



ISF College of Pharmacy (An Autonomous College)
NAAC Accredited "A" Grade College
GT Road, Ghal-Kalan, MOGA-142 001 (Pb.)
Affiliated to IK Gujral Punjab Technical University, Jalandhar (Pb.)



Publications: International and National (Year 2022)

Publication: Jan. 2022 to 30 June 2022

PARTICULAR	NUMBER OF PAPER PUBLISHED	PEER REVIEWED	IMPACT FACTOR	HIGHEST IF	NAME OF JOURNAL
Research Papers Published in International Journal	21	21	78.03	9.47	British Journal of Pharmacology
Review Papers Published in International Journal	37	37	144.07	11.18	Critical Reviews in Food Science and Nutrition
Research Papers Published in National Journal	1	1	0.00	0.00	NA
Review Papers Published in National Journal	0	0	0.00	0.00	NA
Total	59	59	222.1	-	-
Average IF			3.76		



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International Research Papers

S.No.	Title	Author	Journal Name	Year	Indexed/No - Indexed	Impact Factor	ISSN No.	Department
1.	Resveratrol attenuates behavioural impairment associated with learning and memory in HFD-STZ induced diabetic rats	Amrita Singh and Bodakhe SH	British Journal of Pharmacology	2022	Indexed	9.47	0007-1188	Pharmacology
2.	Design, Synthesis and Pharmacological Evaluation of N-Propargylated Diphenylpyrimidines as Multi-target Directed Ligands for the Treatment of Alzheimer's Disease	Bhupinder Kumar, Ashish Ranjan Dwivedi, Tania Arora, Khadga Raj, Vikash Prashar, Vijay Kumar, Shamsher Singh, Jyoti Parkash, Vinod Kumar,	Medicinal Chemistry Research	2022	Indexed	5.7	1948-7193	Pharmaceutical Chemistry
3.	Wnt/ β -catenin antagonist pyrvinium rescues high dose isoproterenol induced cardiotoxicity in rats: Biochemical and immunohistological evidences	Shriyansh Srivastava Shubham Yadav Gaaminepreet Singh aShamsher Singh	Chemico-biological Interactions	2022	Indexed	5.16	0009-2797	Pharmacology
4.	Oxymatrine Protects TGF β 1-Induced Retinal Fibrosis in an	Das A, Kashyap O, Amrita Singh Shree	Frontiers in Medicine	2022	Indexed	5.09	2296-858X	Pharmacology



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	Animal Model of Glaucoma	J, Namdeo KP, Bodakhe SH						
5.	Natural bio functional lipids containing solid self-microemulsifying drug delivery system of Canagliflozin for synergistic prevention of type 2 diabetes mellitus	Dilpreet Singh, Neena Bedi, Ashok K Tiwary, Balak Das Kurmi, Sankha Bhattacharya	Journal of Drug Delivery Science and Technology	2022	Indexed	5.00	2588-8943	Pharmaceutics
6.	Activation of IGF-1/GLP-1 Signalling via 4-Hydroxyisoleucine Prevents Motor Neuron Impairments in Experimental ALS-Rats Exposed to Methylmercury-Induced Neurotoxicity	Shandilya A, Mehan S*, Kumar S, et al.	Molecules,	2022	Indexed	4.90	1420-3049	Pharmacology
7.	Involvement of Phytochemical-Encapsulated Nanoparticles' Interaction with Cellular Signalling in the Amelioration of Benign and Malignant Brain Tumours	Mehan S*, Arora N, Bhalla S, et al.	Molecules,	2022	Indexed	4.90	1420-3049	Pharmacology
8.	Guggulsterone Mediated JAK/STAT and PPAR-Gamma Modulation Prevents Neurobehavioral and Neurochemical Abnormalities in Propionic Acid-Induced Experimental Model of Autism	Khera R, Mehan S*, Bhalla S, Kumar S,	Molecules,	2022	Indexed	4.90	1420-3049	Pharmacology
9.	Activation of IGF-1/GLP-1 Signalling via 4-Hydroxyisoleucine Prevents Motor Neuron	Upadhayay S, Mehan S*, Prajapati A, et al.	Genes, MDPI	2022	Indexed	4.10	0364-3190	Pharmacology



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	Impairments in Experimental ALS-Rats Exposed to Methylmercury-Induced Neurotoxicity							
10.	Neuroprotective efficacy of 4-Hydroxyisoleucine in experimentally induced intracerebral hemorrhage	Siddiqui EM, Mehan S*, Upadhayay S,	Saudi Journal of Biological Sciences,	2022	Indexed	4.05	1319-562X	Pharmacology
11.	Design, synthesis and evaluation of piperazine clubbed 1,2,4-triazine derivatives as potent anticonvulsant agents	Karanvir Singh, Rohit Pal, Shah Alam Khan, Bhupinder Kumar, Md Jawaid	Journal of Molecular Structure.	2022	Indexed	3.8	0022-2860	Pharmaceutical Chemistry
12.	Structural aspects of triazole derivatives as HSP90 inhibitors for the treatment of cancer: in silico studies	Shubham Dhiman, Moumita Saha, Amena Ali, Abuzer Ali, GD Gupta, Vivek Asati	Journal of Biomolecular Structure and Dynamics	2022	Indexed	3.39	1538-0254	Pharmaceutical Chemistry
13.	Smo-Shh Agonist Purmorphamine Prevents Neurobehavioral and Neurochemical Defects in 8-OH-DPAT-Induced Experimental Model of Obsessive-Compulsive Disorder	Gupta R., Mehan S*, Sethi P, Prajapati A,	Brain Sciences,	2022	Indexed	3.33	0767-0974	Pharmacology
14.	Pharmacokinetics and toxicity profiling of 4-(methylthio)butyl isothiocyanate with special reference to pre-clinical safety assessment studies	Prabhjot Kaur, DavinderSingh, GurdeepSingh, ShivaniAttri, DilpreetSingh, Manisha Sharma,	Toxicon	2022	Indexed	3.03	1879-3150	Pharmaceutics



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		Harpal Singh Buttar, Neena Bedi, Balbir Singh, Saroj Arora						
15.	Neuroprotective Effect of Chrysophanol as a PI3K/AKT/mTOR Signaling Inhibitor in an Experimental Model of Autologous Blood-induced Intracerebral Hemorrhage	Jadaun K. S, Mehan S*, Sharma A, Siddiqui E. M,	Current Medical Science	2022	Indexed	2.64	2096-5230	Pharmacology
16.	Quercetin ameliorates lipopolysaccharide-induced neuroinflammation and oxidative stress in adult zebrafish	Sukhdev Singh, Kuleshwar Sahu, Lakshay Kapil, Charan Singh & Arti Singh	<i>Molecular Biology Reports</i>	2022		2.31	0301-4851	Pharmacology
17.	Design, synthesis, and pharmacological evaluation of aryl oxadiazole linked 1,2,4-triazine derivatives as anticonvulsant agents	Gourav Grover, Rohit Pal, Rohit Bhatia, Rajarshi Nath, Shamsher Singh, Khadga Raj, Bhupinder Kumar, Md Jawaid Akhtar	Medicinal Chemistry Research	2022	Indexed	2.30	1054-2523	Pharmaceutical Chemistry



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18.	Protective effects of apigenin on methylmercury-induced behavioral/neurochemical abnormalities and neurotoxicity in rats.	Mehan S*, Bhalla S, Siddiqui E. M, Et al.,	Human & experimental toxicology,	2022	Indexed	2.17	0960-3271	Pharmacology
19.	Gaussian field-based comparative 3D QSAR modelling for the identification of favourable pharmacophoric features of chromene derivatives as selective inhibitors of ALR2 over ALR1	Sant Kumar Verma, Niraj Kumar, Suresh Thareja	Structural chemistry	2022	Indexed	1.79	1572-9001	Pharmaceutical Chemistry
20.	Effect of alpha-mangostin in the prevention of behavioral and neurochemical defects in methylmercury-induced neurotoxicity in experimental rats	Sahu R, Mehan S*, Kumar S, Prajapati A,	Toxicology Reports,	2022	Indexed	0.00	2214-7500	Pharmacology
21.	Computational approaches for the design of novel dopamine D2 and serotonin 5-HT _{2A} receptor dual antagonist towards schizophrenia	Akash Rathore, Vivek Asati, Mitali Mishra, Ratnesh Das, Varsha Kashaw, Sushil Kumar Kashaw	Journal of Biomolecular Structure and Dynamics	2022	Indexed	0.00	2193-9616	Pharmaceutical Chemistry



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International Review Paper

S.No.	Title	Author	Journal Name	Year	Indexed/No n- Indexed	Impact Factor	ISSN No.	Department
1.	Compendium of naringenin: Potential sources, analytical aspects, chemistry, nutraceutical potentials and pharmacological profile	Rohit Bhatia, Sukhwinder Singh, Alok Sharma, Vikramdeep Monga.	Critical Reviews in Food Science and Nutrition	2021	Indexed	11.18	1040-8398	Pharmaceutical Chemistry
2.	Inside the: Diabetic brain: Insulin resistance and molecular mechanism associated with cognitive impairment and its possible therapeutic strategies	Dutta BJ, Singh S, Seksaria S, Gupta GD, Amrita Singh	Pharmacological Research	2021	Indexed	10.33	1043-6618	Pharmacology
3.	What happens in TBI? A wide talk on animal models and future perspective	Satyabrata Kundu Shamsher Singh	Current Neuropharmacology	2021	Indexed	7.36	1570-159X	Pharmacology
4.	Mechanisms of Mitochondrial Malfunction in Alzheimer's Disease: New Therapeutic Hope.	Nabi SU, Khan A, Mehan S	Oxidative Medicine and Cellular Longevity,	2021	Indexed	7.31	1942-0994	Pharmacology
5.	Nipecotic acid as potential lead molecule for the development of GABA uptake inhibitors; structural insights and design strategies	Karanvir Singh, Piyush Kumar, Rohit Bhatia, Vipasha Mehta, Bhupinder Kumar, Md. Jawaid	European Journal of Medicinal Chemistry	2022	Indexed	7.00	0223-5234	Pharmaceutical Chemistry



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		Akhtar						
6.	Bioactive Flavonoids: A Comprehensive Review on Pharmacokinetics and Analytical Aspects	Koushal Billowria, Rouchan Ali, Naresh Kumar Rangra, Ram Kumar, Pooja A. Chawla	Critical Reviews in Analytical Chemistry	2022	Indexed	6.53	2073-4425	Pharmaceutical Chemistry
7.	Potential role of IP3/Ca ²⁺ signaling and phosphodiesterases: Relevance to neurodegeneration in Alzheimer's disease and possible therapeutic strategies	Bhaskar Jyoti Dutta Shamsher Singh Sanket Seksaria Amrita Singh	Biochemical Pharmacology	2021	Indexed	5.85	0006-2952	Pharmacology
8.	Role of JAK-STAT and PPAR-Gamma Signalling Modulators in the Prevention of Autism and Neurological Dysfunctions	Khera R., Mehan, S*, Kumar S, Et al	Molecular Neurobiology,	2021	Indexed	5.68	0893-7648	Pharmacology
9.	Water toxicants: a comprehension on their health concerns, detection, and remediation	Saptarshy Sarkar, Sukhbir Singh Gill, Ghanshyam Das Gupta, Sant Kumar Verma	Environmental Science and Pollution Research	2021	Indexed	5.19	61547-61766	Pharmaceutical Chemistry
10.	The growing concern of chlorpyrifos exposures on human and environmental health	Nilay Kumar Nandi, Akshun Vyas, Md Jawaid Akhtar, Bhupinder Kumar	Pesticide Biochemistry and Physiology	2022	Indexed	4.90	0048-3575	Pharmaceutical Chemistry
11.	Recent Update on Bacteria as a Delivery Carrier in Cancer Therapy: From Evil to Allies	Manisha Pandey Pooja A Chawla, Mohd Cairul Iqbal	Pharmaceutical Research	2021	Indexed	4.58	1573-904X	Pharmaceutical Chemistry



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		Mohd Amin						
12.	Multi-Target-Directed Ligands as an Effective Strategy for the Treatment of Alzheimer's Disease	Bhupinder Kumar, Amandeep Thakur, Ashish Ranjan Dwivedi, Rakesh Kumar, Vinod Kumar	Current Medicinal Chemistry	2022	Indexed	4.10	0929-8673/1875-533X	Pharmaceutical Chemistry
13.	HDAC11: A novel inflammatory biomarker in Huntington's disease	Vishal Kumar, Simranjit Kaur, and Arti Singh	Excli Journal Experimental and clinical sciences			4.01	1611-2156	Pharmacology
14.	Activation of SIRT-1 Signalling in the Prevention of Bipolar Disorder and Related Neurocomplications: Target Activators and Influences on Neurological Dysfunctions	Rajkhowa B, Mehan S*, Sethi P, & Prajapati A.	Neurotoxicity Research, s	2021	Indexed	3.97	1029-8428	Pharmacology
15.	Recent Advances in PI3 Kinase Inhibitors: Anticancer Activities and Structure-Activity Relationships	Vivek Asati, Arjun Anant, Debarshi K Mahapatra, Sanjay Kumar Bharti	Mini Reviews in Medicinal Chemistry	2021	Indexed	3.86	1389-5575	Pharmaceutical Chemistry
16.	Recent updates of Indole derivatives as kinase inhibitors in the treatment of cancer	Vivek Asati, Ritu Bhupal, Sushant Bhattacharya, Kamalpreet Kaur, GD Gupta, Abhishek Pathak, Debarshi Kar Mahapatra	Anti-cancer Agents in Medicinal Chemistry	2021	Indexed	3.86	1389-5575	Pharmaceutical Chemistry



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17.	In-silico studies for the development of novel RET inhibitors for cancer treatment	Sushanta Bhattacharya, Vivek Asati, Amena Ali, Abuzer Ali, GD Gupta	Journal of Molecular Structure	2021	Indexed	3.84	0022-2860	Pharmaceutics
18.	Discovery and Development of Antibacterial Agents: Fortuitous and Designed.	Ravleen Kaur, Pooja Rani, Bhupinder Kapoor, Monica Gulati,* Pooja Chawla	Mini Reviews in Medicinal Chemistry	2021	Indexed	3.82	1389-5575	Pharmaceutical Chemistry
19.	Computational Design of Molecularly Imprinted Polymers in Drug Delivery Systems: A Comprehensive Review	Gurpreet Singh, Pooja A Chawla, Abdul Faruk, Viney Chawla, Anmoldeep Kaur	Current Drug Delivery	2021	Indexed	3.75	1875-5704	Pharmaceutical Chemistry
20.	Development and characterization of Hyaluronic acid surface scaffolds Encorafenib loaded polymeric Nanoparticles for colorectal cancer targeting	Sankha Amalkrishna Bhattacharya, Dilpreet Singh, Jyotirmoi Aich, Ajazuddin Ajaz, Meghanath B. Shete	Material Today Communications	2021	Indexed	3.60	2352-4928	Pharmaceutics
21.	Natural antioxidants as additional weapons in fight against malarial parasite	Sharma Arvind Virendra, Chandrakant Sahu, Ankur Kumar, Pooja A Chawla	Current Topics in Medicinal Chemistry	2021	Indexed	3.57	1568-0266	Pharmaceutical Chemistry
22.	Medicinal Attributes of Heterocyclic Compounds in Rheumatoid Arthritis: Recent Developments and SAR	Vikram Jeet Singh, Bharti Sharma, Pooja A Chawla*	Current Topics in Medicinal	2021	Indexed	3.57	1568-0266	Pharmaceutical Chemistry



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	Studies		Chemistry					
23.	Recent Progress in Histone deacetylase (HDAC) 1 Inhibitors as Anticancer Agent.	Preeti Patel, Simranpreet K Wahan, S Vishakha, Balak Das Kurmi, Ghanshyam Das Gupta, Harish Rajak, Vivek Asati	Current Cancer Drug Targets	2021	Indexed	3.42	1568-0096	Pharmaceutical Chemistry
24.	A review on pathophysiological aspects of Sleep Deprivation	Shelly Agrawal, Vishesh Singh, Charan Singh, Arti Singh	CNS Neurol Disord Drug Targets			3.27	1871-5273	Pharmacology
25.	A Review on the Arylpiperazine Derivatives as Potential Therapeutics for the Treatment of Various Neurological Disorders	Bhupinder Kumar, Naveen Kumar, Amandeep Thakur, Vijay Kumar, Rakesh Kumar and Vinod Kumar	Current Drug Targets	2022	Indexed	2.91	1873-5592	Pharmaceutical Chemistry
26.	A Review on the Neuroprotective Effect of Berberine against Chemotherapy-induced Cognitive Impairment	Kuleshwar Sahu, Sukhdev Singh, Bhawna Devi, Charan Singh, Arti Singh	Current Drug Targets			2.91	18735592	Pharmacology
27.	Tivozanib: A new hope of treating renal cell carcinoma,	Indu Passi, Koushal Billowria, Bhupinder Kumar, Pooja A.	Anticancer Agents Med Chem	2022	Indexed	2.50	18715206, 18755992	Pharmaceutical Chemistry



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		Chawla						
28.	Structural Aspects of mTOR Inhibitors: In Progress to Search Potential Compounds.	Kamalpreet Kaur, Arjun Anant, Vivek Asati	Anti-cancer Agents in Medicinal Chemistry	2021	Indexed	2.50	1871-5206	Pharmaceutical Chemistry
29.	Prospects of Treating Prostate Cancer through Apalutamide: A Mini-Review	Ranapartap Singh, Singh, Pooja A. Chawla, Ravindra Kumar Rawal	Anticancer agents in Medicinal Chemistry	2021	Indexed	2.50	1871-5206	Pharmaceutical Chemistry
30.	Paper-based microfluidic devices: Fabrication, detection, and significant applications in various fields.	Shibam Das, Gagandeep, Rohit Bhatia	Reviews in Analytical Chemistry	2021	Indexed	2.45	2191-0189	Pharmaceutical Chemistry
31.	A Mini-Review On Simultaneous Quantification Of Active Pharmaceutical Ingredients By Uv And Quality By Design Assisted Hplc Method	Geeta Rajput, Preeti Patel, Ghanshyam Das Gupta, Balak Das Kurmi	Current Analytical Chemistry	2021	Indexed	1.89	1875-6727	Pharmaceutical Chemistry
32.	Recent Progress in Histone Deacetylase (HDAC) 1 Inhibitors as Anticancer Agent	Preeti Patel, Simranjeet Kaur Wahan, S Vishakha, Balak Das Kurmi, Ghanshyam Das Gupta, Harish Rajak, Vivek Asati	Pharmaceutical Chemistry	2021	Indexed	1.06	1875-533X	Pharmaceutical Chemistry
33.	Iron Oxide Nano Particles and its Applications to Cure HER2-Positive Mediated Breast Cancer	Dilpreet Singh, Balak Das Kurmi, GS Sarma, Sankha	Current Nanomedicine	2021	Indexed	0.80	2468-1881	Pharmaceutics



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		Amalkrishna Bhattacharya, Sanjay Nagdev						
34.	Potential Roles of Glucagon-Like Peptide-1 and Its Analogues in Dementia Targeting Impaired Insulin Secretion and Neurodegeneration	Mehan S*, Bhalla S, Siddiqui EM,	Degenerative neurological and neuromuscular disease,	2021	Indexed	0.00	1179-9900	Pharmaceutical Chemistry
35.	Quality by design assisted high-performance liquid chromatography parameters for simultaneous estimation of simvastatin and fenofibrate	Geeta Rajput, Preeti Patel, Dilpreet Singh, Vivek Asati, Balak Das Kurmi	Separation Science Plus	2021	Indexed	0.00	1875-6727	Pharmaceutical Chemistry
36.	An analytical review for the estimation of montelukast sodium	Arjun Anant, Moumita Saha, Shubham Dhiman, Priti Singh, Balak Das Kurmi, Ghanshyam Das Gupta, Vivek Asati	Separation Science Plus	2021	Indexed	0.00	2573-1816	Pharmaceutical Chemistry
37.	Nano-Biosensors from Agriculture to Nextgen Diagnostic Tools	Deepika Sharma, Ghanshyam Teli, Komal Gupta, Garima Bansal, Ghanshyam Das Gupta, Pooja A. Chawla	Current Nanomaterials	2021	Indexed	0.00	2405-4623	Pharmaceutical Chemistry



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National Research Paper

S.No.	Title	Author	Journal Name	Year	Indexed/No - Indexed	Impact Factor	ISSN No.	Department
1.	Cost Variation Analysis of Oral Anti-Diabetic Drugs Currently Available in the Indian Pharmaceutical Market	Khadga Raj Shamsher Singh G D Gupta *	Natural Products Chemistry & Research	2021	Indexed	0	-	Pharmacology



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Book Chapters

S.No.	Author	Title	International/ National Publisher	Year	DOI number
3.	Rohit Bhatia	Impact of Coumarin Hybrids upon Imperative Clinical Targets against Cancer	International	2021	10.5772/intechopen.100315
4.	Rohit Bhatia	Protein Kinases as Promising Targets for Drug Design against Cancer	International	2022	10.2174/9789815040043122020005
5.					