

PUBLICATIONS (HIGH IMPACT FACTOR JOURNALS-INDICATIVE LIST)

Title	Author	Journal	ISSN/ISBN No.	Volume/ Issue	Page No.	Year	DOI/link	Impact factor
Reactive oxygen species mediated apoptotic death of colon cancer cells: therapeutic potential of plant derived alkaloids	Vinod K. Nelson, agusundaram M Nem Kumar Jain, Divya Niranjan, Ankur Agrawal, Arvind Singh Jadon	Frontier in Endocrinology	1664-2392	14	1-21	2023	https://doi.org/10.3389/fendo.2023.1201198	5.2
Development and Characterization of Gel-Based Buccoadhesive Bilayer Formulation of Nifedipine	M. Alagusundaram , Nem Kumar Jain , M. Yasmin Begum, S. Angala Parameswari Vinod Kumar Nelson Mohammad F. Bayan and Balakumar Chandrasekaran	MDPI/ Gel	2310-2861	9/688	1-17	2023	https://doi.org/10.3390/gels9090688	4.6
A comprehensive overview of selective and novel fibroblast growth factor receptor inhibitors as a potential anticancer modality	Nem Kumar Jain, M. Alagusundaram, Balakumar Chandrasekaran	Acta Pharmaceutica	1846-9558	24/1	1-36	2024	https://sciendo.com/article/10.2478/acph-2024-0005	2.8
Integrating network pharmacology with molecular docking to rationalize the ethnomedicinal use of Alchornealaxiflora (Benth.) Pax & K. Hoffm. for efficient treatment of depression	Nem Kumar Jain, M. Alagusundaram, Balakumar Chandrasekaran	Frontier in Pharmacology	1663-9812	15 - 2024	1-25	2024	https://doi.org/10.3389/fphar.2024.1290398	5.8
Therapeutic implications of current Janus kinase inhibitors as anti-COVID agents: A review	Nem Kumar Jain ,Mukul Tailang Balakumar Chandrasekaran	Frontier in Pharmacology	1663-9812	14	1-22	2022	https://doi.org/10.3389/fphar.2023.1135145	5.6
Appraising the therapeutical potentials of Alchornealaxiflora (Benth.) Pax & K. Hoffm., an underexplored medicinal herb: A systematic review	Nem Kumar Jain, Mukul Tailang, Santosh Kumar, Balakumar Chandrasekaran,	Frontier in Pharmacology	1663-9812	13	1-31	2022	https://doi.org/10.3389/fphar.2022.958453	5.6
Standardization, in-silico and in-vivo safety assessment of methanol extract of Ziziphus mauritiana Lam leaves	Mohan Kumar, Ramar Kumarappan Chidambaram, Balakumar Chandrasekaran Ruckmani Kandasamy	Regulatory Toxicology and Pharmacology	1096-0295	131	105144	2022	https://doi.org/10.1016/j.yrtph.2022.105144	3.4

Development of Polymeric-Based Formulation as Potential Smart Colonic Drug Delivery System	Mohammad F. Bayan, Balakumar Chandrasekaran	Polymers	2073-4360	14(17)	3697	2022	https://doi.org/10.3390/polym14173697	5.0
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Patents				
Title	Author	National/International	Year	Application/patent No
Conductivity Tester for Emulsion Characterization	Nem Kumar Jain, M. Alagusundaram	National	2023	389354-001
Reusable Insulin Pen for Injecting Insulin	Dr. Gujjala Sai Sri Harsha	International	2023	6332055
High Performance Liquid Chromatography Apparatus for Quantitative Estimation of Herbal Drugs	Dr. Subodh Kumar Dubey	National	2024	415408-001
Non-Invasive Brain Scanning Device for Neuro Defects Identification	Mrs. Rekha Rani	International	2024	6368831
An Automated Device for Analysis of Particle Size of Powders and Suspensions	Dr. Alok Kumar Soni	International	2024	6367884