

LIST OF PUBLICATIONS OF THE YEAR 2019

| Sr. No. | Name of the author/s | Title of the article / research paper | Name of the Journal | Publishing authority | Impact Factor | Citation Index | Scopus Index Yes/No |
|---------|---|--|--|-----------------------------|---------------|----------------|---------------------|
| 1. | TS Patil, A Deshpande, PK Shende, S Deshpande, R Gaud | Evaluation of Nanocarrier-Based Dry Powder Formulations for Inhalation with Special Reference to Anti-Tuberculosis Drugs | Critical Reviews in Therapeutic Drug Carrier Systems | Taylor & Francis Group, LLC | 4.325 | Yes | Yes |
| 2 | M Shelke, SS Deshpande, S Sharma | Quinquennial Review of Progress in Degradation Studies and Impurity Profiling: An Instrumental Perspective Statistics | Critical Reviews in Analytical Chemistry | Taylor & Francis Group, LLC | 4.325 | Yes | Yes |
| 3. | R Agrawal, S Belemkar, C Bonde | A Stepwise Strategy Employing Automated Screening for Reversed-Phase Chromatographic Separation of Itraconazole and Its Impurities | Chromatographia | Springer | 1.552 | Yes | Yes |
| 4. | CGB Ritesh P. Bhole, Yogesh B. Zambare | Synthesis and Evaluation of Novel N-Cycloheptyl-Substituted -2,3-Dihydro-1,3-Benzothiazole-2-Carboxamide Targeting the Estrogen Binding Receptor | Jordan Journal of Pharmaceutical Sciences | DAR Publisher | | Yes | Yes |

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| 5. | YBZ Ritesh P. Bhole, Tanuja Zombade, Chandrakant G. Bonde | Identification and Characterization of Degradation Products by Using MS-MS Studies for Developed and Validated Stability Indicating HPTLC Method for Estimation of Nintedanib | Eurasian Journal of Analytical Chemistry | | | | |
| 6. | J Gawad, C Bonde | Design, synthesis and biological evaluation of some 2-(6-nitrobenzo [d] thiazol-2-ylthio)-N-benzyl-N-(6-nitrobenzo [d] thiazol-2-yl) acetamide derivatives as selective DprE1 | Synthetic Communications | Taylor & Francis Group, LLC | 1.439 | Yes | Yes |
| 7. | S Bonde, CG Bonde, B Prabhakar | Quality by design based development and validation of HPLC method for simultaneous estimation of paclitaxel and vinorelbine tartrate in dual drug loaded liposomes | Microchemical Journal | Elsevier Publication | 3.206 | Yes | Yes |

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|-----|---|--|---|-----------------------------|--------------|------------|------------|
| 8. | RP Bhole, SR Naksakhare, CG Bonde | A Stability Indicating HPTLC Method for Apremilast and Identification of degradation products using MS/MS | Journal of Pharmaceutical Sciences and Research | Pharmainfo | | | |
| 9 | Kalpesh R. Patil, Umesh B. Mahajan, Banappa S. Unger, Sameer N. Goyal, Sateesh B. | Animal Models of Inflammation for Screening of Anti-inflammatory Drugs: Implications for the Discovery and Development of Phytopharmaceuticals | International Journal of Molecular Sciences | MDPI | 4.183 | Yes | Yes |
| 10. | Shraddha I. Khairnar, Umesh B. Mahajan, Kalpesh R. Patil, Harun M , Sateesh B. | Disulfiram and Its Copper Chelate Attenuate Cisplatin-Induced Acute Nephrotoxicity in Rats Via Reduction of Oxidative Stress and Inflammation | Biological Trace Element Research | Springer | 2.431 | Yes | Yes |
| 11. | S. Belemkar P. Shendge | Acute and 28-day oral toxicity studies of methanolic extract of Lagenaria siceraria (Cucurbitaceae) fruit in rats | Drug & Chemical Toxicology | Taylor & Francis Group, LLC | 1.946 | Yes | Yes |

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| 12. | CRP Sachin S. Patil, Umesh B. Mahajan, Sameer N. Goyal, Sateesh Belemkar | Homoeopathic drug dilutions of Thuja occidentalis attenuate complete Freund's adjuvant-induced arthritis in Wistar rats | Indian J Res Homoeopathy | Wolters-Medknow Publications | | Yes | Yes |
| 13. | Juilee Gaikwad, Sanjay Sharma* & Ketan V. Hatware | Review on Characteristics and Analytical Methods of Tazarotene: An Update | Critical Reviews in Analytical Chemistry | Taylor & Francis Group, LLC | 4.325 | Yes | Yes |
| 14. | Sanjay Sharma* , Komal S. Aware, Ketan Hatware, Kiran Patil . | Chemistry, Analysis, Pharmacokinetics and Pharmacodynamics aspects of Lorcaserin, a selective serotonin 5-HT _{2C} receptor agonist: An update | Mini-Reviews in Medicinal Chemistry | Bentham Sciences | 2.645 | Yes | Yes |
| 15 | Sanjay Sharma, Dinesh Kumar Mishra, Ketan Hatware, Prashant Bhadane, Sainath Sindhikar | Recent advances in microneedle composites for biomedical applications: Advanced drug delivery technologies | Materials Science and Engineering: C “, | Elsevier Publication | 5.08 | Yes | Yes |

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|----|--|--|--|-----------------------------|-------|-----|-----------------------------------|
| 16 | Dr. Rupesh Kumar Gautam, Dr. Sanjay Sharma , Dr. Ketan Hatware, Mr. Kiran Patil, Dr. Gaurav Gupta, Dr. Komal Sharma, , Dinesh Kumar Chellappan, and Dr. Kamal Dua | Rosmarinic acid attenuates inflammation in experimentally induced arthritis in Wistar rats, using Freund's complete adjuvant | International journal of Rheumatic disease, | <u>Wiley online library</u> | 2.423 | Yes | Yes |
| 17 | Sanjay Sharma Sravani Karri Ginpreet Kaur | Pharmacological and analytical aspects of artemisinin for malaria: Advances and challenges | Asian Pacific Journal of Tropical Medicine, | Medknow Publications | 1.772 | Yes | Yes |
| 18 | Kiran D. Patil, Shashikant B. Bagade, Sanjay Sharma , Ketan V. Hatware | Potential of herbal constituents as new natural leads against helminthiasis: A neglected tropical disease | Asian Pacific Journal of Tropical Medicine, | Medknow Publications | 1.772 | Yes | Yes |
| 19 | Eswar Ravipati, Nikhil Mahajan Dr. Sanjay Sharma , Dr. Ketan V. Hatware, Mr. Kiran Patil | The toxicological effects of lead and its analytical trends: an update from 2000 to 2018” | Critical Reviews in Analytical Chemistry | Taylor & Francis Group, LLC | 4.325 | Yes | Yes clarivate analytic s |

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| 20. | S Karri, S Sharma, K Hatware, K Patil | Natural anti-obesity agents and their therapeutic role in management of obesity: A future trend perspective | Biomedicine & Pharmacotherapy | Elsevier Publication | 3.743 | Yes | Yes |
| 21 | A Patle, KV Hatware, K Patil, S Sharma, G Gupta | Role of Herbal Medicine in the Management of Urolithiasis—A Review for Future Perspectives | Journal of Environmental Pathology, Toxicology and Oncology | Begell house publications | 1.4 | Yes | Yes |
| 22 | SB Bagade, M Patil | Recent Advances in Microwave Assisted Extraction of Bioactive Compounds from Complex Herbal Samples: A Review | Critical reviews in analytical chemistry | Taylor & Francis Group, LLC | 4.325 | Yes | Yes |
| 23 | S Bonde, K Tambe | Lectin coupled liposomes for pulmonary delivery of salbutamol sulphate for better management of asthma: Formulation development using QbD approach | Journal of Drug Delivery Science and Technology | Elsevier Publication | 2.606 | Yes | Yes |

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|------------|--|---|---|----------------------|--------------|-------|-------|
| 24 | KK Bansal, PK Upadhyay, GK Saraogi, A Rosling, JM Rosenholm | Advances in thermo-responsive polymers exhibiting upper critical solution temperature (UCST) | eXPRESS Polymer Letters | BME-PT | 2.875 | Yes | Yes |
| 25 | S Rani, R Rana, GK Saraogi, V Kumar, U Gupta | Self-Emulsifying Oral Lipid Drug Delivery Systems: Advances and Challenges 20 (3), 129 | AAPS PharmSciTech | Springer | 2.608 | Yes | Yes |
| 26. | A Chandekar, DK Mishra, S Sharma, GK Saraogi, U Gupta, G Gupta | 3D Printing Technology: A New Milestone in the Development of Pharmaceuticals | Current Pharmaceutical Design | Bentham Sciences | 2.412 | Yes | Yes |
| 27 | V Saluja, A Mankoo, GK Saraogi, MM Tambuwala, V Mishra | Smart dendrimers: Synergizing the targeting of anticancer bioactives | Journal of Drug Delivery Science and Technology | Elsevier Publication | 2.606 | Yes | Yes |
| 28 | SV Tholiya, PA Kulkarni | Maggot Therapy: Boon for Wound Healing | Research Journal of Pharmacy and Technology | | | | |

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|-----------|--|--|--|-----------------------------|--------------|-----|-----|
| 29 | Neha Bunkar, Ruchita Shandilya, Arpit Bhargava, Ravindra M. Samarth ., Dinesh Mishra | Nano-engineered flavonoids for cancer protection | Frontiers in Bioscience | | 2.349 | Yes | Yes |
| 30 | V Panda, N Bhandare, K Mistry, P Dande | Cardioprotective potential of Spinacia oleracea (Spinach) against isoproterenol-induced myocardial infarction in rats | Archives of physiology and biochemistry | Taylor & Francis Group, LLC | 2.110 | Yes | Yes |
| 31 | M Sharma, R Sharma, DK Jain, A Saraf | Enhancement of oral bioavailability of poorly water soluble carvedilol by chitosan nanoparticles: Optimization and pharmacokinetic study | International journal of biological macromolecules | Elsevier Publication | 4.784 | Yes | Yes |
| 32 | V Asati, P Ghode, S Bajaj, SK Jain, SK Bharti | 3D-QSAR and Molecular Docking Studies on Oxadiazole Substituted Benzimidazole Derivatives: Validation of Experimental Inhibitory Potencies Towards COX-2 | Current computer-aided drug design | Bentham Sciences | 1.2 | Yes | Yes |

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|----|--------------------|---|---|----------------------|-------|-----|-----|
| 33 | VA Dixit, YY Singh | How much aromatic are naphthalene and graphene? , 112504 | Computational and Theoretical Chemistry | Elsevier Publication | 1.344 | Yes | Yes |
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