

RESEARCH PUBLICATIONS		
2016		
S. No.	Department of Pharmaceutical Sciences & Technology	Impact Factor
1	Zin NMLM, Mubin ASA, Nawi MSM, Kasmuri AR, Mandal UK (2016) Preliminary study on the formulation of syariah compliant generic sustained release gliclazide tablet using xanthan gum. <i>International Medical Journal Malaysia</i> ,17,1-4.	0.191
2017		
1	Alagdar GSA, Oo MK, Sengupta P, Mandal UK, Jaffri JM, Chatterjee B (2017) Development of a binary carrier system consisting polyethylene glycol 4000-ethyl cellulose for ibuprofen solid dispersion. <i>International Journal of Pharmaceutical Investigation</i> , 7, 142.	UGC listed
2	Bappaditya C, Amalina N, Sengupta P, Mandal UK (2017) Mucoadhesive polymers and their mode of action: A recent update. <i>Journal of Applied Pharmaceutical Science</i> 7, 195-203.	UGC listed
3	Baldi, A (2017) Probiotics for health benefits: the regulatory concerns and suggestive roadmap <i>Biomedical Journal of Scientific & Technical Research</i> , 1, 1230-1231.	UGC listed
4	Alam N, Koul M, Minto MJ, Mondhe DM, Gupta PN (2017) Development and characterization of hyaluronic acid modified PLGA based nanoparticles for improved efficacy of cisplatin in solid tumor. <i>Biomedicine & Pharmacotherapy</i> ,95, 856-864.	9.3
5	Singh G, Gupta N, Gupta V, Ishar MPS (2017) Reduction of chromano–piperidine-fused isoxazolidines: Tandem intramolecular rearrangements leading to 2-(methylamino)-4-oxo-N-phenyl-N-propyl-4H-chromene-3-carboxamide. <i>Tetrahedron Letters</i> 58,2456-2459.	4.3
6	Win T, Rajagopal J, Manda UK, Sengupta Z, Chatterjee B (2017) Incorporation of carbopol to palm olein based analgesic cream: Effect on formulation characteristics. <i>Latin American Journal of Pharmacy</i> 36, 2144-2152	0.5
7	Chatterjee B, Amalina N, Sengupta P, Mandal UK(2017) Mucoadhesive polymers and their mode of action: A recent update. <i>Journal of Applied Pharmaceutical Science</i> 7, 195-203	2.0
2018		
1.	Mahmood S, Mandal UK, Chatterjee B (2018) Transdermal delivery of raloxifene HCl via ethosomal system: Formulation, advanced characterizations and pharmacokinetic evaluation. <i>International Journal of Pharmaceutics</i> , 542, 36-46.	5.875
2.	Sharma S, Kumar P, Deshmukh R (2018) Neuroprotective	3.921

	potential of spermidine against rotenone induced Parkinson's disease in rats. <i>Neurochemistry International</i> , 116, 104-111.	
3.	Kaundal M, Deshmukh R, Akhtar M (2018) Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: Possible neurotransmitters and neuroinflammatory mechanism. <i>Pharmacological Reports</i> , 70, 540-548.	3.024
4.	Singh M, Thakur V, Deshmukh R, Sharma A, Rathore MS, Kumar A, Mishra N (2018) Development and characterization of morin hydrate-loaded micellar nanocarriers for the effective management of Alzheimer's disease. <i>Journal of Microencapsulation</i> , 35, 137-148.	3.142
5.	Koshal P, Jamwal S, Kumar P (2018) Glucagon-like peptide-1 (GLP-1) and neurotransmitters signaling in epilepsy: An insight review. <i>Neuropharmacology</i> , 136, 271-279.	5.25
6.	Sharma S, Baldi A, Singh RK, Sharma RK (2018) Drafting of comprehensive harmonized regulatory guideline for storage and disposal of radiopharmaceuticals. <i>Journal of Drug Delivery and Therapeutics</i> 8, 279-286.	UGC listed
7.	Arora M, Kaur N, Bansal P, Baldi A (2018) Emergence of traditionally used foods as today's probiotics long journey. <i>Current Traditional Medicine</i> , 5, 114-125.	UGC listed
8.	Dadwal A, Baldi A, Narang RK (2018) Nanoparticles as carriers for drug delivery in cancer. <i>Artificial Cells, Nanomedicine, and Biotechnology</i> 46, 295-305.	5.678
9.	Thakur S, Bajwa N, Baldi A (2018) New analytical methods for estimation of arteether by UV and fluorescence spectrophotometry: development and validation. <i>Journal of Drug Delivery and Therapeutics</i> , 8, 151-158.	UGC listed
10.	Kumar L, Baldi A, Verma S, Utreja P (2018) Exploring therapeutic potential of nanocarrier systems against breast cancer <i>Pharmaceutical Nanotechnology</i> , 6, 94-110.	UGC listed
11.	Baldi A, Chaudhary M, Sethi S, Chandra R, Madan J (2018) Armamentarium of nanoscale lipid drug delivery systems customized for oral administration: In silico docking patronage, absorption phenomenon, preclinical status, clinical status and future prospects. <i>Colloids and Surfaces B: Biointerfaces</i> , 170, 637-647.	5.268
12.	Pathania S, Bhatia R, Baldi A, Singh R, Rawal, RK (2018) Drug metabolizing enzymes and their inhibitors role in cancer resistance. <i>Biomedicine & Pharmacotherapy</i> , 105, 53-65.	6.529
13.	Bragta P, Sidhu RK, Jyoti K, Baldi A, Jain UK, Chandra R, Madan J (2018) Intra tumoral administration of carboplatin	5.268

	bearing poly (ϵ -caprolactone) nanoparticles amalgamated with in situ gel tendered augmented drug delivery, cytotoxicity, and apoptosis in melanoma tumor. <i>Colloids and Surfaces B: Biointerfaces</i> , 166, 339-348.	
14.	Kaur A, Jyoti K, Baldi A, Jain UK, Chandra R, Madan J (2018) Self-assembled nanomicelles of amphiphilic clotrimazole glycyL-glycine analogue augmented drug delivery, apoptosis and restrained melanoma tumour progression. <i>Materials Science and Engineering</i> , 89,75-86.	7.328
15.	Kashyap A, Kaur R, Baldi A, Jain UK, Chandra R, Madan J (2018) Chloroquine diphosphate bearing dextran nanoparticles augmented drug delivery and overwhelmed drug resistance in Plasmodium falciparum parasites. <i>International Journal of Biological Macromolecules</i> , 114,161-168.	6.953
16.	Nagpal M, Aggarwal G, Jindal M, Baldi A, JainUK, Chandra R, Madan J (2018) Ultrasound, microwave and Box-Behnken Design amalgamation offered superior yield of gum from abelmoschus esculentus: Electrical, chemical and functional peculiarity <i>Computers and Electronics in Agriculture</i> ,145,169-178.	5.565
17.	Pathania S, Rawal RK (2018) Pnylpyrimidines: An update on recent advancements in their medicinal attributes. <i>European Journal of Medicinal Chemistry</i> , 157, 503-526.	6.514
18.	Amit S, Ashish B, Kumar SD (2018) Socio-demographic characteristic and drug utilization evaluation of hypertensive patients in Punjab. <i>European Journal of Clinical Pharmacy</i> , 20, 238-249.	2.966
19.	Dadwal A, Mishra N, Narang, RK (2018) Novel topical nanocarriers for treatment of psoriasis: An overview. <i>Current Pharmaceutical Design</i> , 24:3934 – 3950.	2.208
20.	Arora D, Khurana B, Rath G, Nanda S, Goyal AK (2018) Recent advances in nanosuspension technology for drug delivery. <i>Current Pharmaceutical Design</i> , 24, 2403-2415	2.208
21.	Singh PA, Desai SD, Singh J (2018) A review on plant antimicrobials of past decade. <i>Current Topics in Medicinal Chemistry</i> , 18, 812-833	3.295
22.	Chatterjee A, Baghel DS, Mittal A, Bhatia A, Chaudhary AK (2018) In vitro anti-inflammatory and antioxidant activities of Hinguleswara rasa-based herbomineral formulations. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 11, 24-27	6.974
23.	Singh G, Singh G, Bhatti R, Sharma A, Singh Ishar MP (2018) Indolyl-isoxazolidines attenuate LPS- stimulated pro-inflammatory cytokines and increase survival in a mouse model of sepsis: Identification of potent lead. <i>European Journal of</i>	6.51

	<i>Medicinal Chemistry</i> ,153, 56-64.	
	2019	
1.	Palakdeep K, Mandal UK (2019) Development and validation of a UV spectrophotometric method of mycophenolate mofetil useful at preformulation stage of microemulsion formulation <i>Research Journal of Pharmacy and Technology</i> , 10, 4777-4781.	UGC Care
2.	Hiral S, Mandal UK, Nivsarkar M, Shrivastava N (2019) Fabrication and evaluation of a medicated hydrogel film with embelin from <i>Embeliaribes</i> for wound healing activity, <i>Future Journal of Pharmaceutical Sciences</i> ,5, 1-10.	UGC listed
3.	Sh, AA Taher M, Mandal UK, Jaffri, JM, Susanti, D, Mahmood, S, Zakaria. ZA (2019) Pharmacological properties of <i>Centella asiatica</i> hydrogel in accelerating wound healing in rabbits. <i>BMC complementary and alternative medicine</i> 19, 1-7.	3.659
4.	Kai BL, Gaurav A, Mandal UK, (2019) A review on co- processed excipients: current and future trend of excipient technology <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> ,11, 1-9.	UGC listed
5.	Ashish D, Sharma A, Mandal UK, Kotwal P, Bhatt S, Nandi. U, (2019) Liquid chromatography-based methods for analysis of disease-modifying Antirheumatic drugs (DMARDs) in biological matrices. <i>Critical Reviews in Analytical Chemistry</i> 49, 224-242.	6.535
6.	Bappaditya C, Gorain B, Mohananaidu K, Sengupta P, Mandal UK, Choudhury H (2019) Targeted drug delivery to the brain via intranasal nanoemulsion: Available proof of concept and existing challenges. <i>International Journal of Pharmaceutics</i> 565, 258-268.	5.875
7.	Kyaw OM, Mahmood S, Wui, WT, Mandal UK, Chatterjee. B (2019) Effects of different formulation methods on drug crystallinity, drug-carrier interaction, and <i>ex vivo</i> permeation of a ternary solid dispersion containing nisoldipine <i>Journal of Pharmaceutical Innovation</i> 16, 26-37.	2.75
8.	Darshpreet K, Sharma V, Deshmukh R, (2019) Activation of microglia and astrocytes: A roadway to neuroinflammation and Alzheimer's disease. <i>Inflammopharmacology</i> 27, 663-677.	4.473
9.	Sharma PK, Mishra V, Verma S, Bhatia A, (2019) Simultaneous estimation by RP-HPLC method for the immunosuppressant drug combination: Mycophenolate mofetil, tacrolimus with prednisolone. <i>Pertanika Journal of Science & Technology</i> , 27, 371-385.	UGC listed
10.	Sagar, Mittal A, Baghel DS, Singh S, Singh A, Chaudhary AK, Chopra S and Bhatia A (2019) A survey on obesity stigma and its assessment with update: A review <i>Plant Archives</i> , 19, 2153-2161.	UGC listed

11.	Sharma A, Sharma D, Baldi A, Jyoti K, Chandra R and Madan J (2019) Imiquimod-oleic acid prodrug-loaded cream reduced drug crystallinity and induced indistinguishable cytotoxicity and apoptosis in mice melanoma tumour <i>Journal of Microencapsulation</i> , 8, 759-774.	3.142
12.	Gupta R, Rahul, Behera C, Paudwal G, Rawat N, Baldi A, and Gupta PN (2019) Recent advances in formulation strategies for efficient delivery of vitamin D <i>AAPS Pharmscitech</i> , 20, 1-12.	3.246
13.	Chaudhary M, Kumar N, Baldi A, Chandra R, Babu M A and Madan J (2019) 4-Bromo-4'-chloro pyrazoline analog of curcumin augmented anticancer activity against human cervical cancer, HeLa cells: In silico-guided analysis, synthesis, and in vitro cytotoxicity. <i>Journal of Biomolecular Structure and Dynamics</i> , 38, 1335-1353.	3.549
14.	Singh M, Kumar D, Naman S, Madhavi N, Singh P.A, Bajwa N and Baldi A (2019) Validation of hptlc method for the simultaneous estimation of ascorbic acid and gallic acid in amla juice preparation <i>Journal of Drug Delivery and Therapeutics</i> , 9, 227-231.	UGC listed
15.	Paudwal G, Rawat N, Gupta R, Baldi A, Singh G and Gupta P.N (2019) Recent advances in solid dispersion technology for efficient delivery of poorly water-soluble drugs <i>Current Pharmaceutical Design</i> , 25, 1524-1535.	3.116
16.	Jeet K and Baldi A (2019) A Comprehensive Review on <i>Pistacia integerrima</i> <i>Current Traditional Medicine</i> , 5, 98-113.	UGC listed
17.	Madhavi N, Kumar D, Naman S, Singh M, Singh PA, Bajwa N and Baldi A (2019) Formulation and evaluation of novel herbal formulations incorporated with Amla extract for improved stability <i>Journal of Drug Delivery and Therapeutics</i> , 9, 212-221.	UGC listed
18.	Nagpal M, Kaur M, Sharma D, Baldi A, Chandra R and Madan J (2019) Optimization of sulfation of okra fruit gum for improved rheological and pharmacological properties. <i>International Journal of Biological Macromolecules</i> , 122, 1-9.	6.953
19.	Gautam VK, Datta M and Baldi A, (2019) Effect of geographical and seasonal variations on phenolic contents and antioxidant activity of aerial parts of <i>Urtica dioica L</i> <i>Current Traditional Medicine</i> , 5, 159-167.	UGC listed
20.	Arora M, Baldi A, Kapila N, Bhandari S, and Jeet K (2019) Impact of probiotics and prebiotics on colon cancer: Mechanistic insights and future approaches <i>Current Cancer Therapy Reviews</i> , 15, 27-36.	UGC listed
21.	Naman S, Madhavi N, Singh M, Singh PA, Bajwa N and Baldi A (2019) Formulation design and pharmaceutical considerations for	UGC listed

	paediatric patients: Current status and future dimensions <i>Journal of Drug Delivery and Therapeutics</i> , 9, 601-606.	
22.	Sharma S, Baldi A, Singh R and Sharma RK (2019) Intricacies in the approval of radiopharmaceuticals-regulatory perspectives and the way forward <i>Current Science</i> , 116, 47-65.	1.102
23.	Arora M, Kaur N, Bansal P and Baldi A (2019) Emergence of traditionally used foods as today's probiotics long journey <i>Current Traditional Medicine</i> , 5, 114-125.	UGC listed
24.	Sharma AK, Arora S, Gil TK, Mengi A, Sodhi A, Baldi A and Kumar SD (2019) Drug utilization study and prevalence of cognitive dysfunction in diabetes mellitus <i>European Journal of Clinical Pharmacy: Atencionfarmaceutica</i> , 21, 19-24.	UGC listed
25	Manjal SK, Pathania S, Bhatia R, Kumar K, Rawal RK (2019) Diversified synthetic strategies for pyrroloindoles: An overview. <i>Journal of Heterocyclic Chemistry</i> , 56, 2318-2332	0.787
26	Pathania S, Narang RK, Rawal RK (2019) Role of sulphur-heterocycles in medicinal chemistry: An update. <i>European Journal of Medicinal Chemistry</i> , 180,486-508.	6.51
27	Sharma S, Rajan MGR, Baldi A, Singh RK, Sharma RK (2019) The regulatory dilemma for import of radiopharmaceuticals in India. <i>Current Science</i> , 11, 1787-1789	1.102
28	Gupta A, Behl T, Heer HR, Deshmukh R, Sharma PL (2019) Mdm2-P53 interaction inhibitor with cisplatin enhances apoptosis in colon and prostate cancer cells <i>in-vitro</i> . <i>Asian Pacific Journal of Cancer Prevention</i> 20, 3341-3351.	1.77
29	Jamwal S, Kumar P (2019) Insight into the emerging role of striatal neurotransmitters in the pathophysiology of parkinson's disease and huntington's disease: A review. <i>Current Neuropharmacology</i> , 17,165-175.	7.363
	2020	
1	Bin LK, Helaluddin ABM, Sarker MZI, Mandal UK, Gaurav A. (2020) Effect of processing methods on xylitol-starch base co-processed adjuvant for orally disintegrating tablet application. <i>Pakistan Journal of Pharmaceutical sciences</i> , 33, 551-559	0.684
2	Singh A, Singh G, Bhattacharya S, Mishra N, Thakur A, Mandal UK, Narang RK. (2020) Probiotics and Herbals as a Boom in Treatment of Ulcerative Colitis <i>Asian Journal of Pharmaceutics</i> , 14, 301-307	UGC listed
3	Kaur P, Kumar M, Mandal UK. (2020) Development and validation of a simple HPLC method for estimation of mycophenolate mofetil in microemulsion formulation <i>International Journal of Pharmacy and Pharmaceutical Sciences I</i> , 16-20.	UGC listed

4	Devi A, Kumar M, Kumar M, Mandal UK (2020) Review on disease, dose, destination and delivery aspects of simvastatin. <i>Drug Delivery Letters</i> , 10, 278-287.	UGC listed
5	Mahmood S, Phey TC, Kheng LS, Chen KP, Mandal UK (2020) Formulation, characterisation and comparison of different raloxifene hydrochloride loaded lipid-polymer hybrid nanoparticles. <i>International Journal of Nano and Biomaterials</i> , 9, 123-141.	UGC listed
6	Azmana M, Mahmood S, Hilles AR, Mandal UK, Al Japairai KAS, Raman S (2020) Transdermal drug delivery system through polymeric microneedle: A recent update. <i>Journal of Drug Delivery Science and Technology</i> , 101877.	3.981
7	Bhatia A, Goni V, Chopra S, Singh B, Katare OP. (2020) Evaluation of efficacy and safety of a novel lipogel containing diclofenac: A randomized, placebo controlled, double-blind clinical trial in patients with signs and symptoms of osteoarthritis. <i>Contemporary Clinical Trials Communications</i> , 20, 100664.	2.226
8	Baghel DS, Mittal A, Singh S, Chaudhary AK, Bhatia A, Chopra S (2020) In-vitro potential of sapatika tablet in the management of urolithiasis (mutrakrichra) <i>Plant Archives</i> , 20, 1210-1216.	UGC listed
9	Sharma A, Baldi A, Sharma DK (2020) Levofloxacin induced bullous fixed drug eruption: a rare case report. <i>European Journal of Hospital Pharmacy</i> . 29, 95-96.	1.852
10	Sharma A, Baldi A, Sharma DK (2020) Impact of physical activity and type of cooking oil amongst diabetes with co-existing hypertension patients on length of stay and cost of stay: A 1914 patient's study <i>International Journal of Clinical Practice</i> , 75, e14163.	2.503
11	Singh PA, Bajwa N, Naman S, Baldi A (2020) A review on robust computational approaches-based identification and authentication of herbal raw drugs. <i>Letters in Drug Design & Discovery</i> , 17, 1066-1083. <i>Structure and Dynamics</i> , 38, 200-218.	1.15
13	Jamwal S, Elsworth JD, Rahi V, Kumar P (2020) Gene therapy and immunotherapy as promising strategies to combat Huntington's disease- associated neurodegeneration: Emphasis on recent updates and future perspectives <i>Expert Review of Neurotherapeutics</i> 20, 1123-1141.	4.618
14	Khurana B, Arora D, Narang RK (2020) QbD based exploration of resveratrol loaded polymeric micelles based carbomer gel for topical treatment of plaque psoriasis: <i>In vitro</i> , <i>ex vivo</i> and <i>in vivo</i> studies <i>Journal of Drug Delivery Science and Technology</i> 59, 1-15	3.981

15	Thakur V, Jamwal S, Kumar M, Rahi V, Kumar P (2020) Protective effect of hemin against experimental chronic fatigue syndrome in mice: Possible role of neurotransmitters <i>Neurotoxicity Research</i> 38,359-369.	3.911
16	Dadwal A, Mishra N, Rawal RK, Narang RK (2020) Development and characterisation of clobetasol propionate loaded Squarticles as a lipid nanocarrier for treatment of plaque psoriasis <i>Journal of Microencapsulation</i> 37,341-354.	2.287
17	Rana A, Singh S, Deshmukh R, Kumar A (2020) Pharmacological potential of tocopherol and doxycycline against traumatic brain injury- induced cognitive/motor impairment in rats. <i>Brain Injury</i> 34,1039-1050.	1.69
18	Pathania S, Rawal RK (2020) Green synthetic strategies toward thiazoles: A sustainable approach <i>Chemistry of Heterocyclic Compounds</i> 56,445-454.	1.277
19	Pathania S, Rawal RK (2020) An update on chemical classes targeting ERK1/2 for the management of cancer <i>Future Medicinal Chemistry</i> 12,593-611.	3.969
20	Chaudhary M, Kumar N, Baldi A, Babu MA, Madan J (2020) 4-Bromo-4'-chloro pyrazoline analog of curcumin augmented anticancer activity against human cervical cancer, HeLa cells: In silico-guided analysis, synthesis, and <i>in vitro</i> cytotoxicity. <i>Journal of Biomolecular Structure and Dynamics</i> 38,1335-1353.	3.392
21	Baldi A, Bansal PK (2020) Traditional and herbal medicines: Understanding & exploration (part II). <i>Current Traditional Medicine</i> 6, 258 - 259	0.5
22	Kushawaha SK, Raj N, Sinha M, Kumar P, Ashawat MS (2020) Nipah virus and its outbreaks in tropical areas. <i>Research Journal of Pharmacy and Technology</i> 13,491	1.203
23	Pathania S, Bansal P, Gupta P, Rawal RK (2020) Genus calotropis: A hub of medicinally active Phytoconstituents <i>Current Traditional Medicine</i> 6, 312 - 331	0.5
24	Singh A, Kaur K, Mandal UK, Narang RK (2020) Nanoparticles as budding trends in colon drug delivery for the management of ulcerative colitis <i>Current Nanomedicine</i> 10, 225 - 247	5.307
25	Khurana B, Arora D, Narang RK (2020) Fbd supported development and <i>in vitro</i> evaluation of carbomer based resveratrol loaded topical antipsoriatic nanoemulgel for its targeted skin delivery <i>Pharmaceutical Nanotechnology</i> 8,91- 107	2.692
	2021	
1	Singh A, Mandal UK, Narang RK (2021) Development and characterization of enteric coated pectin pellets containing mesalamine and <i>Saccharomyces boulardii</i> for specific inflamed colon: <i>In vitro</i> and <i>in vivo</i> evaluation. <i>Journal of Drug Delivery</i>	3.981

	<i>Science and Technology</i> , 62, 102393.	
2	Kumari S, Deshmukh R (2021) β -lactam antibiotics to tame down molecular pathways of Alzheimer's disease. <i>European Journal of Pharmacology</i> , 895,173877.	4.432
3	Machhi J, Shahjin F, Das S, Patel M, Abdelmoaty MM, Cohen JD, Singh PA, Baldi A, Bajwa N, Kumar R. Vora LK (2021) Nanocarriervaccines for SARS-CoV-2. <i>Advanced Drug Delivery Reviews</i> ,171,215-239.	15.47
4	Machhi J, Shahjin F, Das S, Patel M, Abdelmoaty, MM Cohen, JD, Singh PA, Baldi A, Bajwa N, Kumar R, Vora LK (2021) A role for extracellular vesicles in SARS-CoV-2 therapeutics and prevention. <i>Journal of Neuroimmune Pharmacology</i> , 16,270-288.	4.147
5	Singh PA, Bajwa N, Baldi A (2021) Possiblerole of traditional systems of medicine to manage COVID-19: A review. <i>Israel Journal ofPlant Sciences</i> , 1, 1-26.	0.721
6	Sharma A, Baldi A, Kumar Sharma D (2021) Economic costs of hospitalisation and length of stay in diabetes with coexisting hypertension with correlation to laboratory investigations: Where does India stand? A 5 year ground report. <i>International Journal of Clinical Practice</i> , 75, e13990.	2.503
7	Sharma A, Baldi A, Kumar Sharma D (2021) How to spot COVID 19 patients: Speech & sound audio analysis for preliminary diagnosis of SARS COV 2 corona patients. <i>International Journal of Clinical Practice</i> , 75, e14134.	2.503
8	Kumar M, Devi A, Sharma M, Kaur P, Mandal UK (2021) Review on perfume and present status of its associated allergens <i>Journal of Cosmetic Dermatology</i> , 20, 391-399.	2.696
9	Kumar B, Singh SK, Prakash T, Bhatia A, Gulati M, Garg V, Pandey NK, Singh S Melkani I (2021) Pharmacokinetic and pharmacodynamic evaluation of Solid self-nanoemulsifying delivery system (SSNEDDS) loaded withcurcumin and duloxetine in attenuation of neuropathic pain in rats. <i>NeurologicalSciences</i> , 42, 1785-1797.	3.307
10	Sharma A, Baldi A, Kumar Sharma D (2021) Economic costs of hospitalization and length of stay in diabetes with coexisting hypertension with correlation to laboratory investigations:Where does India stand? A 5-year ground report. <i>International Journal of Clinical Practice</i> , 75, 13990.	2.503
11	Naman S, Madhavi N, Singh B, Madan J, Baldi A (2021) Implementing risk-based quality by design for development and optimization of flavored oral disintegrating mini tablets. <i>Journal of Drug Delivery Science and Technology</i> 66,102799.	3.981
12	Singh PA, Sood A , Baldi, A. (2021)Determining constraints in medicinal plants adoption: A model geospatial study in the Indian	3.400

	state of Punjab <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 25,100342.	
13	Singh SP, Amar S, Gehlot P, Kanwar N, Kanwal A (2021) Mitochondrial modulations, autophagy pathways shifts in viral infections: Consequences of COVID-19 <i>International Journal of Molecular Sciences</i> , 22,8180.	5.923
14	Behl T, Kumar S, Sehgal A, Cseppento DC, Bungau S (2021) Rice bran, an off-shoot to newer therapeutics in neurological disorders. <i>Biomedicine and Pharmacotherapy</i> ,140,111796.	6.529
15	Kumar P, Kumar M, Bedi O, Sharma S, Jamwal, S (2021) Role of vitamins and minerals as immunity boosters in COVID-19. <i>Inflammopharmacology</i> ,29(4),1001-1016	4.473
16	Oo MK, Mahmood S, Wui WT, Mandal UK, Chatterjee B (2021) Effects of different formulation methods on drug crystallinity, drug-carrier interaction, and <i>ex vivo</i> permeation of a ternary solid dispersion containing nisoldipine. <i>Journal of Pharmaceutical Innovation</i> , 16, 26-37.	2.750
17	Rahi V, Kumar P (2021) Animal models of attention-deficit hyperactivity disorder (ADHD) <i>International Journal of Developmental Neuroscience</i> , 81,107-124.	2.457
18	Rahi V, Jamwal S, Kumar P (2021)Neuroprotection through G-CSF: Recent advances and future viewpoints. <i>Pharmacological Reports</i> , 73,372-385.	3.024
19	Bag P, Maurya RK, Dadwal A, Narang RK, Kumar B (2021) Recent development in synthesis of carbon dots from natural resources and their applications in biomedicine and multi-sensing platform. <i>Chemistry Select</i> 6,2774-2789.	2.109
20	Baghel DS, Mittal A, Singh S, Chaudhary AK, Bhatia A (2021) Formulation and <i>evaluation of in vitro</i> potential of punarnava ghan tablet against urolithiasis (Mutrakrichra). <i>Research Journal of Pharmacy and Technology</i> , 14,1469-1476.	-----
21	Kevadiya BD, Machhi J, Herskovitz J, Chang L, Gendelman HE (2021) Pharmacotherapeutics of SARS-CoV-2 Infections. <i>Journal of Neuroimmune Pharmacology</i> , 16,12-37.	4.147
22	Kumar S, Behl T, Sachdeva M, Yadav HN, Bungau S (2021) Implicating the effect ofketogenic diet as a preventive measure to obesityand diabetes mellitus <i>Life Sciences</i> , 264,118661.	5.037
23	Pathania S, Singh PK, Narang RK, Rawal RK (2021) Identifying novel putative ERK1/2inhibitors via hybrid scaffold hopping –FBDDapproach. <i>Journal of Biomolecular Structure and Dynamics</i> (Articl In Press)10.1080/07391102.2021.1889670	
24	Kaur A, Jaiswal G, Brar J, Kumar P (2021)Neuroprotective effect of nerolidol in traumatic brain injury associated behavioural	3.524

	comorbidities in rats. <i>Toxicology Research</i> , 10, 40-50.	
25	Pathania S, Singh PK, Narang RK, Rawal RK (2021) Structure based designing of thiazolidinone-pyrimidine derivatives as ERK2 inhibitors: Synthesis and <i>in vitro</i> evaluation. <i>SAR and QSAR in Environmental Research</i> , 32, 793-816.	3.000
26	Bagri K, Kumar P, Deshmukh R (2021) Neurobiology of traumatic brain injury. <i>Brain Injury</i> , 35,1113-1120.	2.311
27	Sharma A, Baldi A, Sharma D (2021) Impact of physical activity and cooking oil amongst diabetes with coexisting hypertension patients on economic cost and length of stay: A 1914 patient's observational study. <i>International Journal of Clinical Practice</i> , 75, e14163.	2.503
28	Dadwal A, Mishra N, Narang RK (2021) Development and characterization of a clobetasol propionate nanostructured lipid carrier-based gel for the treatment of plaque psoriasis. <i>Current Molecular Pharmacology</i> , 14, 399-411.	3.339
29	Kumar S, Kumar P (2021) The beneficial effect of rice bran extract against rotenone- induced experimental parkinson's disease in rats. <i>Current Molecular Pharmacology</i> , 14, 428-438	3.339
30	Kumar S, Baldi A, Sharma DK (2021) <i>In vitro</i> antioxidant assay guided <i>ex vivo</i> investigation of cytotoxic effect of phytosomes assimilating taxifolin rich fraction of cedrus deodara bark extract on human breast cancer cell lines (MCF7). <i>Journal of Drug Delivery Science and Technology</i> , 63,102486.	3.981
31	Mahmood S, Chatterjee B, Mandal UK (2021) Pharmacokinetic evaluation of the synergistic effect of raloxifene loaded transfersomes for transdermal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 63,102545.	3.981
32	Sethi S, Choudhary S, Sharma D, Baldi A, Madan NK MJ (2021) Armamentarium of anticancer analogues of curcumin: Portray of structural insight, bioavailability, drug-target interaction and therapeutic efficacy. <i>Journal of Molecular Structure</i> , 1231,129691.	3.196
33	Kevadiya BD, Machhi J, Herskovitz J, Oleynikov J, Blomberg WR, Bajwa N, Soni D, Das S, Hasan M, Patel M, Senan AM, Gorantla S, McMillan, J, Edagwa B, Eisenberg R, Gurumurthy CB, Reid SM, Punyadeera C, Chang L, Gendelman HE (2021) Diagnostics for SARS-CoV-2 infections <i>Nature Materials</i> , 20(5), 593-605.	43.841
34	Singh PA, Sood A, Baldi A (2021) An agro- ecological zoning model highlighting potential growing areas for medicinal plants in Punjab. <i>Indian Journal of Pharmaceutical Education and Research</i> , 55, s492-s500.	-----
35	Baghel DS, Mittal, A, Singh S, Bhatia A, Chopra S (2021)	-----

	Formulation, evaluation and assessment of <i>in vitro</i> potential of Gokshur Ghan tablet against urolithiasis (Mutrakrichra). <i>Research Journal of Pharmacy and Technology</i> 14, 1945-1952.	
--	--	--