



Published Research Articles: Total: 76

International Research Articles: 52 National: 24

Cumulative Impact Factor: 114.95 Average Impact Factor: 1.981



Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
76	<ul style="list-style-type: none"> • Sushant Shengule • Sanjay Mishra 	Phytochemical characterization of <i>ayurvedic</i> formulations of <i>Terminalia Arjuna</i> : A potential tool for quality assurance.	Indian Journal of Traditional Knowledge	2019, 18 (1), 127-132	1.061
75	<ul style="list-style-type: none"> • Sunil Jalalpure 	Factorial design based curcumin ethosomal nanocarriers for the skin cancer delivery: In vitro evaluation	Journal of Liposome Research	2018, 1-64	2.576
74	<ul style="list-style-type: none"> • Suneel Dodamani • Sunil Jalalpure 	Synthesis of Polyfunctionalized Fused Pyrazolo-Pyridines: Characterization, Anticancer Activity, Protein Binding and Molecular Docking Studies	Chemistry Select	2018, 3, 1-14	1.505
73	<ul style="list-style-type: none"> • Satisha Hegde 	Assessment of genetic diversity of <i>Saraca asoca</i> (Roxb.) De Wilde: a commercially important, but endangered, forest tree species in Western Ghats, India.	New Zealand Journal of Forestry Science	2018, 48, 17	1.333
72	<ul style="list-style-type: none"> • Damita Cota • Sanjay Mishra • Sushant Shengule 	Beneficial role of <i>Terminalia arjuna</i> hydro-alcoholic extract in colitis and its possible mechanism.	Journal of Ethnopharmacology	2018, 230: 117-125	3.115
71	<ul style="list-style-type: none"> • Sunil S. Jalalpure • Dhanashree Patil 	A novel experiment on prevention of breast tumor formation through prophylactic administration of a multiherbal compound against the carcinogenic chemical dmbs (7, 12-dimethylbenzanthracene) in experimental virgin female wistar rats – An inconclusive trial	International Journal of Scientific Research	2018;11;7(4)	--

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70	<ul style="list-style-type: none"> Satveer Jagwani, Dinesh Dhamecha Sunil S. Jalalpure 	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"> Satisha Hegde Sunil S. Jalalpure 	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 Magazine	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"> Sunil Jalalpure 	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
64	<ul style="list-style-type: none"> Dinesh Dhamecha Satveer Jagwani Sunil Jalalpure 	Phytosynthesis of silver nanoparticles: characterization, biocompatibility studies and anticancer activity	ACS Biomaterials Science & Engineering	2018, 4(3), 892-899.	3.234
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

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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"> Suneel Dodamani Sunil Jalalpure 	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"> Mahendra Kumar Chouhan 	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"> Malleswara Rao Peram 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 	Transition metal complexes of a hydrazone derived	Transition Metal	2018, 43(1),	1.358

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	<ul style="list-style-type: none"> • Suneel Dodamani 	from hydralazine hydrochloride and 3,5-di-tert-butylsalicylaldehyde	Chemistry	65-72.	
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
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

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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 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
44	<ul style="list-style-type: none"> Sunil Jalalpure 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"> Sunil Jalalpure 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

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42	<ul style="list-style-type: none"> • Kumbar V M • Sunil Jalalpure 	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"> • 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
37	<ul style="list-style-type: none"> • Sunil Jalalpure • Malleshwar Rao 	"Resolving identification issues of <i>Saraca asoca</i> 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

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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
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

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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
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 <i>Pterocarpus marsupium</i> : characterization and biocompatibility studies.	Particulate Science and Technology	2016, 34.2, 156-164	0.7
21	<ul style="list-style-type: none"> Dinesh Dhamecha 	<i>Nepenthes khasiana</i> mediated synthesis of stabilized gold	Journal of	2016, 154,	3.0

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	<ul style="list-style-type: none"> Sunil Jalalpure 	nanoparticles: characterization and biocompatibility studies.	Photochemistry and Photobiology B: Biology	108-117.	
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
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> willd roots extracts	International Journal of Pharmaceutical Sciences	2015, 6 [1], 292 – 299;	-

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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.	-
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 <i>Aerva lanata</i> (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	-

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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 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	-