



Published Research Articles: Total: 70

International Research Articles: 47 National: 23

Cumulative Impact Factor: 105.36 Average Impact Factor: 1.505



| Sl. No. | Authors from BSRC | Title of the Published Research Article | Journal | Publication Details | IF |
|---------|--|---|---|------------------------|-------|
| 70 | <ul style="list-style-type: none"> • Jagwani S, • Dhamecha D. • Jalalpure S | Phytosynthesis of gold nanoparticles: Characterization, biocompatibility, and evaluation of its osteoinductive potential for application in implant dentistry | Materials Science and Engineering: C | 2018; 93: 664-670. | 5.08 |
| 69 | <ul style="list-style-type: none"> • Hegde S • Jalalpure S S | Genetic and phytochemical investigations for understanding population variability of the medicinally important tree <i>Saraca asoca</i> to help develop conservation strategies | Phytochemistry | 2018; 156; 43-54 | 3.186 |
| 68 | <ul style="list-style-type: none"> • Sanjay Mishra • Damita Cota | Cardioprotective effect of oregano oil against doxorubicin-induced myocardial infarction in rats | Pharmacognosy | 2018; 14 (57), 363-368 | 1.525 |
| 67 | <ul style="list-style-type: none"> • Sanjay Mishra • Shruti Jaiswal | Neuroprotective effect of epalrestat mediated through oxidative stress markers, cytokines and TAU protein levels in diabetic rats | Life Sciences | 2018; 207; 364-371 | 3.234 |
| 66 | <ul style="list-style-type: none"> • Jalalpure SS | Antioxidant and Antiurolithiatic Efficacy of <i>Aerva lanata</i> (L) Fractions by <i>in vitro</i> and <i>in vivo</i> Screening Techniques | Indian Journal of Pharmaceutical Education and Research | 2018; 52(3), 426-436. | 0.25 |
| 65 | <ul style="list-style-type: none"> • Satisha Hegde | Molecular identification of <i>Saraca asoca</i> from its substituents and adulterants | 3 Biotech | 2018, 8, 161 | 1.361 |

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| 63 | <ul style="list-style-type: none"> Sushant Shengule, Sanjay Mishra | Herb drug interaction of Nisha Amalaki with curcuminoids with metaformin in normal and diabetic conditions – A disease system approach | Biomedicine & Pharmacotherapy | 2018;101, 591-598. | 2.76 |
| 64 | <ul style="list-style-type: none"> Dhamecha D Jagwani S Jalalpure SS | Phytosynthesis of silver nanoparticles: characterization, biocompatibility studies and anticancer activity | ACS Biomaterials Science & Engineering | 2018, 4(3), 892-899. | 3.234 |
| 62 | <ul style="list-style-type: none"> Sushant Shengule, Sanjay Mishra | Inhibitory effect of a standardized hydroethanolic extract of <i>Terminalia arjuna</i> bark on alpha-amylase enzyme | Asian Journal of Pharmaceutical and Clinical Research | 2018;11(4): 366-369. | 0.40 |
| 61 | <ul style="list-style-type: none"> Dodamani S, Jalalpure S. | 5-(1-Aryl-3-(thiophen-2-yl)-1H-pyrazol-4-yl)-1H-tetrazoles: Synthesis, Structural characterization, Hirshfeld analysis, anti-inflammatory and antibacterial studies | Journal of Molecular Structure | 2018, 1160, 63-72 | 1.753 |
| 60 | <ul style="list-style-type: none"> Shruti Jaiswal, Sanjay Mishra | Neuroprotective effect of Epalrestat on memory impairment in Streptozotocin-Induced Type-2 Diabetic Rats using different behavioral models | Asian Journal of Pharmaceutical and Clinical Research | 2018, 11(1), 411-415 | 0.40 |
| 59 | <ul style="list-style-type: none"> Bhaskar Kurangi Sunil Jalalpure | Review of selected herbal phytoconstituents for potential melanoma treatment | Indian Journal of Health Sciences and Biomedical Research | 2018, 11 (1), 3-11 | - |
| 58 | <ul style="list-style-type: none"> Chouhan Mahendra Kumar | Evaluation of Clerodendrum inerme (L.) Gaertn. on Burkitt's Lymphoma Cancer | Indian Journal of Pharmaceutical Education and Research | 2018; 52(2):241-247 | 0.25 |

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| 57 | <ul style="list-style-type: none"> Malleswara Rao Perama Sunil S Jalalpure Sumit A Joshi | A simple RP-HPLC method for the determination of curcumin in commercial turmeric herbal products | Indian Journal of Natural Products | 31 (2017) | - |
| 56 | <ul style="list-style-type: none"> Sunil Jalalpure Suneel Dodamani | Green, unexpected synthesis of bis-coumarin derivatives as potent anti-bacterial and anti-inflammatory agents | European Journal of Medicinal Chemistry | 143 (2018): 1744-1756 | 4.519 |
| 55 | <ul style="list-style-type: none"> Sunil Jalalpure Suneel Dodamani | Transition metal complexes of a hydrazone derived from hydralazine hydrochloride and 3,5-di-tert-butylsalicylaldehyde | Transition Metal Chemistry | 2018, 43(1), 65-72. | 1.358 |
| 54 | <ul style="list-style-type: none"> Sunil Jalalpure Suneel Dodamani | Design and synthesis of coumarin-imidazole hybrid and phenyl-imidazoloacrylates as potent antimicrobial and antiinflammatory agents | Monatshefte für Chemie - Chemical Monthly | 2018, 149(3), 595-609. | 1.282 |
| 53 | <ul style="list-style-type: none"> Tejas Shah Sanjay Mishra | Combination of Vitamin B12 active forms improved Foetal growth in Wistar rats through up-regulation of placental miR-16 and miR-21 levels | Life Sciences | 2017; 191: 97-103 | 3.234 |
| 52 | <ul style="list-style-type: none"> Sunil S. Jalalpure | Pyrrolyl Pyrazoline Carbaldehydes as Enoyl-ACP Reductase Inhibitors: Design, Synthesis and Antitubercular Activity | The Open Medicinal Chemistry Journal | 2017; 11, 92- 108 | - |
| 51 | <ul style="list-style-type: none"> Sumit Joshi Sunil S. Jalalpure Malleswara Rao P. | Fabrication and in-vivo evaluation of lipid nanocarriers based transdermal patch of colchicine | Journal of Drug Delivery Science and Technology | 41 (2017): 444-453 | 1.19 |

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| 50 | <ul style="list-style-type: none"> Sanjay Mishra Tejas Shah | Vitamin B12 insufficiency in excess folic acid downregulates methylenetetrahydrofolate reductase gene and increases homocysteine, tumor necrosis factor-alpha, and oxidative stress in hepatocytes; | Indian Journal of Health Sciences and Biomedical Research | 11.1 (2018): 12 | - |
| 49 | <ul style="list-style-type: none"> Sunil S. Jalalpure | Evaluation of in vitro Antioxidant and Anticancer activity of <i>Simarouba glauca</i> leaf extracts on T-24 Bladder cancer cell line | Pharmacognosy Journal | 2017; 9 (6), 73-79 | 1.069 |
| 48 | <ul style="list-style-type: none"> Sanjay Mishra Sushant Shengule | Anti-hyperglycemic and anti-hyperlipidaemic effect of <i>Arjunarishta</i> in high-fat fed animals | Journal of Ayurveda and Integrative Medicine | 2018: 9 (1), 45-52 | - |
| 47 | <ul style="list-style-type: none"> Satisha Hegde | Combination of DNA isolation and RP-HPLC analysis method for bark samples of <i>Saraca asoca</i> and its adulterant | 3Biotech | 2017, 7.3, 208 | 1.361 |
| 46 | <ul style="list-style-type: none"> Malleswara Rao Sunil S Jalalpure | Stability studies of pure and mixture form of curcuminoids by reverse phase-HPLC method - under various experimental stress conditions | Food Science and Biotechnology | 2017, 26.3, 591-602 | 0.699 |
| 45 | <ul style="list-style-type: none"> Malleswara Rao P. Sunil Jalalpure | A Single Robust RP-HPLC Analytical method for Quantification of Curcuminoids in Commercial Turmeric Products, Ayurvedic Medicines, and Nanovesicular systems | Journal of Liquid Chromatography & Related Technologies | 2017, 40, (10), 487-498 | 0.669 |

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| 44 | <ul style="list-style-type: none"> • Jalalpure S S • Kumbar V M | "Synthesis and biological evaluation of 1, 3, 4 - trisubstituted pyrazole analogues as anti-mycobacterial agents." | Medicinal Chemistry Research | 2017, 26.6, 1127-38. | 1.43 |
| 43 | <ul style="list-style-type: none"> • Jalalpure S S • Kumbar V M | Quinoline-azetidinone hybrids: Synthesis and in vitro antiproliferation activity against Hep G2 and Hep 3B human cell lines. | Bioorganic and Medicinal Chemistry Letters | 2017, 27.7, 1566-71 | 2.4 |
| 42 | <ul style="list-style-type: none"> • Kumbar V M • Jalalpure S S | In vitro antioxidant and anticancer activity of <i>Lea indica</i> leaf extracts on human prostate cancer cell lines." | Integrative Medicine Research | 2017, 6.1, 79-87 | - |
| 41 | <ul style="list-style-type: none"> • Dinesh Dhamecha • Satveer Jagwani • Dhanashree Patil • Sunil Jalalpure • Suneel Dodamani | Formulation of thermoreversible gel of cranberry juice concentrate: Evaluation, biocompatibility studies and its antimicrobial activity against periodontal pathogens | Materials Science & Engineering C | 2017, 75, 1506-14 | 4.1 |
| 40 | <ul style="list-style-type: none"> • Sunil Jalalpure | Lithotriptic activity of <i>Nerium oleander</i> L.: an experimental screening | Indian Drugs | 2016, 53 (12), 11-17 | - |
| 39 | <ul style="list-style-type: none"> • Sunil Jalalpure • Suneel Dodamani | Design and synthesis of novel phenyl -1, 4-beta-carboline-hybrid molecules as potential anticancer agents | European Journal of Medicinal Chemistry | 2017, 128, 123 -39 | 3.9 |
| 38 | <ul style="list-style-type: none"> • Sunil Jalalpure • Suneel Dodamani | Design, synthesis and pharmacological analysis of 5-[40-(substituted -methyl) [1,10-biphenyl]-2-yl]-1H - tetrazoles | Archives of Pharmacal Research | 2017, 40 (4), 444-457 | 2.4 |

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| 37 | <ul style="list-style-type: none"> • Sunil Jalalpure • Malleshwar Rao | "Resolving identification issues of Saraca asoca from its adulterant and commercial samples using phytochemical markers" | Pharmacognosy Magazine | 2017, 13 (Suppl 2), S266–S272. | 0.83 |
| 36 | <ul style="list-style-type: none"> • Suneel Dodamani • Sunil Jalalpure | Synthesis, characterization and molecular docking studies of substituted 4-coumarinylpyrano[2,3-c]pyrazole derivatives as potent antibacterial and anti-inflammatory agents | European Journal of Medicinal Chemistry | 2017, 125, 101–16 | 3.90 |
| 35 | <ul style="list-style-type: none"> • Tejas Shah • Sanjay Mishra • Vijay Kumbar | Molecular and cellular effects of vitamin B12 on human trophoblast cells in presence of excessive folate | Biomedicine and Pharmacotherapy | 2016, 84, 526 – 534 | 2.426 |
| 34 | Dinesh Dhamecha | Effective cancer theranostics with polymer encapsulated superparamagnetic nanoparticles: Combined effects of magnetic hyperthermia and controlled drug release | ACS Biomaterials Science & Engineering | 2017, 3 (7) 1332–1340 | 3.234 |
| 33 | <ul style="list-style-type: none"> • Sumit Joshi • Sunil Jalalpure • Malleswara Rao | Development and Validation of HPLC Method to Determine Colchicine in Pharmaceutical Formulations and its Application for Analysis of Solid Lipid Nanoparticles | Current Pharmaceutical Analysis | 2017, 12, 1-8 | 0.88 |
| 32 | <ul style="list-style-type: none"> • NK Nannapaneni • Sunil Jalalpure | A sensitive and rapid UFLC-APCI-MS/MS bioanalytical method for quantification of endogenous and exogenous Vitamin K1 isomers in human plasma: Development, validation and first application to a pharmacokinetic study | Talanta | 2017, 164, 233-243 | 4.03 |

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| 31 | <ul style="list-style-type: none"> B. Dinnimath Sunil Jalalpure | Antiuro lithiatic activity of natural constituents isolated from <i>Aerva lanata</i> (L)-A Pashanabheda | Journal of Ayurveda and Integrative Medicine | 2017, 8 (4), 226-232 | - |
| 30 | <ul style="list-style-type: none"> Dinesh Dhamecha Sunil Jalalpure | Doxorubicin loaded gold nanoparticles: Implication of passive targeting on anticancer efficacy | Pharmacological Research | 2016, 113, 547-556 | 4.81 |
| 29 | <ul style="list-style-type: none"> Ravi Hiremath Sunil Jalalpure | Chromatographic fingerprint analysis of hydro-alcoholic extract of medicinally important plant <i>Elephantopus scaber</i> L. using HPTLC technique | Indian Journal of Pharmaceutical Education and Research | 2016, 50, 689-694 | 0.2 |
| 28 | Sunil Jalalpure | Effect of hydro-alcoholic extract of <i>Vernonia cinerea</i> Less. Against ethylene glycol-induced urolithiasis in rats | Indian Journal of Pharmacology | 2016, 48 [4], 434-40 | 0.69 |
| 27 | <ul style="list-style-type: none"> N. Nannapaneni Sunil Jalalpure | An ultra-high performance liquid chromatography - tandem mass spectrometry method for quantification of linagliptin in human plasma | RSC Advances | 2016, 6, 66756 - 66766 | 3.29 |
| 26 | T. Y. Mudaraddi | A case study on vacuolated Oocytes intra cytoplasmic sperm injection and its outcome | International journal of infertility and fetal medicine | 2016, 7(1), 23-26 | - |
| 25 | N. Reddy | Investigation of Biowaivers for Immediate Release Formulations Containing BCS III Drugs, Acyclovir, Atenolol, and Ciprofloxacin Hydrochloride, Using Dissolution Testing. | AAPS PharmSciTech | 2017, 18 (2), 424-431 | 1.64 |

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| 24 | <ul style="list-style-type: none"> • Sunil Jalalpure • Dinesh Dhamecha | Poloxamer 407 based intranasal thermoreversible gel of zolmitriptan loaded nanoethosomes: formulation, optimization, evaluation and permeation studies. | Journal of Liposome Research | 2016, 26(4), 313-323 | 1.9 |
| 23 | <ul style="list-style-type: none"> • Sunil Jalalpure • Malleswara R | Comparative RP-HPLC fingerprinting analysis of three sources of Mayurasikha: an Ayurvedic drug. | Indian Drugs | 2016, 53(4), 47-53. | - |
| 22 | <ul style="list-style-type: none"> • Dinesh Dhamecha • Sunil Jalalpure | Green Synthesis of gold nanoparticles using Pterocarpus marsupium: characterization and biocompatibility studies. | Particulate Science and Technology | 2016, 34.2, 156-164 | 0.7 |
| 21 | <ul style="list-style-type: none"> • Dinesh Dhamecha • Sunil Jalalpure | Nepenthes khasiana mediated synthesis of stabilized gold nanoparticles: characterization and biocompatibility studies. | Journal of Photochemistry and Photobiology B: Biology | 2016, 154, 108-117. | 3.0 |
| 20 | <ul style="list-style-type: none"> • Sumit A. Joshi • Sunil Jalalpure | Some novel Schiff bases of [1, 2, 4] triazole bearing haloarene moiety—synthesis and evaluation of antituberculosis properties and neutrophil function test. | Medicinal Chemistry Research | 2016, 25.1, 83-93 | 1.40 |
| 19 | <ul style="list-style-type: none"> • Dinesh Dhamecha • Sunil Jalalpure | Doxorubicin functionalized gold nanoparticles: characterization and activity against human cancer cell lines. | Process Biochemistry | 2015, 50.12, 2298-2306. | 2.51 |
| 18 | Sunil Jalalpure | Novel Series of Coumarinyl Substituted-Thiazolidin-2,4-Dione Analogs As Anticancer Agents: Design, Synthesis, Spectral Studies And Cytotoxicity Evaluation | Anticancer Agents in Medicinal Chemistry | 2015: 15.8, 970-979. | 3.14 |

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| 17 | <ul style="list-style-type: none"> • Sunil Jalalpure • Dinesh Dhamecha • Sushant Shengule | Formulation and evaluation of thermoreversible mucoadhesive gel for intranasal delivery of Naratriptan hydrochloride. | Journal of Drug Delivery Science and Technology | 2015; 29, 238-244 | 0.655 |
| 16 | Kishore Bhat | Bactericidal activity of propylene glycol, glycerine, polyethylene glycol-400, and polyethylene glycol-1000 against selected microorganisms | Journal of International Society of Preventive and community dentistry | 2015, 5.2, 114-119 | - |
| 15 | H. Bhattacharya | Emergence of novel H1N1 Influenza A in the remote Islands of India - A molecular approach | Indian Journal of Medical Microbiology | 2015, 33 [1], 143-146, | 0.882 |
| 14 | <ul style="list-style-type: none"> • Sunil Jalalpure • Satveer Jagwani • Nagraj Kumar | Phytochemical investigation and in-vitro immunomodulatory study of <i>Asparagus racemosus</i> wild roots extracts | International Journal of Pharmaceutical Sciences | 2015, 6 [1], 292 – 299; | - |
| 13 | Sunil Jalalpure | Screening of Ethanolic extract of <i>Diospyros malabarica</i> Desr. bark for anti-diabetic and Antioxidant Potential | Indian Journal of Pharmaceutical Education & Research | 2016, 50 (1), 179-189 | 0.219 |
| 12 | Kishor Bhat | Immunoexpression of tenacin as a predictor of the malignancy potential of oral leukoplakia associated with tobacco habit | Biotechnic and Histochemistry | 2015, 90 (7), 544-551 | 1.444 |
| 11 | H. Bhattacharya | Changing patterns and widening of antibiotic resistance in <i>Shigella</i> sp. over a decade [2000-2011], Andaman Islands, India. | Epidemiology and Infection | 2015,143[3], 470-477, | 2.535 |
| 10 | <ul style="list-style-type: none"> • Suneel Dodamani • Vijay Kumbar | Modern Diet and its Impact on Human Health | Nutrition and Food Sciences | 2015, 5 [6], 1-3. | - |

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| 9 | H. Bhattacharya | Occult Hepatitis B infection among the vaccinated and non-vaccinated individuals among the aboriginal Nicobarese tribe of India. | Journal of Infections in Developing Countries | 2014, 8 [12], 1630- 35, | - |
| 8 | Haimanti B. | Prevalence of mutations in Basal Core Promoter and Precore mutations in Hepatitis B vaccinated and non-vaccinated individuals of Aboriginal Nicobarese Tribe of Nicobar Island India | Intervirolgy | 2014, 57 [6], 357-364. | 1.70 |
| 7 | Sunil Jalalpure | In silico Antiurolithiatic Screening of Aerva lanata (L) Isolated constituents | Indian Journal of Pharmaceutical Education and Research | 2015, 49 [2], 126 – 133; | 0.219 |
| 6 | Sunil Jalalpure | Effect of Amavatavidhvansa rasa: A herbo-mineral formulation on carrageenan - Induced inflammation in rats. | Indian Journal of Health Sciences and Biomedical Research (KLEU) | 2014, 7 [1], 12- 14 | - |
| 5 | Sunil Jalalpure | SMEDDS formulation: demonstration of enhanced bioavailability of Pioglitazone in rats | International Journal of Pharmacy & Pharmaceutical Sciences | 2014, 6 [2], 662-665 | - |
| 4 | N. Sumalatha | Comparison of In Vitro Release Rates of Acyclovir From Cream Formulations Using Vertical Diffusion Cells | AAPS PharmSciTech | 2014, 15[4], 994-99, | 1.641 |

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| 3 | Nallagundla H. S. | In Vitro Dissolution of Generic Immediate-Release Solid Oral Dosage Forms Containing BCS Class I Drugs: Comparative Assessment of Metronidazole, Zidovudine, and Amoxicillin Versus Relevant Comparator Pharmaceutical Products In South Africa and India | AAPS PharmSciTech | 2014, 15 [5], 1076-1086, | 1.641 |
| 2 | Malleswara R. P. | Digestive diversity and kinetic intrigue among heated and unheated β -lactoglobulin species | Food and Function | 2014, 5 (11) 2783-2791, | 2.80 |
| 1 | Jadhav Shivaji | Immune Reconstitution Syndrome [IRIS] Affecting the Central Nervous System [CNS] In Patient with HIV and Tuberculosis on Antiretroviral Therapy | Open Access Scientific Reports | 2013, 2 [2], 1 – 3 | - |