

List of Publications for the Year 2024

Sr. No	Name of the author/s	Title of the article/research paper	Name of the journal	Publishing authority	Impact Factor	Citation index
1.	Kuttiappan Anitha, Bhargavi Posinasetty , K. Naveen Kumari , Santenna Chenchula, R. Padmavathi, Satya Prakash, Chikatipalli Radhika	Liquid biopsy for precision diagnostics and therapeutics	Clinica Chimica Acta	Elsevier	6.30	Yes
2.	Santenna Chenchula, Madhu Bhargavi Chandra, Madhu Babu Adusumilli, Sai Nikhila Ghanta, Anusha Bommasani, Anitha Kuttiappan, R. Padmavathi, Krishna Chaitanya Amerneni	Immunogenicity, clinical efficacy and safety of additional second COVID-19 booster vaccines against Omicron and its sub variants: A systematic review	Reviews in Medical Virology	Wiley	11.3	Yes
3.	Sankha Bhattacharya, Preeti Chidambar Sangave, Sateesh Belemkar, Md Meraj Anjum	pH-Sensitive Nanoparticles of Enhanced Epigallocatechin-3- gallate (EGCG) in Colorectal Cancer Therapy	Nanomedicine	Taylor & Francis, Future Medicine	5.5	Yes
4.	Naveen Babu Kilaru, Siva Reddy Challa, Vara Prasad Saka, Tanvija Kodali, Vyshnavi Toleti, Sirisha Koppula	Hepatoprotective activity of herbal extracts and other compounds against acetaminophen-induced	Annals of Phytomedicine	Ukaaz Publications	2.7	Yes

	and Ravindra Babu Pingili	hepatotoxicity by various mechanisms: A narrative review				
5.	Rahul Maheshwari, Piyush Ghode, Mayank Sharma	Lab on chip based self-adjustable liposomes for rapid wound healing: An in depth in vitro, in vivo and higher dose toxicity investigation	Biomaterials Advances	Elsevier B.V	7.9	Yes
6.	Disha Shah, Sankha Bhattacharya, Girdhari Lal Gupta, Ketan Vinayakrao Hatware, Arinjay Jain, Laxmi Manthalkar, Niraj Phatak, Putrevu Sreelaya	D- α -tocopheryl polyethylene glycol 1000 succinate surface scaffold polysarcosine based polymeric nanoparticles of enzalutamide for the treatment of colorectal cancer: In vitro, in vivo characterizations	Heliyon	Elsevier-Cell Press	4	Yes
7.	Junaid Tantray, Akhilesh Patel, Bhupendra G. Prajapati, Sourabh Kosey and Sankha Bhattacharya	The Use of Lipid-based Nanocarriers to Improve Ovarian Cancer Treatment: An Overview of Recent Developments	Current Pharmaceutical Biotechnology	Bentham Science Publishers	2.8	Yes
8.	Sankha Bhattacharya, Sateesh Belemkar and Bhupendra G Prajapati	The Application of Graphene Oxide Nanoarchitectures in the Treatment of Cancer: Phototherapy, Immunotherapy, and the Development of Vaccines	Current Medicinal Chemistry	Bentham Science Publishers	4.1	Yes
9.	Kalpesh Mahajan and Sankha Bhattacharya	The Advancement and Obstacles in Improving the Stability of Nanocarriers for Precision Drug	Current Topics in Medicinal Chemistry	Bentham Science Publishers	3.4	Yes

		Delivery in the Field of Nanomedicine				
10.	Kuttiappan Anitha, Santenna Chenchula, Vijayaraj Surendran, Bhatt Shvetank, Parameswar Ravula, Rhythm Milan, Radhika Chikatipalli, Padmavathi R	Advancing cancer theranostics through biomimetics: A comprehensive review	Heliyon	Elsevier	4	Yes
11.	Bisht, S., Kanwal, S., Gnanamangai, B. M., Singh, S., Mansi, D. B., Kumar, R., Sharma, Mayank & Gupta, Piyush. Kumar	3D-printed nanomedicines for cancer therapy.	Future Science OA,	Informa UK Limited, 5 Howick Place, London, United Kingdom	2.5	Yes
12.	Jineetkumar Gawad , Mayank Sharma, Neelam Kamble, Sanghadeep Gajbhiye and Sunita Ogale	Tuberculosis Patients During COVID-19 in India (2020–2023): A Brief State-of-the-art View	Nature Cell and Science	Cell Nature and Science Publisher Limited,hongkong		Yes
13.	Kunal S. Bagad, Kunal Bacchao, Shashikant B. Bagade , Rakesh D. Amrutkar and Dipak D. Patil	RP-HPLC Estimation of Clobetasol Propionate and Salicylic Acid using Quality by Design Approach	BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA	Oriental Scientific Publishing Company	0.2	Yes

14.	Vishal Sharma, Girdhari Lal Gupta, Manu Sharma	Oxidative Coupling Assembly Induced Bio-engineered Quercetin Microspheres for the Gastroprotective Delivery of Diclofenac Sodium	Current Drug Delivery	Bentham Science Publishers	2.4	Yes
15.	Md Sadique Hussain, Ehssan Moghadam, Pooja Bansal, Harpreet Kaur, Mahamedha Deorari, Waleed Hassan Almalki, Imran Kazmi, Sami I Alzarea, Mahaveer Singh, Neelima Kukreti	Exploring the Oncogenic and Tumor-Suppressive Roles of Circ-ADAM9 in Cancer	Pathology-Research and Practice	Elsevier	2.8	Yes
16.	Piyush Mahajan, Mahesh Palkar, Ravindra Babu Pingili	Drug reactive metabolite-induced hepatotoxicity: a comprehensive review	Toxicology mechanism and methods	Taylor & Francis	3.2	Yes
17.	Harshvardhan Raval and Sankha Bhattacharya	Exploring the Potentials of Hyaluronic Acid-coated Polymeric Nanoparticles in Enhanced Cancer Treatment by Precision Drug Delivery, Tackling Drug Resistance, and Reshaping the Tumour Micro Environment	Current Medicinal Chemistry	Bentham Sciences	4.1	Yes
18.	Krishna Sanka, Prabhakar Reddy Veerareddy & Rajeswara Rao Pragada	Oral pH triggered colon-specific ketoprofen loaded microspheres for the better management of early morning symptoms associated with rheumatoid arthritis. Part I:	Journal of Dispersion Science and Technology	Taylor and Francis	2.2	Yes

		Optimization, in-vitro, and ex-vivo characterization				
19.	Harshvardhan Raval and Sankha Bhattacharya	Early Detection, Precision Treatment, Recurrence Monitoring: Liquid Biopsy Transforms Colorectal Cancer Therapy	Current Cancer Drug Targets	Bentham Sciences	3	Yes
20.	Varsha Rudraradhya, Banala Venkatesh Teja, Dhrubojyoti Mukherjee	Hydroxypropyl methylcellulose/sodium alginate/hydroxyapatite nano biomaterial enriched with zinc to promote bone tissue augmentation	Journal of Molecular Structure	Elsevier	3.8	Yes
21.	Monika Sharma, Ankur Kumar Tanwar, Paresh Kumar Purohit, Pankaj Pal, Devendra Kumar, Sandeep Vaidya, Santosh Kumar Prajapati, Aadesh Kumar, Nidhi Dhama, Sokindra Kumar, Sukesh Kumar Gupta	Regulatory roles of microRNAs in modulating mitochondrial dynamics, amyloid beta fibrillation, microglial activation, and cholinergic signaling: Implications for Alzheimer's disease pathogenesis	Neuroscience and Biobehavioral Reviews	Elsevier	8.2	Yes
22.	Jayesh Patil Datta Maroti Pawde Sankha Bhattacharya* · Sauarbh Srivastava	Phospholipid Complex Formulation Technology for Improved Drug Delivery in Oncological Settings: a Comprehensive Review	AAPS PharmSciTech is an official journal of the American Association of Pharmaceutical Scientists	Springer Nature	3.3	Yes

23.	Tanvi Dayanand Pingale, Girdhari Lal Gupta	Oleanolic acid-based therapeutics ameliorate rotenone-induced motor and depressive behaviors in parkinsonian male mice via controlling neuroinflammation and activating Nrf2-BDNF-dopaminergic signaling pathways	Toxicology mechanisms and methods	Taylor & Francis	3.2	Yes
24.	Anirudh Padiyar, R.K Maheshwari	Formulation Development and In Vitro Evaluation of Diclofenac Sodium Injection for Pain Management	Indian Journal of Pharmaceutical Science	MedKnow Publisher	0.97	Yes
25.	Priyanshu Bhadane , Krishnashish Roul , Sateesh Belemkar, Devendra Kumar	Immunotherapeutic approaches for Alzheimer's disease: Exploring active and passive vaccine progress	Brain Research	ELSEVIER	2.9	Yes
26.	Tanvi Dayanand Pingale, Girdhari Lal Gupta	Oleanolic acid-based therapeutics ameliorate rotenone-induced motor and depressive behaviors in parkinsonian male mice via controlling neuroinflammation and activating Nrf2-BDNF-dopaminergic signaling pathways	Toxicology mechanisms and methods https://doi.org/10.1080/15376516.2023.2288198	Taylor & Francis	3.2	Yes
27.	Sankha Bhattacharya*, Amit Page a, Prafull Shinde b	Capecitabine loaded potato starch-chitosan nanoparticles: A novel approach for targeted therapy and improved outcomes in aggressive colon cancer	European Journal of Pharmaceutics and Biopharmaceutics	Elsevier	4.9	Yes

28.	Darshan Bhirud Sankha Bhattacharya* Bhupendra G. Prajapati	Bioengineered carbohydrate polymers for colon-specific drug release: Current trends and future prospects	Journal of Biomedical Materials Research Part A	Wiley	4.9	Yes
29.	Rahul Maheshwari, Mayank Sharma	EpCAM aptamer integrated graphene nanosystem for combined anti-ovarian cancer therapy	Journal of Drug Delivery Science and Technology	Elsevier B.V.(Science direct)	5	Yes
30.	Rahul Maheshwari, Mayank Sharma , Vijay R. Chidrawar	Niosomes based formulation containing tenoxicam: A newer solution for the rheumatic diseases	Annales Pharmaceutiques Françaises	Elsevier B.V. (Science direct)	1.3	Yes
31.	Umesh Atneriya , Jitendra Sainy , Vijay R. Chidrawar , Mayank Sharma , Rahul Maheshwari	D-optimal mixture design inspired modified release tablet formulation of lamotrigine for the treatment of seizures: An in-depth characterization	Annales Pharmaceutiques Françaises	Elsevier B.V. (Science direct)	1.3	Yes
32.	Mansi V. Chaudhari, Ujwal Chaudhari, Jagdish K. Sahu and Shashikant B. Bagade	Stability Indicating Method Development and Validation for the Estimation of Bempedoic Acid by RP- HPLC	Drug Metabolism and Bioanalysis Letters	Bentham Sciences	--	Yes