

## RESEARCH: PUBLICATIONS

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### 2014-15

1. Agrawal V, Bhagwat AM, Sawant CS. Sesame oil incorporated medium for isolation and enumeration of lipophilic yeasts. *International Journal of Pharmaceutical Sciences and Research*. 2014. 5(7): 2971-2979. (IF: 0)
2. Bhanushali AA, Patra PK, Pradhan S, Khanka SS, Singh S, Das BR. Genetics of fetal hemoglobin in tribal Indian patients with sickle cell anemia. *Translational Research* 2015. 165(6):696-703. (IF: 4.652)
3. Biswas S, Pandita N. Evaluation of phytochemical constituents and chromatographic screening of alcoholic extract of *Bombax ceiba* Linn. *Pharmanest Journal*. 2015. 6: 2797-2806. (IF: 0)
4. Chakrabarti S, Multani S, Dabholkar J, Saranath D. Whole genome expression profiling in chewing-tobacco associated oral cancers: A Pilot study. *Medical Oncology*. 2015. 32(3):483-493. (IF: 2.634)
5. Chandra S, Noronha G, Dietrich S, Lang H, Bahadur D. Dendrimer-magnetic nanoparticles as multiple stimuli responsive and enzymatic drug delivery vehicle. *Journal of Magnetism and Magnetic Materials*. 2015. 380: 7-12. (IF: 2.63)
6. Chandra S, Patel MD, Lang H, Bahadur D. Dendrimer-functionalized magnetic nanoparticles: A new electrode material for electrochemical energy storage devices. *Journal of Power Sources*. 2015. 280: 217-226. (IF: 6.395)
7. Cuthbert RJ, Taggart MA, Prakash V, Chakraborty SS, Deori P, Galligan T, Kulkarni M, Ranade S, Saini M, Sharma AK, Shringarpure R, Green RE. Avian scavengers and the threat from veterinary pharmaceuticals. *Philosophical Transactions of the Royal Society B*. 2014 369, 20130574. (IF: 5.846)
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9. Gala V, Desai K. Plant based quorum sensing inhibitors of *Pseudomonas aeruginosa*. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2014. 6(8): 20-25. (IF: 0)
10. Kulkarni MD, Shringarpure R, Bhatt P, Prakash N, Prakash V. A simple and inexpensive protocol for DNA isolation from avian blood. *Journal of Bombay Natural History Society*. 2015. 112(1): 3-7. (IF: 0)
11. Mishra R, Pandit K, Bhagwat AM, Brijesh S. Antihyperlipidemic activity of alcoholic extracts of *Trichosanthes anguina* in Triton WR 1339 induced hyperlipidemic rats. *International Journal of*

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12. Nigam S, Chandra S, Bahadur D. Dendrimers based electrochemical biosensors. Biomedical Research Journal. 2015. 2(1): 21-36. (IF: 0)
  13. Pandit K, Mishra R, Brijesh S, Bhagwat A, Bhatt P. Lipid lowering activity of Feronia limonia leaf in Triton WR-1339 induced hyperlipidemic rats. International Journal of Pharmacy and Pharmaceutical Science. 2014. 6(8): 156-158. (IF: 0)
  14. Parikh H, Khanna A. Pharmacognosy and phytochemical analysis of Brassica juncea seeds. Pharmacognosy Journal. 2014. 6(5): 47-55. (IF: 0)
  15. Parikh H, Pandita N, Khanna A. Phytoextract of Indian mustard seeds acts by suppressing the generation of ROS against acetaminophen-induced hepatotoxicity in HepG2 cells. Pharmaceutical Biology. 2015. 53(7): 975-984. (IF: 1.916)
  16. Raut A, Khanna A. Molecular basis of reprogramming: Modulation of microRNAs. Biomedical Research Journal. 2014. 1(2): 108-125. (IF: 0)
  17. Sanganeria P, Chandra S, Bahadur D, Khanna A. Effect of HSA coated iron oxide labeling on human umbilical cord derived mesenchymal stem cells. Nanotechnology (IOP sciences). 2015. 26(12): 125103. (IF: 3.44)
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  20. Savai J, Pandita N, Chintamaneni M. Simultaneous determination and validation of two different withanolides in Withania somnifera using various chromatographic techniques. Indo American Journal of Pharmaceutical Research. 2014. 4(11): 5449-5458. (IF: 0)
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  23. Shalia K, Saranath D, Shah VK. Peripheral blood mononuclear cell ABCA1 transcripts and protein expression in acute myocardial infarction. Journal of Clinical Laboratory Analysis. 2015. 29(3): 242-249. (IF: 1.521)
  24. Shringarpure RN, Kulkarni MD, Sawant C, Bhagwat A, Prakash V. Does captivity affect the aerobic culturable gastrointestinal and respiratory microflora of the indian Gyps vultures?

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#### **2013-14**

1. Agrawal V, Bhagwat AM, Vishalakshi V, Gode V, Sawant CS. Exploring the potential of chromogenic medium for the identification of medically important yeast species other than *Candida*. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2014. 6(3): 291-294. (IF: 0)
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3. Apraj V, Pandita N. Pharmacognostic and phytochemical evaluation of *Citrus reticulata* blanco peel. *International Journal of Pharmacognosy and Phytochemical Research*. 2014. 6(2): 328- 331. (IF: 0)
4. Bellare N, Argekar H, Bhagwat A, Situt V, Pandita N. Effect of a combination of glucosamine and chondroitin sulphate supplementation on the symptomatic relief observed in Indian patients with knee osteoarthritis. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2013 5 (S4): 647-650. (IF: 0)
5. Bellare N, Argekar H, Bhagwat A, Situt V, Pandita N. Glucosamine and chondroitin sulphate supplementation along with diet therapy provides better symptomatic relief in osteoarthritic patients as compared to diet therapy alone. *International Journal of Pharmaceutical Sciences Review and Research*. 2014. 24(1): 215-223. (IF: 0)
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- antifertility effect in female albino rats. *World Journal of Pharmacy and Pharmaceutical Sciences*. 2014. 3(3): 1039-1054. (IF: 0)
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  9. Galligan TH, Amano T, Prakash VM, Kulkarni M, Shringarpure R, Prakash N, Ranade S, Green RE, Cuthbert RJ. Have population declines in Egyptian vulture and redheaded vulture in India slowed since the 2006 ban on veterinary Diclofenac? *Bird Conservation International*. 2014. DOI: 10.1017/S0959270913000580. (IF: 1.088)
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  11. Kulkarni M, Shringarpure R, Mohan C, Saini M, Palai TK, Gupta P, Bhatt P, Prakash N, Bhagwat A, Prakash V. Molecular sexing of the critically endangered slender-billed vulture *Gyps tenuirostris* and its conservation implications. *Journal of the Bombay Natural History Society*. 2014. 111(2): 73-80. (IF: 0)
  12. Malhotra S, Jha N, Desai K. A superficial synthesis of selenium nanoparticles using wet chemical approach. *International Journal of Nanotechnology and Applications*. 2014. 3(2): 7-14. (IF: 0)
  13. Mehta R, Bhagwat A, Sawant C. Antimicrobial potential of methanolic extracts of leaves of *Epipremnum aureum* (Linden & Andre) G. S. Bunting. *International Journal of Pharmacy and Pharmaceutical Science*. 2013. 5 (3): 918-922. (IF: 0)
  14. Mehta R, Jholapara R, Sawant C. Isolation of a novel feather degrading bacterium and optimization of cultural conditions. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2014. 6(1): 194-201. (IF: 0)
  15. Namboodiry V, Verma P, Mishra S, Bhagwat A, Bhoir S. Estimation of paracetamol and lornoxicam by isocratic, gradient and elevated temperature HPLC using propylene carbonate. *Journal of Liquid Chromatography and Related Technologies*. 2014. 37(8). doi: 10.1080/10826076.2013.765464. (IF: 0)
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  17. Sanganerla P, Sachar S, Chandra S, Bahadur D, Ray P, Khanna A. Cellular internalization and detailed toxicity analysis of protein-immobilized iron oxide nanoparticles. *Journal of*

- Biomedical Materials Research. Part B: Applied Biomaterials. 2014. 103(1): 125–134. (IF: 3.189)
18. Saranath D, Khanna A. Current status of cancer burden: Global and Indian Scenario. Biomedical Research Journal. 2014. 1(1): 1-5. (IF: 0)
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  20. Varghese A, Savai J, Gaud R, Pandita N. Species related differences in in vitro metabolism of phenacetin, a probe substrate for CYP1a enzyme, and enzyme kinetic parameters of henacetin. International Journal of Pharma Medicine and Biological Sciences. 2014. 3(2): 21-30. (IF: 0)
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1. Chatterjee A, Saranath D, Bhatte P, Mistry N. Global transcriptional profiling of longitudinal clinical isolates of Mycobacterium tuberculosis exhibiting rapid accumulation of drug resistance. PLoS One. 2013. 8(1): e54717. (IF: 2.806)
2. Deval A, Dikshit AK. Construction, working and standardization of microbial fuel cell. APCBEE Procedia. 2013. 5: 59-63. (IF: 0)
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13. John, NR, Gala, VC, Sawant CS. Inhibitory effects of plant extracts on multi- species dental biofilm formation in vitro. *International Journal of Pharma and BioSciences*. 2013 4(2): 487-495. (IF: 0)
14. Lakhe D, Mangaonkar KV. Synthesis, characterization and antimicrobial activity of mixed ligand complexes of Ni(II), Cu(II) and Fe(III) ions with [phenol-2-[(3- methylphenyl)imino]methyl-4-nitro-] and [phenol-2-[(3-chlorophenyl)imino]methyl-4-nitro]. *International Journal of ChemTech Research*. 2013. 5(1): 293-298. (IF: 0)
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18. Mhamunkar SM, Vyavaharkar RY, Bhoir SI. RP- HPLC method development and validation for the

simultaneous estimation of Tamsulosin HCl and Tolterodine tartrate in pharmaceutical dosage form. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2012. 4(Suppl 5): 319-322. (IF: 0)

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## 2011-12

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### **2010-2011**

1. Bhoir SI, Gaikwad PV, Parab LS, Shringarpure RN, Savant SS, Verma PJ. RP-HPLC method development and validation for the simultaneous estimation of Satranidazole and Ofloxacin in pharmaceutical dosage form. Journal of Chromatographic Science. 2011. 49(1): 84-87. (1.628)
2. Joshi P, Bhoir S, Bhagwat A. Trends in universal detection in high performance liquid chromatography. Separation Science. 2010. 2(12): 12-14. (IF: 0)
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