

**BOMBAY COLLEGE OF PHARMACY****List of Publications****Department of Pharmaceutics**

Year: 2015

<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
1.	Cholesterol anchored arabinogalactan for asialoglycoprotein receptor targeting synthesis, characterization, and proof of concept of hepatospecific delivery	Carbohydr. Res, 2015, 408: 33-43. DOI: <a href="https://doi.org/10.1016/j.carres.2015.03.003">https://doi.org/10.1016/j.carres.2015.03.003</a>	Pathak Pankaj, Nagarsenker Mangal, Barhate Chandrashekhar, Padhye Sameer, Dhawan Vivek, Dibyendu Bhattacharyya, C. L. Viswanathan, Steiniger Frank, Fahr Alfred
2.	Alginate microparticles loaded with lipopolysaccharide subunit antigen for mucosal vaccination against <i>Klebsiella pneumoniae</i>	Biologicals 2015, 43 (3): 195-201. DOI: <a href="https://doi.org/10.1016/j.biologicals.2015.02.001">https://doi.org/10.1016/j.biologicals.2015.02.001</a>	R.R. Jain, M.R. Mehta, A.R. Bannalikal, M.D. Menon
3.	Influence of formulation factors and compression force on release profile of sustained release metoprolol tablets using compritol® 888ato as lipid excipient	Indian J Pharm Sci, 2015, 77: 620-5. PMID: 26798179	Shilpa N Patere, Chhanda J Kapadia, Mangal S Nagarsenker
4.	Preparation and Evaluation of Surface Modified Lactose Particles for Improved performance of Fluticasone Drug Powder Inhaler	J Aerosol Med Pulm Drug Deliv, 2015, 28 (4), 254-267. DOI: <a href="https://doi.org/10.1089/jamp.2014.1146">https://doi.org/10.1089/jamp.2014.1146</a> .	Singh DJ, Jain RR, Soni PS, Abdul S, Darshana H, Gaikwad RV, Menon MD
5.	Cationic nanoemulsions as potential carriers for intracellular delivery	Saudi Pharmaceutical Journal, April 2015, 23( 2): 188-194. DOI: <a href="https://doi.org/10.1016/j.jsps.2014.07.007">https://doi.org/10.1016/j.jsps.2014.07.007</a>	Khachane, P. V., Jain, A. S., Dhawan, V. V., Joshi, G. V., Date, A. A., Mulherkar, R., & Nagarsenker, M. S.
6.	Macrophage targeted Mannosylated Liposome-based DPI of Rifampicin Development and Evaluation	Proceedings of Respiratory Drug Delivery Europe, 2015, 255-260	Jain RR, Aher N, Mehta MR, Sutariya B, Sadrani B, Ugarkar A, Pissurlenkar R, Coutinho E, Menon MD

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Sr. No.	Title of the paper	Journal details	Authors
7.	In Vitro and Ex Vivo Evaluations of Lipid Anti-Cancer Nanoformulations: Insights and Assessment of Bioavailability Enhancement	AAPS PharmSciTech 2016, 17 (3): 553-571 DOI: <a href="https://doi.org/10.1208/s12249-016-0522-2">https://doi.org/10.1208/s12249-016-0522-2</a> . <b>IF - 2.608</b>	Jain, A. S.; Dhawan, V. V.; Sarmiento, B.; Nagarsenker, M. S.
8.	Influence of Test Parameters on Release Rate of Hydrocortisone from Cream: Study Using Vertical Diffusion Cell	Dissolution technologies 2016, 23 (3): 14-20. DOI: <a href="https://doi.org/10.14227/DT230316P14">dx.doi.org/10.14227/DT230316P14</a> . <b>IF - 0.440</b>	Naik, P.; Shah, S. M.; Heaney, J.; Hanson, R.; Nagarsenker, M. S.
9.	Development and Evaluation of Chitosan Microparticles Based Dry Powder Inhalation Formulations of Rifampicin and Rifabutin	Journal of Aerosol Medicine and Pulmonary Drug Delivery 2016, 29 (2): 179-195. DOI: <a href="https://doi.org/10.1089/jamp.2014.1187">https://doi.org/10.1089/jamp.2014.1187</a> . <b>IF - 2.866</b>	Pai, R. V.; Jain, R. R.; Bannaliker, A. S.; Menon, M. D.
10.	Design of cholesterol arabinogalactan anchored liposomes for asialoglycoprotein receptor mediated targeting to hepatocellular carcinoma: In silico modeling, in vitro and in vivo evaluation	International Journal of Pharmaceutics 2016, 509 (1), 149-158. DOI: <a href="https://doi.org/10.1016/j.ijpharm.2016.05.041">https://doi.org/10.1016/j.ijpharm.2016.05.041</a> . <b>IF - 4.213</b>	Pathak, P.; Dhawan, V.; Magarkar, A.; Danne, R.; Govindarajan, S.; Ghosh, S.; Steiniger, F.; Chaudhari, P.; Gopal, V.; Bunker, A.; Nagarsenker, M. S.
11.	Development, Characterization and Evaluation of Tinidazole Nano suspension for Treatment of Amoebiasis	Journal of Nanomedicine and Nanotechnology 2016 7(6): 413. DOI: 10.4172/2157-7439.1000413 . <b>IF - 0.55</b>	Pawar R. N., Chavan S. N., Menon M. D.
12.	Lecithin and PLGA-based self-assembled nanocomposite, Lecithmer: preparation, characterization, and	Drug delivery and translational research 2016, 6 (4), 342-353. DOI: <a href="https://doi.org/10.100">https://doi.org/10.100</a>	Varghese, S. E.; Fariya, M. K.; Rajawat, G. S.; Steiniger, F.; Fahr, A.; Nagarsenker, M. S.

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	pharmacokinetic /pharmacodynamics evaluation	<a href="#">7/s13346-016-0314-y</a> . <b>IF - 3.111</b>	
13.	Preliminary Studies on brain targeting of intranasal atomoxetine liposomes	International Journal of Pharmacy and Pharmaceutical Sciences 2016; 8(3): 286-292. IF -	Amruta V. Vaidya, Ujwala A. Shinde, Hemant H. Shimpi
14.	Mucosal Vaccination Against Airborne Pathogens Using Antigen-loaded Microparticles	RDD Asia 2016; 1, 2016, 81-100. IF -	Menon M. D., Gautam M., Gairola S., Bannalikal A. S., Jain R. R., Mehta M. R.
15.	Chitosan-N-acetyl cysteine microspheres for ocular delivery of acyclovir: Synthesis and in vitro/in vivo evaluation	Journal of Drug Delivery Science and Technology 2016, 35: 333-342 DOI: <a href="https://doi.org/10.1016/j.jddst.2016.08.006">https://doi.org/10.1016/j.jddst.2016.08.006</a> . <b>IF - 2.606</b>	Gopal Singh Rajawat, Ujwala A. Shinde, Hema A. Nair
16.	Exploring the potential of porous silicas as a carrier system for dissolution rate enhancement of Artemether	Asian Journal of Pharmaceutical Sciences, 2016, 6(11), 760-770. DOI: <a href="https://doi.org/10.1016/j.ajps.2016.06.002">https://doi.org/10.1016/j.ajps.2016.06.002</a> . <b>IF - 4.016</b>	Pawar J, Desai H, Moravkar K, Amin P
17.	Soluplus Based Polymeric Micelles and Mixed Micelles of Lornoxicam: Design, Characterization and In vivo Efficacy Studies in Rats	Indian Journal of Pharmaceutical Education and Research 2016, 50(2): 277-286. <b>IF – 0.425</b>	Bhuptani, Ronak Subodhkumar, Ankitkumar Sushilkumar Jain, Dinesh Tikam Makhija, Aarti Ganpat Jagtap, Puthusserickal Abdul Rahiman Hassan, and Mangal Shailesh Nagarsenker
18.	Stearylated cycloarginine nanosystems for intracellular delivery - simulations, formulation and proof of concept.	RSC Advances 2016, 6 (114): 113538-113550. DOI: 10.1039/C6RA16432C. <b>IF – 3.049</b>	Dhawan, V.; Magarkar, A.; Joshi, G.; Makhija, D.; Jain, A.; Shah, J.; Reddy, B.; Krishnapriya, M.; Róg, T.; Bunker, A., Jagtap A.; Nagarsenker, M. S
19.	Characterization of pioglitazone cyclodextrin complexes: Molecular modeling to in vivo evaluation	Journal of Pharmacy & Bioallied sciences 2016, 8 (2): 161-169. DOI: 10.4103/0975-7406.171680.	Dinesh M. Bramhane, Preethi A. Kulkarni, Elvis A. F. Martis, Raghuvir R. S. Pissurlenkar, Evans C. Coutinho, Mangal S. Nagarsenker

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20.	Docetaxel in cationic lipid nanocapsules for enhanced in vivo activity	Pharmaceutical development and technology 2016, 21 (1): 76-85. DOI: <a href="https://doi.org/10.3109/10837450.2014.971374">https://doi.org/10.3109/10837450.2014.971374</a> . <b>IF - 2.347</b>	Jain, A. S.; Makhija, D. T.; Goel, P. N.; Shah, S. M.; Nikam, Y.; Gude, R. P.; Jagtap, A. G.; Nagarsenker, M. S
21.	Targeted liposomal systems of Rifampicin for Enhanced Alveolar Macrophage Uptake: In vitro Assessment	Respiratory Drug Delivery 2016, 1: 225-230.	Jain R, S. C., Maniar J, Sharma J, Punjabi K, Vaidya S, Coutinho E, Ugharkar A, Menon MD
22.	A novel folate conjugated nanoliposomal system of Doxorubicin for Cancer targeting	AAPS PharmSciTech 2016, Dec 17, (6): 1298-1311. DOI: <a href="https://doi.org/10.1208/s12249-015-0462-2">https://doi.org/10.1208/s12249-015-0462-2</a> . <b>IF - 2.608</b>	Atul A Lohade, Rajesh R Jain, Krishna Iyer, Sushant K Roy, Hemant H Shimpi, Yogita Pawar, M. G. R. Rajan, Mala. D. Menon

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Sr. No.	Title of the paper	Journal details	Authors
23.	Solid Lipid Nanoparticles of Albendazole for Treatment of ToxocaraCanis Infection: In-Vivo efficacy Studies	Nano science & Nanotechnology Asia 2017, 7(1), 80-91 DOI:10.2174/2210681206666160726164457.	Anjali Kudtarkar, Ujwala Shinde, G. P. Bharkad and Kavita Singh
24.	Sugar Substitutes: An Overview	World Journal of Pharmaceutical Research, 2017; 6(3), 1384-1416. <b>IF – 8.084</b>	Shinde U. A., Kusalkar S. and Rajput N
25.	Co-crystals of Gliclazide: Formulation and Characterisation	Am. J. Pharm Tech Res. 2017; 7(2), 217-235. <b>IF – 1.123</b>	Ujwala Shinde, Urmila Nair, Harita Desai, Elvis Martis, Purnima Amin
26.	Self nano-emulsifying granules (SNEGs) of meloxicam: preparation, characterization, molecular modeling and evaluation of anti-inflammatory activity	Drug. Dev. Ind. Pharm., 2017; 43(4). DOI: <a href="https://doi.org/10.1080/03639045.2016.1275665">https://doi.org/10.1080/03639045.2016.1275665</a> <b>IF – 2.367</b>	Vidhi J. Parekh, Namita D. Desai
27.	Studies on solubility enhancement of poorly soluble NSAID by dual approach of melt granulation and micro-environmental pH modulation	Current Drug Delivery 2017 Dec 1;14(8): 1201-1212. DOI: <a href="https://doi.org/10.2174/1567201814666170413120513">https://doi.org/10.2174/1567201814666170413120513</a> <b>IF – 0.71</b>	Kadam A, Desai N.
28.	Catanionic systems in nanotherapeutics–Biophysical aspects and novel trends in drug delivery applications	Journal of Controlled Release 2017 Nov 28, 266: 331-345 DOI:10.1016/j.jconrel.2017.09.040 <b>IF – 7.901</b>	Dhawan VV, Nagarsenker MS.
29.	Pulmonary delivery of synergistic combination of fluoroquinolone antibiotic complemented with proteolytic enzyme: A novel antimicrobial and antibiofilm strategy	Nanomedicine: Nano-technology, Biology and Medicine 2017 Oct, 13(7): 2371-84. DOI: <a href="https://doi.org/10.1016/j.nano.2017.06.011">https://doi.org/10.1016/j.nano.2017.06.011</a> <b>IF – 5.570</b>	Gupta PV, Nirwane AM, Belubbi T, Nagarsenker MS.

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30.	Novel orodispersible compositions of nutraceuticals prepared by the technology of extrusion-spheronization	Journal of Applied Pharmaceutical Science 2017 Apr, 7 (04): 031-037 DOI:10.7324/JAPS.2017.70404 <b>IF – 0.49</b>	Desai N, Jain S, Singh PP, Amin P.
31.	Surface Modified Liposomal Formulation of Amphotericin B: In vitro Evaluation of Potential Against Visceral Leishmaniasis	AAPS PharmSciTech 2017 April, 18(3): 710-720 DOI: 10.1208/s12249-016-0553-8 <b>IF – 2.608</b>	Patere, S. N.; Pathak, P. O.; Shukla, A. K.; Singh, R. K.; Dubey, V. K.; Mehta, M. J.; Patil, A. G.; Gota, V.; Nagarsenker, M. S.
32.	Development and evaluation of nanoparticulate based in – situ gelling system for nasal drug delivery of an anti – epileptic drug	Indian Drugs. 2017, 54 (09): 83 – 85. <b>IF – 0.08</b>	Ambavkar A, Desai N.
33.	Self-nanoemulsifying granules (SNEGs) of meloxicam: preparation, characterization, molecular modeling and evaluation of in vivo anti-inflammatory activity	Drug Development and Industrial Pharmacy 2017 Apr 3, 43(4): 600-610. DOI: <a href="https://doi.org/10.1080/03639045.2016.127566">https://doi.org/10.1080/03639045.2016.127566</a> <b>5. IF - 2.367</b>	Parekh VJ, Desai ND, Shaikh MS, Shinde UA.

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Year: 2018

Sr. No.	Title of the paper	Journal details	Authors
34.	Nanolipid Gel of an Antimycotic Drug for Treating Vulvovaginal Candidiasis—Development and Evaluation	AAPS PharmSciTech. 2018 Jan 16, 1: 1. DOI: <a href="https://doi.org/10.1208/s12249-017-0918-7">https://doi.org/10.1208/s12249-017-0918-7</a> . <b>IF - 2.608</b>	Takalkar D, Desai N.
35.	Role of Nanomedicine in Hepatic Targeting- Deciphering Strategies with Molecular Insights and Preclinical Prospects	Drug Delivery Letters 2018, 8(2): 85-105 DOI:10.2174/2210303108666171204160219.	Dhawan VV, Marwah MS, Nagarsenker MS.
36.	Inhalable Levofloxacin Liposomes complemented with Lysozyme for Treatment of Pulmonary Infection in Rats: Effective Antimicrobial and Antibiofilm Strategy	AAPS PharmSciTech 2018 Apr, 19(3): 1454-1467 DOI:10.1208/s12249-017-0945-4. <b>IF - 2.608</b>	Gupta PV, Nirwane AM, Nagarsenker MS
37.	pH modulation based solid dispersion to enhance solubility of a poorly soluble NSAID - Development and Evaluation	Drug Delivery Letters 2018, 8(1): 41-51 DOI:10.2174/2210303107666170822161343.	Kadam A, Desai N.
38.	Glyceryl Monostearate: Probing the Self Assembly of a Lipid Amenable To Surface Modification for Hepatic Targeting	The Journal of Physical Chemistry C 2018, 122 (38): 22160-22169 DOI:10.1021/acs.jpcc.8b05931. <b>IF- 4.309</b>	M Marwah, A Magarkar, D Ray, V Aswal, A Bunker, M Nagarsenker
39.	The Potential of Combined Antioxidant Enzyme and Tiotropium Bromide for Improved COPD Therapy - Ex Vivo Studies	RDD Asia 2018. Volume 1, 2018: 171-178.	Kalola K, Raut M, Nikalje M, Menon MD, Sule S.
40.	Novel Combination Therapy Using A Dry Powder Inhaler System For Amelioration Of Chronic Obstructive Pulmonary Disease	RDD Asia 2018. Volume 1, 2018: 179-186.	Chavan S, Naik I, Sule S, Shinde U, Menon MD
41.	Sonocrystallization As A Particle Engineering Technique for Development of Inhalable Particles of Fluticasone Propionate	RDD Asia 2018, 1: 187-192.	Agarwal VV, Savla HM, Pokhare AS, Kharade UA, Shinde U, Menon MD
42.	Design and Development of repaglinide microemulsion gel for transdermal delivery	AAPS PharmSciTech, 2018, 19(1): 315-325 DOI:	Ujwala A. Shinde, Sheela H. Modani, and Kavita H. Singh

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		10.1208/s12249-017-0811-4. <b>IF – 2.608</b>	
43.	Lipid Architectonics for Superior Oral Bioavailability of Nelfinavir Mesylate: Comparative in vitro and in vivo Assessment	AAPS PharmSciTech 2018, 19 (8), 3584-3598. DOI: <a href="https://doi.org/10.1208/s12249-018-1156-3">https://doi.org/10.1208/s12249-018-1156-3</a> . <b>IF - 2.608</b>	Tejashree Belubbi, Sukhada Shevade, Vivek Dhawan, Vinay Sridhar, Anuradha Majumdar, RuteNunes, Francisca Araújo, Bruno Sarmento, Kalpa Nagarsenker, Frank Steiniger Alfred Fahr, Aniket Magarkar Alex Bunker, Mangal Nagarsenker

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Sr. No.	Title of the paper	Journal details	Authors
44.	Biowaiver Monograph for Immediate-Release Solid Oral Dosage Forms: Ondansetron	Journal of Pharmaceutical Sciences. DOI: <a href="https://doi.org/10.1016/j.xphs.2019.05.033">https://doi.org/10.1016/j.xphs.2019.05.033</a> . <b>IF - 3.197</b>	Rajawat GS, Belubbi T, Nagarsenker MS, Abrahamsson B, Cristofolletti R, Groot DW, Langguth P, Parr A, Polli JE, Mehta M, Shah VP
45.	Single-step and low-energy method to prepare solid lipid nanoparticles and nanostructured lipid carriers using biocompatible solvents	European Journal of Pharmaceutical Research. 1(1), pp.12-19. <b>IF – 3.532</b>	Date, A.A. and Nagarsenker, M.S.
46.	Metronidazole loaded nanostructured lipid carriers to improve skin deposition and retention in the treatment of rosacea	Drug development and industrial pharmacy 2019, 1-30 DOI: <a href="https://doi.org/10.1080/03639045.2019.1569026">https://doi.org/10.1080/03639045.2019.1569026</a> . <b>IF - 2.367</b>	UA Shinde, SJ Parmar, S Easwaran
47.	Preparation and Evaluation of N-Trimethyl Chitosan Nanoparticles of Flurbiprofen for Ocular Delivery	Current eye research 2019. DOI: <a href="https://doi.org/10.1080/02713683.2019.1567793">https://doi.org/10.1080/02713683.2019.1567793</a> . <b>IF - 1.87</b>	UA Shinde, PN Joshi, DD Jain, K Singh



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Year: 2015

Sr. No.	Title of the paper	Journal details	Authors
48.	Mapping activity elements of protegrin antimicrobial peptides by HomoSAR	RSC Adv 2015, 5(96): 78790-78798. DOI: 10.1039/C5RA14402G	Maheshkumar R Borkar, Raghuvir R S Pissurlenkar and Evans C Coutinho
49.	Effect of water miscible organic solvents on p-nitrophenol hydroxylase (CYP2E1) activity in rat liver microsomes	Indian J Pharm Sci., 2015, 77(3): 283-289. PMID: 26180273	Patil PG, Kamble SH, Shah TS, Iyer KR
50.	New horizons in antimalarial drug discovery in the last decade by chemoinformatic approaches	Combi Chem High Throughput Screening 2015, 18(2): 129-150	Premlata K. Ambre, Ravindra D.Wavhale, Evans C. Coutinho
51.	Targeting Dormant Tuberculosis Bacilli: Results for molecules with anovel Pyrimidone Scaffold	Chem. Biol. Drug Design, 2015, 85(2): 201-207. DOI: <a href="https://doi.org/10.1111/cbdd.12373">https://doi.org/10.1111/cbdd.12373</a>	Rohit R. Joshi, Avinash Barchha, Vijay M. Khedkar, Raghuvir R. S. Pissurlenkar, Sampa Sarkar, Dhiman Sarkar, Rohini R. Joshi, Ramesh A. Joshi, Anamik K. Shah and Evans C. Coutinho
52.	Effect of water miscible organic solvents on CYP450-mediated metoprolol and imipramine metabolism in rat liver microsomes	Indian J Pharm Sci., 2015, 77(4), 382-390. PMID: 26664053	Shah TS, Kamble SH, Patil PP, Iyer KR
53.	How good are ensembles at improving QSAR? A case for eCoRIA	J. Biomol. Str. Dyn, 2015, 33(4), 749-769. DOI: <a href="https://doi.org/10.1080/07391102.2014.909744">https://doi.org/10.1080/07391102.2014.909744</a> .	Vijay Khedkar, Jose Joseph, Raghuvir Pissurlenkar, Anil Saran and Evans Coutinho
54.	CoRILISA: a local similarity-based receptor dependent QSAR method	J Chem Inf Model 2015, 55(1): 194-205. DOI: <a href="https://doi.org/10.1021/ci5006367">https://doi.org/10.1021/ci5006367</a>	Khedkar, V. M. and Coutinho, E. C.
55.	Size-Induced Chiral Discrimination Switching by (S)-(-)-2 ( $\alpha$ -Hydroxyethyl) Benzimidazole-Derived Azacrowns	ChemPlusChem 2015, 80(3): 475-479. DOI: <a href="https://doi.org/10.1002/cplu.201402141">https://doi.org/10.1002/cplu.201402141</a>	Pandey, A. D., Mohammed, H., Pissurlenkar, R. R. and Karnik, A. V.
56.	Drug-DNA Interaction studies of acridone Based Derivatives	Nucleosides Nucleic Acids 2015, 34(1): 1-10. DOI: <a href="https://doi.org/10.1080/03602559.2014.909744">https://doi.org/10.1080/03602559.2014.909744</a>	Kuntebomanahalli Thimmiah, Apoorva G Ugarkar, Elvis F Martis, Mushtaque S Shaikh,

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		Acids 2015, 34(5): 309-31 DOI: <a href="https://doi.org/10.1080/15257770.2014.992531">https://doi.org/10.1080/15257770.2014.992531</a>	Evans C Coutinho and Mayur C Yergeri
57.	Conformational Study on Pheromonotropin neuropeptide using NMR and Molecular Dynamics.	Pharm Anal Acta 2015, 6(5):359-366. DOI: 5 <a href="http://dx.doi.org/10.4172/2153-2435.1000359">http://dx.doi.org/10.4172/2153-2435.1000359</a>	Deep Bhattacharya, Nitin Mishra, Evans C. Coutinho, Sudha Srivastava, Raghuvir RS Pissurlenkar and Mushtaque Shaikh
58.	Conformation of the Antigenic Peptide Tyrosinase (192-200) in Water and DMSO <sub>6</sub> by NMR Spectroscopy and MD Simulations	Pharm Anal Acta 6: 392 DOI:10.4172/2153-2435.1000392	Evans C. Coutinho, Mishra NB, Deep Bhattacharya, Sudha Srivastava, Mamta Joshi and Mushtaque Shaikh,
59.	Drug DNA Interaction Studies of Acridone-Based Derivatives Nucleosides	Nucleotides and Nucleic Acids, 2015, 34(5): 309-31 DOI: <a href="https://doi.org/10.1080/15257770.2014.992531">https://doi.org/10.1080/15257770.2014.992531</a>	Kuntebomanahalli Thimmaiah, Apoorva G Ugarkar, Elvis F Martis, Mushtaque S Shaikh, Evans C Coutinho, Mayur C Yergeri

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Sr. No.	Title of the paper	Journal details	Authors
60.	In silico optimization of pharmacokinetic properties and receptor binding affinity simultaneously: a 'parallel progression approach to drug design' applied to $\beta$ -blockers	Journal of Biomolecular Structure and Dynamics 2016, Feb 1; 34(2): 384-98. DOI: <a href="https://doi.org/10.1080/07391102.2015.1033646">https://doi.org/10.1080/07391102.2015.1033646</a> . <b>IF - 3.310</b>	Poonam Advani, Blessy Joseph, Premlata Ambre, Raghuvir Pissurlenkar, Vijay Khedkar, Krishna Iyer, Satish Gabhe, Radhakrishnan P Iyer, and Evans Coutinho
61.	Novel thermoresponsive assemblies of co-grafted natural and synthetic polymers for water purification	Water Science and Technology 2016, Dec 21, 75 (5), 1084-1097. DOI: <a href="https://doi.org/10.2166/wst.2016.599">https://doi.org/10.2166/wst.2016.599</a> <b>IF - 1.247</b>	Paneyasar JS, Barton S, Chandra S, Ambre P, Coutinho E.
62.	Evaluation of use of risedronate as an antibiofilm agent	Journal of Medical Microbiology 2016 Jan 1; 65(1): 9-18. DOI: 10.1099/jmm.0.000193 . <b>IF – 3.362</b>	Shamlan M. S. Reshamwala, Chandrasekhar Mamidipally, Raghuvir R. S. Pissurlenkar, Evans C. Coutinho, Santosh B. Noronha
63.	A Computational Model for Docking of Noncompetitive Neuraminidase Inhibitors and Probing their Binding Interactions with Neuraminidase of Influenza Virus H5N1	Current Computer-Aided Drug Design 2016 Dec 1; 12(4): 272-281.	Anand Chintakrindi, Elvis Martis, Devanshi Gohil, Sweta Kothari, Abhay Chowdhary, Evans Coutinho and Meena Kanyalkar
64.	Update on Methyltransferase Inhibitors of the Dengue Virus and Further Scope in the Field	J Emerg Infect Dis. 2016, 1(2): 108 doi:10.4172/jeid.1000108. DOI: 10.4172/2472-4998.1000108. <b>IF – 7.15</b>	Wangikar P, Martis EA, Ambre PK, Nandan S, Coutinho EC
65.	Recent Advances in Treatment of Malaria	Biomed Res J 2016, 3(2), 216-228. DOI: <a href="https://doi.org/10.1016/j.bmcl.2013.03.067">https://doi.org/10.1016/j.bmcl.2013.03.067</a> <b>IF - 0.219</b>	Sohal Satish, Jayashree Puttur, Evans Coutinho, Premlata Ambre, Santosh R Nandan
66.	Evaluation of cytochrome P450 2C9 activity in normal, healthy,	Indian Journal of Pharmacology 2016	Swar BD, Bendkhale SR, Rupawala A, Sridharan K,

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adult Western Indian population by both phenotyping and genotyping	May - June, 48(3): 248-251 DOI: 10.4103/0253-7613.182885. <b>IF – 1.040</b>	Gogtay NJ, Thatte UM, Kshirsagar NA, Shirsat V, Iyer K
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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
67.	Discovery of new leads against Mycobacterium tuberculosis using Scaffold Hopping and Shape based Similarity	Bioorg Med Chem, 2017 Sep 1, 25(17): 4835-4844 doi:10.1016/j.bmc.2017.07.034. <b>IF – 2.448</b>	Ravindra D. Wavhale, Elvis A. F. Martis, Premlata K. Ambre, Baojie Wan, Scott G Franzblau, Krishna R. Iyer, Kavita Raikuvar, Katarzyna Macegoniuk, Łukasz Berlicki, Santosh R. Nandan, Evans C. Coutinho
68.	Novel thermoresponsive assemblies of co-grafted natural and synthetic polymers for water purification	Water SciTechnol 2017, 75: 1084. DOI: <a href="https://doi.org/10.2166/wst.2016.599">https://doi.org/10.2166/wst.2016.599</a> . <b>IF - 1.624</b>	J S Paneyasar, S Barton, S Chandra, P Ambre and E Coutinho
69.	Spectral and Molecular Modeling Studies on the Influence of $\beta$ -Cyclodextrin and Its Derivatives on Albendazole and Its Anti-Proliferative Activity Against Pancreatic Cancer Cells	Journal of Pharmaceutical Sciences and Pharmacology 2017, Mar 1, 3(1): 1-4.	Javed Shaikh, Rohan Pradhan, Prasad R Dandawate, Dharmalingam Subramaniam, Sivapriya Ponnu-rangam, Elvis A. F. Martis, Nisharani Ranpise, Evans C Coutinho, E. M. Khan, Subhash Padhye and Shrikant Anant
70.	Structural features of FAP174, a MYCBP-1 orthologue from Chlamydomonas reinhardtii, revealed by computational and experimental analyses	RSC Advances 2017, 7(81): 51391-402. DOI: 10.1039/C7RA07836F . <b>IF – 3.049</b>	Yogesha M, Rao VG, Martis EA, Coutinho EC, Gohlke H, Chidangil S, Dongre PM, D'Souza JS.

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Sr. No.	Title of the paper	Journal details	Authors
71.	Preferential Formulation of Second Generation Antipsychotic Azenapine as Inclusion Complex with Sulphobutylether- $\beta$ CD (Captisol): In vitro and In vivo Evaluation	Curr Drug Deliv. 2018, 15(4): 520-531 DOI:10.2174/15672018146661711201212 17. <b>IF – 1.446</b>	Avachat AM, Kulkarni JA, Avachat CM, Pradhan R, Suryawanshi TS, Khan EM, Martis EA, Coutinho EC, Padhye S.
72.	Flexibility of important HIV-1 targets and in silico design of anti-HIV 1 drugs	Current Chemical Biology 2018, 12(1): 23-39 DOI:10.2174/22127968116661708071540 35. <b>IF – 0.43</b>	Martis EAF, Joseph B, Gupta SP, Coutinho EC, Hdoufane I, Bjj I, and Cherqaoui D.

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Sr. No.	Title of the paper	Journal details	Authors
73.	4-Hydroxy-2-pyridone derivatives and the $\delta$ -pyroneisostere as novel agents against Mycobacterium smegmatis biofilm inhibitors	Bentham Medicinal Chemistry 2019, 15(1): 28-37 DOI: <a href="https://doi.org/10.2174/1573406414666180525075755">https://doi.org/10.2174/1573406414666180525075755</a> . <b>IF - 3.469</b>	Mahesh R. Borkar, Santosh Nandan, Jisha Padma, Dipankar Chatterji, Evans C. Coutinho
74.	Nanofibers for textile waste water management	Water Practice and Technology 2019, DOI: <a href="https://doi.org/10.2166/wpt.2019.014">https://doi.org/10.2166/wpt.2019.014</a> . <b>IF - 1.247</b>	Joginder Singh Paneysar, Snehal Sawant, Meng Heilp, Sukhwinder kaur Bhullar, Stephen Barton, Premlata Ambre, Evans Coutinho.
75.	Eigen Value ANalySis (EVANS)–A Tool to Address Pharmacodynamic, Pharmacokinetic and Toxicity Issues: Proof of Concept Study on Pharmacodynamic Datasets.	International Journal of Quantitative Structure-Property Relationships (IJQSPR). 2019 Jul 1;4(3):118-36. DOI: 10.4018/IJQSPR.2019070105.	Joseph B, Gomatam AN, Shaikh MA, Khedkar V, Martis EA, Coutinho EC.
76.	Novel p-Functionalized Chromen-4-on-3-yl Chalcones Bearing Astonishing Boronic Acid	Medicinal chemistry (Shariqah (United	Bhatia RK, Singh L, Garg R, Kaur M, Yadav M, Madan J,

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	Moiety as MDM2 Inhibitor: Synthesis, Cytotoxic Evaluation and Simulation Studies.	Arab Emirates)). 2019 May. DOI: 10.2174/1573406415666190531123751. <b>IF – 6.054</b>	Kancherla S, Pissurlenkar RR, Coutinho EC.
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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
77.	Therapeutic interventions using a combination of Telmisartan and omega 3-fatty acids in sodium arsenite induced vascular endothelial dysfunction in rats: modulation through ATPsensitive K <sup>+</sup> channels and eNOS	J Complement Integr Med, 2015, 12(2): 143-151. DOI: <a href="https://doi.org/10.1515/jcim-2015-0009">https://doi.org/10.1515/jcim-2015-0009</a>	Nirwane A, Pawar V, Majumdar
78.	Resveratrol potentiates the effect of dexamethasone in rat model of acute lung inflammation	IntImmunopharma-col 2015, 28(1): 773-779. DOI: <a href="https://doi.org/10.1016/j.intimp.2015.07.038">https://doi.org/10.1016/j.intimp.2015.07.038</a>	Sadarani BN, Majumdar AS
79.	Embeliaribes ameliorates lipopolysaccharide induced acute respiratory distress syndrome	J. Ethnopharmacol., 2015, 168: 356-63. DOI: <a href="https://doi.org/10.1016/j.jep.2015.03.009">https://doi.org/10.1016/j.jep.2015.03.009</a>	Shirole RL, Shirole NL, Saraf MN
80.	In vitro relaxant and spasmolytic effects of essential oil of Pistaciaintegerrima Stewart ex Brandis Galls	J. Ethnopharmacol 2015, 168: 61-5. DOI: <a href="https://doi.org/10.1016/j.jep.2015.02.001">https://doi.org/10.1016/j.jep.2015.02.001</a>	Shirole RL, Shirole NL, Saraf MN
81.	Phytochemicals and their potential usefulness in inflammatory bowel disease	Phytother Res 2015, 29(3): 339-350. DOI: <a href="https://doi.org/10.1002/ptr.5271">https://doi.org/10.1002/ptr.5271</a>	Somani SJ, Modi KP, Majumdar AS, Sadarani BN
82.	A Comprehensive review on Pharmacological Profile of Buteamonosperma (Lam.) Taub	J. App. Pharm. Sci., 2015; 5 (09):159-66. DOI: 10.7324/JAPS.2015.50929	Sutariya BK, Saraf MN.
83.	Anti-nephritic potential of n-butanolic fraction of Buteamonosperma (lam.) flowers on doxorubicin induced nephrotic syndrome in rats	Int J Res Ayurveda Pharm 2015, 6(4): 478-488. DOI: 10.7897/2277-4343.06492	Sutariya Brijesh, Badgujar Lohit, Somani Sahil, Saraf Madhusudan
84.	Curcumin and folic acid abrogated methotrexate induced vascular endothelial dysfunction	Canadian journal of physiology and	H Sankrityayan, AS Majumdar

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		pharmacology 2015, 94 (1): 89-96. DOI: <a href="https://doi.org/10.1139/cjpp-2015-0156">https://doi.org/10.1139/cjpp-2015-0156</a>	
85.	Study of Patient Related outcomes of Type 2 Diabetes and Comparative analysis of pioglitazone sales pre and post ban in Mumbai, India	Value in Health 2015, 18 (3): A52. DOI: <a href="https://doi.org/10.1016/j.jval.2015.03.309">https://doi.org/10.1016/j.jval.2015.03.309</a>	S Yande, P Hegde, K Velankar, T Dhumal, A Majumdar
86.	Behavioral, Biochemical and Molecular modulation in Brain and Spinal cord: A potential antinociceptive-antidepressant mechanism of Xanthophylls	The FASEB Journal 2015, 29 (1_supplement): LB502.	L Badgujar, M Saraf

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Sr. No.	Title of the paper	Journal details	Authors
87.	Benefits of Pterostilbene in combating streptozotocin and fructose diet induced hyperglycaemia in rats	International Journal of Scientific Progress and Research, 2016, 26 (1): 26-31. <b>IF – 5.749</b>	Agrawal V N, Mujumdar D D, Nirwane A M, and Majumdar AS
88.	Neuroprotective effect of flavonoids against paraquat induced oxidative stress and neurotoxicity in Drosophila melanogaster	Current topics in Neutraceutical research 2016, 14 (4): 283-294. <b>IF – 0.228</b>	Jhonsa, D. J, Badgujar, L. B, Sutariya, B. K, Saraf, M. N.
89.	Altered systemic bioavailability and organ distribution of azathioprine in methotrexate induced intestinal mucositis in rats	Indian Journal of Pharmacology 2016 May; 48(3): 241-247 IF: 0.638. PMID: 27298491. <b>IF – 1.040</b>	Sadaf A. Karbelkar, Anuradha S. Majumdar
90.	Anxiety response in rats exposed to 900MHz non-ionizing radiation.	International Journal for Exchange of Knowledge, 2016, 3 (1): 9-19	Anuradha Majumdar, Rini Varghese, Amit Shukla, Mahima Arrawatia and Girish Kumar
91.	Resveratrol and pterostilbene attenuated smokeless tobacco induced cardiovascular aberrations in estrogen deficient female rats	Toxicology Research 2016, 5(6): 1604-1618 DOI: 10.1039/C6TX00225K. <b>IF – 1.593</b>	Abhijit Nirwane and Anuradha Majumdar



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92.	Co-treatment with sulforaphane-zeinmicroparticles enhances the chemopreventive potential of zinc in a 1, 2-dimethylhydrazine induced colon carcinogenesis rat model	RSC Advances. 2016; 6(41): 34233-34244. DOI: 10.1039/C6RA02355J <b>IF – 3.049</b>	Vinay Sridhar, Sharad Narnaware, Prashant Kumar, Sandeep B Kale, Anuradha S Majumdar
93.	Effect of 2.45 GHz radiations on rat using microwave oven integrated with horn antenna	International Journal for Exchange of Knowledge, 2016, 3(1): 1-8. DOI: 10.1080/02772240903233637.	Amit Shukla, Indrajeet Das, Girish Kumar, Rini Varghese and Anuradha Majumdar
94.	Neurobehavioural changes and brain oxidative stress induced by acute exposure to GSM 900 mobile phone radiations in zebrafish (Danio rerio)	Toxicological Research, 2016, 32 (2): 123-132. PMID: 27123163. <b>IF – 1.593</b>	Abhijit Nirwane, Vinay Sridhar and Anuradha Majumdar
95.	TGF- $\beta$ : the connecting link between nephropathy and fibrosis	Immunopharmacology and Immunotoxicology, 2016, 38(1): 39-49. DOI: <a href="https://doi.org/10.3109/08923973.2015.1127382">https://doi.org/10.3109/08923973.2015.1127382</a> . <b>IF - 2.024</b>	Sutariya, B., Jhonsa, D., Saraf, M. N.
96.	Resveratrol and pterostilbene ameliorates the metabolic derangements associated with smokeless tobacco in estrogen deficient female rats	J Funct Foods, 2016, 23: 261-277. DOI: <a href="https://doi.org/10.1016/j.jff.2015.12.030">https://doi.org/10.1016/j.jff.2015.12.030</a> . <b>IF - 3.197</b>	Abhijit Nirwane and Anuradha Majumdar
97.	Curcumin and folic acid abrogated methotrexate induced vascular endothelial dysfunction	Can J Physiol Pharmacol, 2016, 94(1): 89-96. DOI: <a href="https://doi.org/10.1139/cjpp-2015-0156">https://doi.org/10.1139/cjpp-2015-0156</a> . <b>IF - 1.770</b>	Sankrityayan, H. and Majumdar, A. S.

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Sr. No.	Title of the paper	Journal details	Authors
98.	Nanofiber based drug delivery systems for skin: A promising therapeutic approach	Journal of Drug delivery science and Technology 2017, 41: 124-133,	PallaviKamble, Bhakti Sadarni, Anuradha Majumdar and Sukhwinder Bhullar

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		DOI: <a href="https://doi.org/10.1016/j.jddst.2017.07.003">https://doi.org/10.1016/j.jddst.2017.07.003</a> . <b>IF - 2.606</b>	
99.	Understanding mitochondrial biogenesis through energy sensing pathways and its translation in cardio-metabolic health	Archives of Physiology and Biochemistry 2017, Pages 1-13. DOI: 10.1080/13813455.2017.1391847 <b>IF – 1.806</b>	Abhijit Nirwane & Anuradha Majumdar
100.	Pterostilbene ameliorates intracerebroventricular Streptozotocin induced memory decline in rats	Cognitive Neurodynamics September 2017 Feb 11(1): 35-49. DOI: 10.1007/s11571-016-9413-1. <b>IF -3.021</b>	Bhagyashree Naik, Abhijit Nirwane and Anuradha Majumdar
101.	Effects of butein against cisplatin-induced nephrotoxicity and oxidative stress in mice	Journal of Pharmacognosy and Phytochemistry 2017, 6(5): 1371-1375. <b>IF – 2.32</b>	Sutariya B, Saraf M.
102.	Betanin, isolated from fruits of Opuntiaelator Mill attenuates renal fibrosis in diabetic rats through regulating oxidative stress and TGF- $\beta$ pathway	Journal of Ethno-pharmacology 2017, 198: 432-443. DOI: <a href="https://doi.org/10.1016/j.jep.2016.12.048">https://doi.org/10.1016/j.jep.2016.12.048</a> <b>IF - 3.115</b>	Sutariya B, Saraf M.
103.	Modulation of Donor Graft by the Steroidal Lactone Withaferin A Alleviates Post-Transplant Acute GVHD Via Nrf-2 Independent T-Reg Induction	Blood 130 (Suppl 1), 3174-3174.	Vikram Gota, Miten Mehta, Dievya Gohil, Dhruv Jha, Rajiv Kumar, Beamon Agarwal, Deepak Sharma, Santosh Sandur, Navin Khattry and Anuradha Majumdar
104.	AB0079 Transdermal delivery of methotrexate in rheumatoid arthritis: are we deep enough?	Annals of the Rheumatic Diseases 2017, 76 (Suppl 2): 1074-1074. DOI: <a href="http://dx.doi.org/10.1136/annrheumdis-2017-eular.3703">http://dx.doi.org/10.1136/annrheumdis-2017-eular.3703</a> . <b>IF - 14.299</b>	B Sadarani, A Majumdar, P Kamble, S Paradkar, A Mathur, S Sachdev, P Chaudhari, B Mohanty

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105.	$\alpha$ -asarone reduce proteinuria by restoring antioxidant enzymes activities and regulating necrosis factor $\kappa$ B signaling pathway in doxorubicin-induced nephrotic syndrome	Biomedicine & Pharmacotherapy 2018 Feb 28, 98: 318-324. DOI: <a href="https://doi.org/10.1016/j.biopha.2017.12.051">https://doi.org/10.1016/j.biopha.2017.12.051</a> . <b>IF - 3.743</b>	Sutariya B, Saraf M.
106.	Rats exposed to 2.45 GHz of non-ionizing radiation exhibit behavioral changes with increased brain expression of apoptotic caspase 3	Pathophysiology 25 2018; 19-30. DOI: <a href="https://doi.org/10.1016/j.pathophys.2017.11.001">https://doi.org/10.1016/j.pathophys.2017.11.001</a> .	Rini Varghese, Anuradha Majumdar, Girish Kumar, Amit Shukla
107.	Optimization and evaluation of mucoadhesive buccal films loaded with resveratrol	Journal of Drug Delivery Science and Technology 44 2018: 278–288. DOI: <a href="https://doi.org/10.1016/j.jddst.2017.12.007">https://doi.org/10.1016/j.jddst.2017.12.007</a> R. <b>IF - 2.606</b>	Mudassir Ansari, Bhakti Sadarani, Anuradha Majumdar
108.	Therapeutic Promise of DabigatranEtexilate, an Oral Direct Thrombin Inhibitor in a Preclinical Model of Colon Carcinogenesis	Journal of Clinical and Experimental Pharmacology 2018, 8:2 DOI:10.4172/2161-1459.1000247. <b>IF - 2.372</b>	Sangole PN, Majumdar AS

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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
109.	Colon Targeted beads loaded with pterostilbene: Formulation, optimization, characterization and In vivo evaluation	Saudi Pharmaceutical Journal January 2019, 27(1):71-81 DOI:10.1016/j.jsps.2018.07.021. <b>IF - 3.643</b>	Mudassir Ansari, Bhakti Sadarani and Anuradha Majumdar

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110.	Microneedles for transdermal drug delivery: a systematic review	Drug Development and Industrial Pharmacy 2019 Feb, 45(2): 188-201 DOI:10.1080/03639045.2018.1539497 . <b>IF – 2.367</b>	Saili Dharadhar, Anuradha Majumdar, Sagar Dhoble & Vandana Patravale
111.	Enhanced skin permeation of Methotrexate from penetration enhancer containing vesicles: In vitro optimization and in vivo evaluation.	Biomedicine & Pharmacotherapy. 2019 Jun 1;114:108770. DOI: <a href="https://doi.org/10.1016/j.biopha.2019.108770">https://doi.org/10.1016/j.biopha.2019.108770</a> . <b>IF - 3.743</b>	Sadarani B, Majumdar A, Paradkar S, Mathur A, Sachdev S, Mohanty B, Chaudhari P.
112.	Pyrrroloquinolinequinone attenuates obesity associated low grade inflammation	Obesity Medicine, 2019. DOI: <a href="https://doi.org/10.1016/j.obmed.2019.100134">https://doi.org/10.1016/j.obmed.2019.100134</a> .	K Devasani, A Majumdar

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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
113.	Evaluation of polyherbal oral formulation for antidiabetic activity	Int. J. Phyto-pharmacol, 2015 6(4): 184-190	Khatwani PK, Gurale VV, Kulkarni SR
114.	In vitro antimycobacterial activity of acetone extract of Glycyrrhiza glabra	JPPRes, 2015, 3(4): 80-86.	Swapna Nair, Rajesh Pharande, Anil kumar Bannalihar, AlkaMukne

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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
115.	Validated HPTLC Method for Simultaneous Quantification of Isoniazid, Rifampicin and Glabridin	Journal of Pharmaceutical and Biomedical Sciences. 2016; 6(7): 453-459. DOI: <a href="http://dx.doi.org/10.20936/jpbms/160270">http://dx.doi.org/10.20936/jpbms/160270</a> <b>IF - 2.983</b>	Jadhav S, Viswanathan V, Mukne AP
116.	Photodynamic antimitotic activity of anthraquinones from Rheum emodi and Aloe barbadensis	International Journal of Pharmaceutical Research and Medicinal Plants 2016 Jul 18; 1(1). <b>IF - 0.33</b>	Thali NN, Kulkarni SR
117.	Development and Validation of HPLC and HPTLC methods for estimation of Glabridin in extracts of Glycyrrhiza glabra	J AOAC Int 2016 Mar-Apr, 99(2):374-379. <b>IF - 0.096</b>	Vivek Viswanathan, Alka Mukne

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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
118.	Assessment of chemical stability of constituents in thiosulfinate-derivative rich extract of garlic by a validated HPTLC method	Indian J Pharm Sci. 2017; 79(3): 438-450 doi:10.4172/pharmaceutical-sciences.1000247. <b>IF - 0.73</b>	Swapna Nair, Alka Mukne

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119.	Allium sativum constituents exhibit anti-tubercular activity in vitro and in RAW 264.7 mouse macrophage cells infected with Mycobacterium tuberculosis H37Rv	Pharmacognosy Magazine 2017;13(50): 209-215. PMID: 28808382. <b>IF – 1.26</b>	Nair SS, Gaikwad SS, Kulkarni SP, Mukne AP
120.	Acute toxicity studies of nano-formulations of Glycyrrhizaglabra extract in swiss albino mice	World J Pharm PharmSci, 2017, 6(6) : 820 – 829. <b>IF – 7.632</b>	V. Viswanathan, R. R. Pharande, A. S. Bannalika, A. P. Mukne

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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
121.	Mannosylated gelatin nanoparticles of Licorice for use in Tuberculosis: Formulation, in vitro evaluation, in vitro cell uptake, in vivo pharmacokinetics and in vivo anti-tubercular efficacy	Journal of Drug Delivery Science and Technology June 2018, 45: 255-263. DOI: <a href="https://doi.org/10.1016/j.jddst.2018.01.017">https://doi.org/10.1016/j.jddst.2018.01.017</a> . <b>IF - 2.606</b>	Viswanathan V., Mehta H., Pharande R., Bannalika A., Gupta P., Gupta U., Mukne A.

**Year: 2019**

<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
122.	Inhalable liposomes of Glycyrrhiza glabra extract for use in tuberculosis: formulation, in vitro characterization, in vivo lung deposition, and in vivo pharmacodynamic studies	Drug DevInd Pharm. 2019 Jan, 45(1): 11-20 DOI:10.1080/03639045.2018 . <b>IF – 1.883</b>	Viswanathan V., Pharande R., Bannalika A., Gupta P., Gupta U., & Mukne A

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<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
123.	A Rapid Stability Indicating RP-HPLC Method and the Degradation Kinetics Data for the Simultaneous Estimation of Tenofovir Disoproxil Fumarate and Emtricitabine	Int. J. Pharm. & Pharm. Res. 2015, 3(3): 145-159. <b>IF – 0.83</b>	Agashe, M., Chaudhari, R. and Shirsat, V.
124.	Separation, Identification and Characterization of Degradation Products of Erlotinib Hydrochloride under ICH Recommended Stress Conditions by LC, LC-MS/TOF	J Liq. Chromatogr. Related Technol 2015 38(5): 629-639. DOI: <a href="https://doi.org/10.1080/10826076.2014.936610">https://doi.org/10.1080/10826076.2014.936610</a>	Anand A. Mahajan, Pankaj B. Miniyar, Amol S. Patil, Rohan U. Waghmare, Jayawant J. Patil, Krishnapriya Mohanraj, Ravi N. Tiwari
125.	Chiral separation of citalopram by reversed phase HPLC using sulfated beta cyclodextrin as chiral mobile phase additive	Int. J. Pharm. & Pharm. Sci. 2015, 7(6): 306-310. <b>IF – 0.83</b>	Krishna Deshpande, Mayuri Pillai, Vishvas Joshi, Krishnapriya Mohanraj
126.	Study of enantiomeric separation of cetirizine by reverse phase HPLC using sulfated beta cyclodextrin as chiral mobile phase additive	PHARMANEST-an international journal of advances in pharmaceutical Sciences, 2015,6(4): 2892-2895	Krishna Deshpande, Mayuri Pillai, Vishvas Joshi, Krishnapriya Mohanraj
127.	Impurity profile of tapentadol hydrochloride after stress degradation, using isocratic LC-UV and LC-MS/MS studies	Pharmanest- An International Journal of Advances in Pharmaceutical Sciences, 2015, 6(4): 2924-2928	Mayuri Pillai, Krishna Deshpande, Krishnapriya Mohanraj
128.	Impurity profile of dapoxetine hydrochloride after stress degradation, using isocratic LC-UV and LCMS/MS studies	Pharmanest - An International Journal of Advances in Pharmaceutical Sciences 2015, 6	Mayuri Pillai, Krishna Deshpande, Krishnapriya Mohanraj
129.	Impurity profile of sodium picosulfate after stress degradation, using isocratic LC UV and LC-MS/MS studies	Pharmanest - An International Journal of Advances in Pharmaceutical Sciences 2015, 6(5): 2	Mayuri Pillai, Krishna Deshpande, Krishnapriya Mohanraj
130.	Isocratic LC-UV, LC-MS and MS/MS studies on fenoxazoline and its degradation products	Indian Journal of Pharmaceutical	Mayuri Pillai, Krishna Deshpande, Krishnapriya Mohanraj

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		Sciences, 2015, 7(5): 50-57	
131.	Design, synthesis and evaluation of benzotriazole derivatives as novel antifungal agents.	Bioorg. Med. Chem. Lett, 2015, 25(17): 3730-3737. DOI: <a href="https://doi.org/10.1016/j.bmcl.2015.06.025">https://doi.org/10.1016/j.bmcl.2015.06.025</a>	Jay Shah, Vijay Khedkar, Evans Coutinho, Krishnapriya Mohanraj

**Year: 2016**

<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
132.	Development of collateral vessels: A new paradigm in CAM angiogenesis model	Microvasc Res 2016, 103: 11-13. DOI: <a href="https://doi.org/10.1016/j.mvr.2015.09.002">https://doi.org/10.1016/j.mvr.2015.09.002</a> <b>IF - 2.604</b>	Dipti P. Gatne, Snehal Mungekar, Veeranjanyulu Addepalli, Krishnapriya Mohanraj, Sanjeevani A. Ghone, Nirmala N. Rege

**Year: 2017**

<b>Sr. No.</b>	<b>Title of the paper</b>	<b>Journal details</b>	<b>Authors</b>
133.	Treatment of Gastric Ulcers with Fenugreek Seed Extract; In Vitro, In Vivo and In Silico Approaches	Indian Journal of Pharmaceutical Sciences 2017, 79 (5): 724-730. DOI: 10.4172/pharmaceutical-sciences.1000285. <b>IF – 0.83</b>	Figer, B.; Pissurlenkar, R.; Ambre, P.; Kalekar, S.; Munshi, R.; Gatne, M.; Shirsat, V.