

ACADEMIC YEAR 2023-2024

PUBLICATIONS INDEXED IN SCOPUS AND WEB OF SCIENCE

1. Yadav PS, Hajare AA, Patil KS. Development of Doxazosin mesylate liquisolid system for improved manufacturing processability and bioavailability: in vitro and in vivo evaluation for tailored hypertension treatment approach with modified dissolution rates. *Journal of Dispersion Science and Technology*. 2023; 18:1-4.
2. Patil P, Nrip NK, Hajare A, Hajare D, Patil MK, Kanthe R, Gaikwad AT. Artificial Intelligence and Tools in Pharmaceuticals: An Overview. *Research Journal of Pharmacy and Technology*. 2023;16(4):2075-82.
3. Gaikwad DS, Chougale RD, Patil KS, Disouza JI, Hajare AA. Design, development, and evaluation of docetaxel-loaded niosomes for the treatment of breast cancer. *Future Journal of Pharmaceutical Sciences*. 2023; 9(1):1-3.
4. Raut S, Hajare A, Chougale R, Kamble S, Patil K. Formulation, Development, and Evaluation of Bosentan Monohydrate Spray Dried-Solid Dispersion Tablets for Improved Dissolution Profile. *Jordan Journal of Pharmaceutical Sciences*. 2023; 16(4):714-33.
5. Patil P, Udasi S, Nrip NK, Kanthe R, Hajare A, Gaikwad AT. Study of robotic surgeries in India: Economical aspects and applications in cancer treatment. *Research Journal of Pharmacy and Technology*. 2023; 16(1):429-34.
6. Patil KS, Hajare AA, Manjappa AS, Dol HS. Vacuum foam drying of docetaxel mixed micelles for improved stability and ovarian cancer treatment. *Journal of Drug Delivery Science and Technology*. 2023; 86:104747.
7. Patil K, Patil J, Bharade S, Disouza J, Hajare A. Design and development of sodium alginate/carboxymethyl cellulose in situ gelling system for gastroretentive delivery of lisinopril. *Journal of Research in Pharmacy*. 2023; 27(2).
8. Hajare AA, Ghatge GA, Patil KS. Development and validation of RP-HPLC method for quantification of sertraline in nanofiber formulation. *Research Journal of Pharmacy and Technology*. 2023; 16(8):3743-8.
9. Gawas G, Ayyanar M, Gurav N, Hase D, Murade V, Nadaf S, Khan MS, Chikhale R, Kalaskar M, Gurav S. Process Optimization for the Bioinspired Synthesis of Gold Nanoparticles Using *Cordyceps militaris*, Its Characterization, and Assessment of Enhanced Therapeutic Efficacy. *Pharmaceuticals*. 2023; 16(9):1311.
10. Randive DS, Shejawal KP, Bhinge SD, Bhutkar MA, Jadhav NR, Patil SB, Nadaf SJ. Efficient in vitro oxaliplatin delivery with functionalized single-walled carbon nanotube for enhanced colon cancer treatment. *Future Journal of Pharmaceutical Sciences*. 2023; 9(1):91.

11. Avate S, Gaonkar KL, Vatsa M, Lipi K, Patil S. Functional Outcome of Inter-Trochanteric and Sub-Trochanteric Fracture Femur Treated with Proximal Femur Nail Antirotation-II. Research Journal of Pharmacy and Technology. 2023; 16(12):5884-8.

BOOK/S PUBLISHED

1. Ardad R, Dhawale S, Patil G, Jangade N. Essential of Pharmaceutical Organic Chemistry-I. First Edition. Pharma Career; 2023.
1. Hajare Ashok. Research Methodology & Biostatistics. First Edition. Nirali Prakashan Pune; 2023.
2. Hajare Ashok. Modern Pharmaceutics. First Edition. Nirali Prakashan Pune; 2023.
3. Hajare Ashok. Physical Pharmaceutics-II. Sixth Edition. Nirali Prakashan Pune; 2023.

PATENT/S PUBLISHED

1. Sankpal P.S., Patil M.J., Chandavarkar S.K., Shingade S.G. et. al. Ear Dosage Form Applicator. Indian patent 389940-001.,2023.
2. Salve P., Sankpal P.S., Patil H., Pattanshetty A.S. et. al. Portable Mass Spectrophotometer for Analysis of Chemical Compounds. Indian patent 392864-001., 2023.