



## Published Research Articles: Total: 66

International Research Articles: 46      National: 20

Cumulative Impact Factor: 92.041      Average Impact Factor: 1.39



Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
66	<ul style="list-style-type: none"> <li>Jalalpure SS</li> </ul>	Antioxidant and Antiurolithiatic Efficacy of <i>Aervalanata(L)</i> 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"> <li>Satisha Hegde</li> </ul>	Molecular identification of <i>Saraca asoca</i> from its substituents and adulterants	3 Biotech	2018, 8, 161	1.361
63	<ul style="list-style-type: none"> <li>Sushant Shengule,</li> <li>Sanjay Mishra</li> </ul>	Herb drug interaction of Nisha Amalaki with curcuminoids with metformin in normal and diabetic conditions – A disease system approach	Biomedicine & Pharmacotherapy	2018; 101, 591-598.	2.76
64	<ul style="list-style-type: none"> <li>Dhamecha D</li> <li>Jagwani S</li> <li>Jalalpure SS</li> </ul>	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"> <li>Sushant Shengule,</li> <li>Sanjay Mishra</li> </ul>	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"> <li>Dodamani S,</li> <li>Jalalpure S.</li> </ul>	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"> <li>Shruti Jaiswal,</li> <li>Sanjay Mishra</li> </ul>	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

Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
59	<ul style="list-style-type: none"> <li>Bhaskar Kurangi</li> <li>Sunil Jalalpure</li> </ul>	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"> <li>Chouhan Mahendra Kumar</li> </ul>	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
57	<ul style="list-style-type: none"> <li>Malleswara Rao Perama</li> <li>Sunil S Jalalpure</li> <li>Sumit A Joshi</li> </ul>	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"> <li>Sunil Jalalpure</li> <li>Suneel Dodamani</li> </ul>	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"> <li>Sunil Jalalpure</li> <li>Suneel Dodamani</li> </ul>	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"> <li>Sunil Jalalpure</li> <li>Suneel Dodamani</li> </ul>	Design and synthesis of coumarin-imidazole hybrid and phenyl-imidazoloacrylates as potent antimicrobial and anti-inflammatory agents	Monatshefte für Chemie - Chemical Monthly	2018, 149(3), 595-609.	1.282
53	<ul style="list-style-type: none"> <li>Tejas Shah</li> <li>Sanjay Mishra</li> </ul>	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	191 (2017): 97-103	2.94
52	<ul style="list-style-type: none"> <li>Sunil S. Jalalpure</li> </ul>	Pyrrolyl Pyrazoline Carbaldehydes as Enoyl-ACP Reductase Inhibitors: Design, Synthesis and Antitubercular Activity	The Open Medicinal Chemistry Journal	2017; 11, 92-108	-

Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
51	<ul style="list-style-type: none"> <li>Sumit Joshi</li> <li>Sunil S. Jalalpure</li> <li>Malleswara Rao P.</li> </ul>	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
50	<ul style="list-style-type: none"> <li>Sanjay Mishra</li> <li>Tejas Shah</li> </ul>	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"> <li>Sunil S. Jalalpure</li> </ul>	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"> <li>Sanjay Mishra</li> <li>Sushant Shengule</li> </ul>	Anti-hyperglycemic and anti-hyperlipidaemic effect of <i>Arjunarishtha</i> in high-fat fed animals	Journal of Ayurveda and Integrative Medicine	2018: 9 (1), 45-52	-
47	<ul style="list-style-type: none"> <li>Satisha Hegde</li> </ul>	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"> <li>Malleswara Rao</li> <li>Sunil S Jalalpure</li> </ul>	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"> <li>Malleswara Rao P.</li> <li>Sunil Jalalpure</li> </ul>	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

Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
44	<ul style="list-style-type: none"> <li>Jalalpure S S</li> <li>Kumbar V M</li> </ul>	"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"> <li>Jalalpure S S</li> <li>Kumbar V M</li> </ul>	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"> <li>Kumbar V M</li> <li>Jalalpure S S</li> </ul>	In vitro antioxidant and anticancer activity of <i>Leea 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"> <li>Dinesh Dhamecha</li> <li>Satveer Jagwani</li> <li>Dhanashree Patil</li> <li>Sunil Jalalpure</li> <li>Suneel Dodamani</li> </ul>	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"> <li>Sunil Jalalpure</li> </ul>	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"> <li>Sunil Jalalpure</li> <li>Suneel Dodamani</li> </ul>	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"> <li>Sunil Jalalpure</li> <li>Suneel Dodamani</li> </ul>	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

<b>Sl. No.</b>	<b>Authors from BSRC</b>	<b>Title of the Published Research Article</b>	<b>Journal</b>	<b>Publication Details</b>	<b>IF</b>
37	<ul style="list-style-type: none"> <li>• Sunil Jalalpure</li> <li>• Malleshwar Rao</li> </ul>	"Resolving identification issues of Saracaasoca 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"> <li>• Suneel Dodamani</li> <li>• Sunil Jalalpure</li> </ul>	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"> <li>• Tejas Shah</li> <li>• Sanjay Mishra</li> <li>• Vijay Kumbar</li> </ul>	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"> <li>• Sumit Joshi</li> <li>• Sunil Jalalpure</li> <li>• Malleswara Rao</li> </ul>	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"> <li>• NK Nannapaneni</li> <li>• Sunil Jalalpure</li> </ul>	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

Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
31	<ul style="list-style-type: none"> <li>B. Dinnimath</li> <li>Sunil Jalalpure</li> </ul>	Antiuro lithiatic activity of natural constituents isolated from <i>Aervalanata</i> (L)-A Pashanabheda	Journal of Ayurveda and Integrative Medicine	2017, 8 (4), 226-232	-
30	<ul style="list-style-type: none"> <li>Dinesh Dhamecha</li> <li>Sunil Jalalpure</li> </ul>	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"> <li>Ravi Hiremath</li> <li>Sunil Jalalpure</li> </ul>	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"> <li>N. Nannapaneni</li> <li>Sunil Jalalpure</li> </ul>	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

<b>Sl. No.</b>	<b>Authors from BSRC</b>	<b>Title of the Published Research Article</b>	<b>Journal</b>	<b>Publication Details</b>	<b>IF</b>
24	<ul style="list-style-type: none"> <li>• Sunil Jalalpure</li> <li>• Dinesh Dhamecha</li> </ul>	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"> <li>• Sunil Jalalpure</li> <li>• Malleswara R</li> </ul>	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"> <li>• Dinesh Dhamecha</li> <li>• Sunil Jalalpure</li> </ul>	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"> <li>• Dinesh Dhamecha</li> <li>• Sunil Jalalpure</li> </ul>	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"> <li>• Sumit A. Joshi</li> <li>• Sunil Jalalpure</li> </ul>	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"> <li>• Dinesh Dhamecha</li> <li>• Sunil Jalalpure</li> </ul>	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

Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
17	<ul style="list-style-type: none"> <li>• Sunil Jalalpure</li> <li>• Dinesh Dhamecha</li> <li>• Sushant Shengule</li> </ul>	Formulation and evaluation of the more reversible 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"> <li>• Sunil Jalalpure</li> <li>• Satveer Jagwani</li> <li>• Nagraj Kumar</li> </ul>	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 tenacins as a predictor of the malignancy potential for alleukoplakia 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"> <li>• Suneel Dodamani</li> <li>• Vijay Kumbar</li> </ul>	Modern Diet and its Impact on Human Health	Nutrition and Food Sciences	2015, 5 [6], 1-3.	-
9	H. Bhattacharya	Occult Hepatitis B infection among the vaccinated	Journal of Infections	2014, 8 [12],	-



Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
		and non-vaccinated individuals among the aboriginal Nicobarese tribe of India.	in Developing Countries	1630-35,	
8	Haimanti B.	Prevalence of mutations in Basal Core Promoter and Pre-core mutations in Hepatitis B vaccinated and non-vaccinated individuals of Aboriginal Nicobarese Tribe of Nicobar Island India	Intervirology	2014, 57 [6], 357-364.	1.70
7	Sunil Jalalpure	In silico Anti-urolithiatic Screening of Aervalanata (L) Isolated constituents	Indian Journal of Pharmaceutical Education and Research	2015, 49 [2], 126-133;	0.219
6	Sunil Jalalpure	Effect of Amavata vidhva sarasa: 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
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 $\beta$ -lactoglobulin species	Food and Function	2014, 5 (11) 2783-2791,	2.80

Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
1	Jadhav Shivaji	Immune Reconstitution Inflammatory 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	-