUD,

Dharwad (2003–2005) B.Ed., (Physical Science) -

KUD, Dharwad (2001–2003) B.Sc., (Chem, Phy,

Maths)- KUD, Dharwad (1998–2001)

Awards/Recognition

- **Researcher who were top 2% in 2020 survey conducted by STANFORD UNIVERSITY and Elsevier.**
- **Researcher who were top 2% in 2019 survey conducted by STANFORD UNIVERSITY**
- Portuguese Foundation of Science & technology (FCT)

- Fellowship(2011-14)
- Brain Korea 21 (BK 21) Post-doctoral fellowship (2010-11)
- Senior Research Fellowship (SRF), DST India (2007-2009)
- Junior Research Fellowship (JRF), DST India (2005-2007)

Editorial Appointments/Reviewer for Journal

Editorial Board member-

- ✚ Journal of Chemistry & Applied
- ✚ Biochemistry Journal of Alzheimer's &
- ✚ Neurodegenerative Diseases. International Journal
- ✚ of Drug Design & Development SF Journal of
- ✚ Nanochemistry and Nanotechnology SM
- Tuberculosis Research & Treatment
- ✚ Journal of Alzheimer's & Neurodegenerative
- ✚ Diseases. Current Organic Chemistry
- ✚ Letters in Organic Chemistry

Reviewer for RSC, Sciencedirect, ACS, Springlink, Bantham Publishers

Research Interest

- Using modern synthetic chemistry methods, synthesizing new chemical entities for pharmaceutical drug discovery and development.
- A major problem in organic synthesis is that most synthetic procedures leave much to be desired regarding efficiency, reliability and predictability. By tackling challenging targets I have tested these procedures fully and obtained a better understanding of the chemical processes involved. From this understanding, I can improve existing methodologies and discover new ways of building organic molecules.
- Development of new drugs including acetyl acetylcholinesterase (AChE) inhibitors (Alzheimer drug), anti-cancers, neuroprotective agents and anti-virals by organic syntheses.
- Developing synthetic tools (reactions and reagents) and networks of reactions (synthetic strategies) for efficient and selective chemical synthesis. In particular, I have focused on the development of chemical transformations that can resolve

longstanding synthetic problems and offer new mechanistic vistas for future development in organic synthesis.

- The development of new synthetic methodologies for bioactive heterocycles, especially by employing the principles of green chemistry.
- Molecular simulation

CNMS AFFILIATED - PUBLICATION DETAILS

	Title of the paper	Author	Journal	Page	Volume	Year	SCI
1.	Copper (II)- β -Cyclodextrin Promoted Kabachnik-Fields Reaction: An Efficient, One-Pot Synthesis of α -Aminophosphonates	R.S. Keri, M Patil, VP Brahmkhatri, S Budagumpi, V Adimule	Topics in Catalysis	In press https://doi.org/10.1007/s11244-021-01556-4		2022	
2.	The nano-based catalyst for the synthesis of benzimidazoles	R.S. Keri, V Adimule, P Kendrekar, BS Sasidhar	Topics in Catalysis	In press https://doi.org/10.1007/s11244-022-01562-0		2022	

3.	Synthetic and natural coumarins as potent anticonvulsant agents: A review with structure–activity relationship	R.S. Keri , S Budagumpi, S Balappa Somappa	Journal of Clinical Pharmacy and Therapeutics	In press https://doi.org/10.1111/1/jcpt.13644		2022	
4.	Antibacterial natural products from microbial and fungal sources: a decade of advances	S Mohan, A Krishna, M Chandramouli, R.S. Keri , SA Patil, S Ningaiah,	Molecular Diversity	In press https://doi.org/10.1007/s11030-022-10417-5		2022	
5.	Chitosan-ZnO: An efficient and recyclable polymer incorporated hybrid nanocatalyst to synthesize tetrahydrobenzo[b]pyran and pyrano[2,3-d]pyrimidinones under microwave expedition	Kodasi, S. D. Joshi, R. R. Kamble, R.S. Keri , P.K. Bayannavar, A.R. Nesaragi, S. Dixit, S. Vootla, T.V. Metre	Chemistry select	Accepted		2022	

6.	Cu microcrystals (CuMCs) garnished with CuNPs catalyzed one-pot facile synthesis of novel 1,2,3-triazoles via click chemistry as antifungal agents	Kodasi, S. D.Joshi, R. R. Kamble, R.S.Keri , P.K. Bayannavar, A.R. Nesaragi, S. Dixit, S. Vootla, T.V. Metre	Applied Organometallic chemistry	In press https://doi.org/10.1002/aoc.664		2022	
7.	A novel mixed Ag–Pd nanoparticles supported on SBA silica through [DMAP-TMSP-DABCO] OH basic ionic liquid for Suzuki coupling reaction	NM Shaikh, V Adimule, GB Bagihalli, R.S. Keri ,	Topics in Catalysis	In press https://doi.org/10.1007/s11244-022-01586-6		2022	
8.	Studies on Synthesis, Characterization of Smx ZnO: CoO Nanocomposites and Its Effect on Photo Catalytic Degradation of Textile Dyes	V Adimule, BC Yallur, R.S. Keri ,	Topics in Catalysis	In press https://doi.org/10.1007/s11244-022-01574-w		2022	
9.	A Novel Silica Immobilised Acidic Ionic Liquid [BMIM][AlCl ₄] as an	NM Shaikh, GB Bagihalli, V Adimule, R.S. Keri	Topics in Catalysis	In press https://doi.org/10.1007/s11244-022-01574-w		2022	

	Effective Catalyst for Biscoumarine Synthesis			0.1007 / s11244 - 022-01591-9			
10.	Multi-targeting tacrine conjugates with cholinesterase and amyloid-beta inhibitory activities: new anti-Alzheimer's agents	Hiremathad A.; Chaves S.; Keri R. S.	Chemistry Biodiversity	e2000083	18	2021	--
11.	Facile synthesis of Fe ₃ O ₄ /ZnO nanocomposite: Application to photocatalytic and antibacterial activity	Shanshak, M.; Nagaraju; Naik. B.; Keri, R.S	Journal of Electronic Materials	3759-3759	50 (6),	2021	--
12.	Fe ₃ O ₄ @cysteine nanocomposite: An efficient and reusable catalyst for the facile, green, one-pot synthesis of 1,4-dihydropyridine via Hantzsch reaction	Ghosh, A; Kavitha, C.S.; Keri, R.S	Chemical Data Collections	33	100688	2021	
13.	Glucose electrocatalysts derived from mono- or dicarbene coordinated nickel (II) complexes and their mesoporous carbon composites	Z Yhobu, B KN, G Achar, JG Malecki, RS Keri, N DH, S Budagumpi	Applied Organometallic Chemistry,		e6446	2021	
14.	Metal-Metal Interactions in Bi-, Tri- and Multinuclear Fe, Ru and Os N-Heterocyclic Carbene Complexes and their Catalytic	BK Narayana, RS Keri, ND Hanumanthara yudu, S Budagumpi	European Journal of Inorganic Chemistry			2021	

	Applications						
15.	An efficient, multicomponent synthesis of aminoalkyl naphthols via Betti reaction using ZSM-5 as a recoverable and reusable catalyst	Keri R. S. Patil, M; Budagumpi, S; Sasidhar, B.S.	Appl Organomet Chem.	e6316.	35	2021	
16.	Nonwoven fabric supported, chitosan membrane anchored with curcumin/TiO ₂ complex: Scaffolds for MRSA infected wound skin reconstruction	Marulasidde sh wara R.; Jyothi, M.S.; Soontarapa K.; Keri R. S.	International Journal of Biological Macromolecules	85-93	144	2020	5
17.	Coumarin substituted 4-aryl-1, 2, 4-triazolium salts and their silver (I) N-heterocyclic carbene complexes: Effects of counterions on the antioxidant and antihemolytic properties	Geetha, B.M.; Malecki, J.G.; Alwarsamy, M.; Keri R. S. ; Betageri, V.S.	Journal of Molecular Liquids	113809	316	2019	5
18.	Coinage metal complexes of chiral-N-heterocyclic carbene ligands: Syntheses and applications in asymmetric catalysis	Budagumpi, S.; Keri R. S. ; Achar, G.; Brinda, K. N.	Advanced Synthesis & Catalysis	970-997	362	2020	8
19.	Green synthesis of 3,4-disubstituted isoxazol-5(4H)-ones using ZnO@Fe ₃ O ₄ core-shell nanocatalyst in	Shanshak, M.; Budagumpi, B.; Malecki, J.G.; Keri, R.S.	Applied Organometallic Chemistry	e5544	34	2020	2

	water						
20.	A novel, multi-component method of preparation of quinolines using recyclable $\text{CeO}_2\text{-TiO}_2$ nanocomposite catalyst under solvent-free conditions.	Khan S., Agasar M., Ghosh A., Keri R. S. ,	Organic Preparations and Procedures International	153-160	51	2019	3
21.	Highly efficient hydrogen production by hydrolysis of NaNH_4 using eminently competent recyclable Fe_2O_3 decorated oxidized mwcnts robust catalyst,	Prasad,D.; Patil, K.N.; Sandhya, N.; Chaitra, C.R.; Bhanushali, J.T.; Samal, A.; K. Keri R. S. , Jadhav, A. H.; Nagaraja, B.M.	Applied Surface Science	538–551	489	2019	22
22.	Exploring the chelating capacity of 2-hydroxyphenyl-benzimidazole based hybrids with multi-targetability as anti-Alzheimer's agents,	Chaves S.; Hiremathad A.; Tomás D.; Keri R. S. ; Piemontese L.; Santos M. A.	New J. Chem.	16503-16515	42	2018	25
23.	Phytochemical composition of <i>Caesalpinia crista</i> extract as potential source for inhibiting cholinesterase	Chethana K. R.; Shashidar B. S.; Naika M.; Keri R.S. ,	Asian Pacific Journal of Tropical Biomedicine	1-12.	8(2)	2018	5

	and β -amyloid aggregation: Significance to Alzheimer's disease.						
24.	Titanium-based nanoparticles: A novel, facile and efficient catalytic system for one-pot synthesis of quinoline derivatives.	Agasar M.; Patil M.R.; Keri R.S. ,	Chemical Data Collections	178-186	17-18	2018	1
25.	Development of coumarin and benzofuran conjugated hybrids as the versatile multi-targeted compounds for the treatment of Alzheimer's disease	Hiremathad, A.; Chand, K.; Keri, R.S.	Chem. Bio. Drug Des.,	1497–1503.	92	2018	10
26.	Novel tacrine-e-hydroxyphenylbenzimidazole hybrids as potential multitarget drug candidates for Alzheimer's disease,	A. Hiremathad, K. Chand, L. Tolayan, Rajeshwari, R. S. Keri , A. R. Esteves, S. M. Cardoso, S. Chaves, M. A. Santos,	Eur. J. Med. Chem.	255-267	148	2018	19
27.	Hydroxypyridinone - benzofuran hybrids with potential protective roles for Alzheimer's disease	A. Hiremathad, K. Chand, L. Tolayan,	J. Inorg. Biochem.	82-96	179	2018	20

	therapy,	Rajeshwari, R. S. Keri , A. R. Esteves, S. M. Cardoso, S. Chaves, M. A. Santos,					
28.	TiO ₂ -ZrO ₂ composite: Synthesis, characterization and its application as a facile, expeditious and recyclable catalyst for the synthesis of 2-aryl substituted benzoxazole derivatives.	Patil, M. R.; Bhanushali, J. T.; Nagaraja, B.M.; Keri, R.S. ,	C.R. Chimie	399-407	21	2018	12
29.	Quinoxaline and quinoxaline-1,4-di-N-oxides: An emerging class of antimycobacterials,	R.S. Keri, S. S. Pandule, S. Budagumpi, B. M. Nagaraja,	Ark De rPharmize	1-13	351	2018	22
30.	Ether and coumarine functionalized (benz)imidazolium salts and their silver(I) heterocyclic carbene complexes: Synthesis, characterization, crystal structures and antimicrobial	G. Achar, P. Agarwal, K.N. Brinda, J. G. Małecki, R. S. Keri , S. Budagumpi,	J. Organometal. Chem	64-75	854	2018	22

	studies.						
31.	Vapour phase selective hydrogenation of benzaldehyde to benzyl alcohol using Cu supported Mg-Al hydrotalcite catalyst,	T.B. Jayesh, K. Itika, G. V. Ramesh Babu, K.S. Rama Rao, R.S. Ker i, Arvind H. Jadhava, B. M. Nagaraja,	Cat. Comm.	73-77	106	2018	12
32.	Properties and Ammonia gas sensing applications of different inorganic acid doped Poly(2-chloroanilines)	S. S. Pandule, M, R. Patil, R, S. Keri,	Polym. Bull.	4469–4483	75	2018	11
33.	A new magnetically recyclable heterogeneous palladium(II) as a green catalyst for Suzuki-Miyaura cross-coupling and reduction of nitroarenes in aqueous medium at room temperature.	V. Kandathil, T. Koley, K .Manjunatha, R. Dateer, R. S. Keri, B. S. Sasidhar, S. A. Patil,	Inorganica Chimica Acta,	195-210	478	2018	23
34.	In-situ generation of Cu ₀	I. Kainthla, G.	<i>Cat. Lett,</i>	2891–	148	2018	21

	supported on TiO ₂ aerogel as a catalyst for the vapour phase hydrogenation of nitrobenzene to aniline,	Ramesh Babu, J. T. Bhanusha li, R.S. Keri, K. S.Rama Rao, B.M. Nagaraja,		2900			
35.	<i>Cassia tora</i> Linn.: A boon to Alzheimer's disease for its anti-amyloidogenic and cholinergic activities. <i>Phytomedicine</i>	Chethana, K.R.; Senol F.S.; Orhan I.E., Anilakumar K.R.; Keri. R. S.	Phytomedicine	43-52	33	2017	20
36.	Antibacterial and antitubercular evaluation of dihydronaphthalene indole hybrid analogs.	Praveen Kumar.; Renjitha, J.; Fathimath, Salfeena C T.; Ashitha, K T.; Keri, R. S. ; Sunil, V; Sasidhar B.S.,	Chem. Bio. Drug Des.,	703-708	90	2017	15
37.	A review on antioxidant potential of bioactive heterocycle benzofuran: Natural and synthetic derivatives.	Chand, K.; Rajeshwari, ; Hiremathad A.; Singh M.; Santos, M. A.; Keri, R. S.,	Pharmaceutical Report,	281-295	69	2017	14

38.	Vapor-phase dehydrogenation of ethylbenzene to styrene over V ₂ O ₅ /TiO ₂ -Al ₂ O ₃ catalyst with CO ₂ .	Kainthla, I.; Ramesh Babu G.V.; Bhanushali, J. T.; Keri, R. S. ; Rama Rao K.S.; Nagaraja, B.M.,	New J. Chem.	4173-4181	41	2017	32
39.	Synthesis, characterization, crystal structure and biological studies of silver(I) complexes derived from coumarin-tethered <i>N</i> -heterocyclic carbene ligands.	Achar, G.; Uppendranath, K.; Ramya, V. C.; Biffis, A.; Keri, R. S.; Budagumpi, S.,	Polyhedron	470-479	123	2017	23
40.	Olefin poly/oligomerizations by metal precatalysts bearing non-heterocyclic <i>N</i> -donor ligands.	Budagumpi, S.; Keri, R. S. ; Biffis, A.; Patil, S.A.,	App. Cat. A: Gen.	32-60	535	2017	22
41.	Tacrineallyl/propagylcysteine-benzothiazole trihybrids as	Hiremathad, A.; Chand, K.; Esteves, A.; Cardoso, S. M.;	RSC Adv.,	53519-53532	6	2016	19

	potential treatment of Alzheimer's candidates.	Andrews, S.T.; Chaves, S.; Keri, R. S. ; Santos, M. A.,					
42.	Benzimidazole-core as an antimycobacterial agent.	Keri, R. S. ; Chethana K.R.; Patil, S. A.; Nagaraja, B. M.,	Pharm a. Report,	1254-1265	68	2016	27
43.	Catalytic Hydrogenation of benzaldehyde for selective synthesis of benzyl alcohol: A review.	Kainthla, I.; Bhanushali, J. T.; Keri, R. S. ; Nagara ja, B.M.,	Chem. Select,	3839-3853	1	2016	35
44.	A Mild, efficient and reusable Solid phosphotungestic acid catalyst mediated synthesis of benzoxazole derivatives: A grinding approach.	Patil, M. R.; Yelamagga d, A.; Keri, R. S. ,	Lett.Or g. Chem.,	474-481	13(7)	2016	5
45.	New tacrine hybrids with natural based cysteine derivatives as multi-targeted drugs for potential treatment of Alzheimer's disease	R.S. Keri, C. Quintanova, A. Esteves, S. M. Cardoso, M. A. Santos	Chem. Biol. Drug Design	101-111,	87	2016	23
46.	Design, synthesis and bioevaluation of tacrine hybrids with cinnamate and cinnamylideneacetate derivatives as potential	C. Quintanova, R.S. Keri, S. M. Marques, A. Esteves, S. M. Cardoso, M. A. Santos,	MedChem Comm	1969-1977	6	2015	12

	anti-Alzheimer drug candidate						
47.	Drug development of coumarin derivatives as potent antituberculosis agents	R.S. Keri , B.S. Sasihar, B.M. Nagaraju, M. A. Santos	Eur. J. Med. Chem	257-269	100	2015	51
48.	Copper(II) complexes of Tacrine-SAC and Tacrine-SPRC hybrid derivatives as potential anti-neurodegenerative drugs	C. Quintanova, R.S.Keri , M. A. Santos, Slivia chaves	J. Inorg. Biochem.	58-66	151	2015	12
49.	Benzofuran: an emerging scaffold for antimicrobial agents	A. Hiremath, M.A. Patil, Karma Chand, M. A. Santos, R.S.Keri	RSC Adv.	96809-96828	5	2015	33
50.	Activity studies of vanadium, iron, carbon and mixed oxides based catalysts for the oxidative dehydrogenation of ethylbenzene to styrene	I. Kainthla, J. T. Bhanushali, R. S. Keri B.M. Nagaraja	Catal. Sci. Technol.	5062-5076	5	2015	12

51.	<i>N</i> -heterocyclic carbene metal complexes as bio-organometallic antimicrobial and anticancer drugs	S. A. Patil, S.A Patil, R. Patil, R.S Keri , S. Budagumpi, G.R Balakrishna, M. Tacke	Future Med. Chem	7(10)	1305–1333	2015	40
52.	Recent progress on pyrazole scaffold-Based antimycobacterial agents	R. S Keri , Karma Chand, B.M. Nagaraju, M. A. Santos, T.R am Krishnappa	Arch. Pharm. Chem. Life Sci.	299-314	348 (5)	2015	33
53.	Labelling of brassinosteroids by isotopes of hydrogen and carbon	M. R Patil, R.S.Keri ,	RSC Adv. 2015	39726–39745	5	2015	2
54.	Triazole: A promising antitubercular agent	R. S Keri , M. R Patil, S. A. Patil, S Budagumpi, B.M. Nagaraju	Chem. Biol. Drug Design	410–423	86	2015	33
55.	Regioselective nitration of phenols and phenyl ethers using aluminium nitrate on silica as a nitrating system	M. R. Patil, P. H. Mohite, S. Shisodia, R. S. Keri	Lett. Org. Chem.	129-135	129	2015	2
56.	A Comprehensive review in current developments of benzothiazole - based molecules in medicinal	R. S. Keri , M. R Patil, S. A. Patil, S Budagumpi	Eur. J. Med. Chem.	207-251	89	2015	28 6

	chemistry						
57.	Current developments of benzimidazole-based medicinal chemistry	R. S. Keri, A. Hiremathad, S. Budagumpi M. Nagaraja	Chem. Biol. Drug Design	19-65	86	2015	178
58.	Quinoline: A promising antitubercular target	R. S. Keri, S. A. Patil	Biomed. Pharm.	1161-1175	68	2014	59
59.	4-Nitrophthalic acid - catalyzed Bigine reaction: one-pot synthesis of 3,4-dihydropyrimidin-2-(1H)-ones/thiones under solvent free conditions	R. S. Keri, S. A. Patil	Inter. J. Eng. Inven.	2319-6491	4	2014	--
60.	Chromones as a privileged scaffold in drug discovery	R. S. Keri, S. Budagumpi, R. K. Pai, R.G. Balakrishna	Eur. J. Med Chem.	340-374	78	2014	287
61.	Enantioselective reactions of <i>N</i> -acyliminium ions using chiral organocatalysts	Y. S. Lee, Md. Maqsood Alam, R. S. Keri	Chem. Asian J.	2906-2919	8	2013	3

62.	Design, synthesis and neuroprotective evaluation of novel tacrine-benzothiazole hybrids as multi-targeted compounds against Alzheimer's disease	R.S. Keri, C. Quintanova, S. M. Marques, A. Esteves, S. M. Cardoso, M. A. Santos	Bioorg. Med. Chem.	4559-4569	21	2013	47
63.	Application of electro-dialytic pilot plant for fluoride removal	R. S. Keri, K. M. Hosamani, R. S. Harisha, S. K. Nataraj, T.M. Aminabhavi	J. Water Chem. Tech	293-300	33(5)	2011	10
64.	Analgesic, anti-pyretic and DNA cleavage studies of novel pyrimidine derivatives of coumarin moiety	R. S. Keri, K.M. Hosamani, R. V. Shingalapur M.H. Hugar	Eur. J. Med. Chem.	2597-2605	45	2010	86
65.	A facile and expeditious approach to the synthesis of 2-azetidinone derivatives via multi-component reaction	R. S. Keri, K.M. Hosamani	Mon. fur. Chemie	883-888	141	2010	9
66.	Synthesis, <i>in vitro</i> anti- microbial and cytotoxic studies of novel azetidinone derivatives from coumarin moiety	R. S. Keri, K.M. Hosamani, R. S. Harisha, R.	Arch. Pharm. Chem. Life Sci.	237-247	343	2010	16

		V. Shingalapur					
67.	Derivatives of benzimidazole pharmacophore: Synthesis, anticonvulsant, antidiabetic and DNA cleavage studies.	R. V. Shingalapur, K.M. Hosamani, R. S. Keri , M.H. Hugar	Eur. J. Med. Chem.	1753-1759	45	2010	148
68.	New Schiff's base and 2- Azetidinone derivatives of 3-benzo [4,5] imidazo [2,1-b] thiazol-3-yl-chromen-2-one	R. S. Harisha, K.M. Hosamani, R. S. Keri	Syn. Comm.	450-461	40	2010	6
	vilsmeier-haack formylation						
69.	Controlled release of 5-flurouracil from biomedical polyurethanes	R. S. Harisha, K.M. Hosamani, R. S. Keri , B.S. Namdev, T.M. Aminabhavi	J Chem. Sci.	1-8	122(2)	2010	10
70.	Arsenic removal from drinking water using thin film composite nanofiltration membrane	R. S. Harisha, K. M. Hosamani, R. S. Keri , S.K. Nataraj, T.M. Aminabhavi	Desalination	75-80	252	2010	111

71.	2-Azetidinone derivatives: Design, synthesis in vitro anti-microbial, cytotoxic activities and DNA cleavage study	R. S. Keri, K.M. Hosamani, R. V. Shingalapur, S. Reddy	Eur. J. Med. Chem.,	5123-5130	44	2009	43
72.	A solvent-free synthesis of coumarins using Phosphotungstic acid as catalyst.	R. S. Keri, K.M. Hosamani, Harisha R. S. Reddy	Cat. Lett.	321-327	131(1-2)	2009	24
73.	Wells-Dawson heteropolyacid-An efficient recyclable catalyst for the synthesis of benzimidazoles under microwave condition	R. S. Keri, K.M. Hosamani, R. S. Harisha, R. V. Shingalapur	Cat. Lett.	552-559.	131(3-4)	2009	15
74.	Synthesis and evaluation of <i>in vitro</i> anti-microbial and anti-tubercular activity of 2 - styryl benzimidazoles.	R. V. Shingalapur, K.M. Hosamani, R. S. Keri	Eur. J. Med. Chem.,	4244-4248	44	2009	124
75.	Renewable energy sources from <i>Michelia champaca</i> and <i>Garcinia indica</i> seed oils: A rich source of oil	K. M. Hosamani, R. V. B. Hiremath, R. S. Keri	Biomass and Bioenergy	267-270	33	2009	35
76.	Synthesis <i>in-vitro</i> microbial and cytotoxic studies of new benzimidazole derivatives.	R. S. Harisha, K. M. Hosamani, R. S. Keri	Arch. Pharm. Chem. Life Sci.	412-419	342	2009	14

77.	Microwave-assisted rapid synthesis of 5-nitro-2-Aryl substituted-1H-benzimidazole libraries	K. M. Hosamani, R. S. Harisha, R. S. Keri , S.H. Manohar, M.G. Maloney	J. Enzyme inhibition & Med. Chem.	1095-1100	24 (5)	2009	23
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