

Mirza Muhammad Faran Ashraf Baig

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,227
citations

471061

17
h-index

414034

32
g-index

62
all docs

62
docs citations

62
times ranked

1316
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan oligosaccharide (COS): An overview. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 827-843.	3.6	313
2	TRPM8 channels: A review of distribution and clinical role. <i>European Journal of Pharmacology</i> , 2020, 882, 173312.	1.7	58
3	Biomarkers of pyrethroid toxicity in fish. <i>Environmental Chemistry Letters</i> , 2019, 17, 945-973.	8.3	51
4	Mitochondria-dependent apoptosis in triptolide-induced hepatotoxicity is associated with the Drp1 activation. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 124-133.	1.3	41
5	Vildagliptin loaded triangular DNA nanospheres coated with eudragit for oral delivery and better glycemic control in type 2 diabetes mellitus. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1250-1258.	2.5	39
6	Anticancer natural medicines: An overview of cell signaling and other targets of anticancer phytochemicals. <i>European Journal of Pharmacology</i> , 2020, 888, 173488.	1.7	39
7	Chronic prostatitis/chronic pelvic pain syndrome and prostate cancer: study of immune cells and cytokines. <i>Fundamental and Clinical Pharmacology</i> , 2020, 34, 160-172.	1.0	35
8	pH-Dependent Slipping and Exfoliation of Layered Covalent Organic Framework. <i>Chemistry - A European Journal</i> , 2020, 26, 12996-13001.	1.7	35
9	Drinking-water nitrate and cancer risk: A systematic review and meta-analysis. <i>Archives of Environmental and Occupational Health</i> , 2022, 77, 51-67.	0.7	33
10	Pharmacological effects and potential therapeutic targets of DT-13. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 255-263.	2.5	31
11	A DNA Nanodevice Simultaneously Activating the EGFR and Integrin for Enhancing Cytoskeletal Activity and Cancer Cell Treatment. <i>Nano Letters</i> , 2019, 19, 7503-7513.	4.5	30
12	Experimental rodent models of chronic prostatitis and evaluation criteria. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1894-1901.	2.5	27
13	Clinical evaluation of carcinoembryonic and carbohydrate antigens as cancer biomarkers to monitor palliative chemotherapy in advanced stage gastric cancer. <i>Current Problems in Cancer</i> , 2019, 43, 5-17.	1.0	24
14	Design, synthesis and evaluation of DNA nano-cubes as a core material protected by the alginate coating for oral administration of anti-diabetic drug. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 805-814.	0.9	23
15	DNA scaffold nanoparticles coated with HPMC/EC for oral delivery. <i>International Journal of Pharmaceutics</i> , 2019, 562, 321-332.	2.6	21
16	Denatured food protein-coated nanosuspension: A promising approach for anticancer delivery of hydrophobic drug. <i>Journal of Molecular Liquids</i> , 2020, 303, 112690.	2.3	21
17	A Review of Medicinal Plants in Cardiovascular Disorders: Benefits and Risks. <i>The American Journal of Chinese Medicine</i> , 2020, 48, 259-286.	1.5	20
18	A DNA-based nanocarrier for efficient cancer therapy. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 330-339.	2.4	20

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19	HPLC analysis, cytotoxicity, and safety study of <i>Moringa oleifera</i> Lam. (wild type) leaf extract. Journal of Food Biochemistry, 2020, 44, e13400.	1.2	19
20	Recent advances in the delivery of disulfiram: a critical analysis of promising approaches to improve its pharmacokinetic profile and anticancer efficacy. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 853-862.	0.9	18
21	In-vitro Pre-Treatment of Cancer Cells with TGF- β 1: A Novel Approach of Tail Vein Lung Cancer Metastasis Mouse Model for Anti-Metastatic Studies. Current Molecular Pharmacology, 2019, 12, 249-260.	0.7	18
22	DNA nanotubes assembled from tensegrity triangle tiles with circular DNA scaffolds. Nanoscale, 2017, 9, 17181-17185.	2.8	17
23	PLL-alginate and the HPMC-EC hybrid coating over the 3D DNA nanocubes as compact nanoparticles for oral administration. Applied Nanoscience (Switzerland), 2019, 9, 2105-2115.	1.6	16
24	Chitosan-coated rectangular DNA nanospheres for better outcomes of anti-diabetic drug. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	16
25	Chemical characterization and anti-arthritic appraisal of <i>Monotheca buxifolia</i> methanolic extract in Complete Freund's Adjuvant-induced arthritis in Wistar rats. Inflammopharmacology, 2021, 29, 393-408.	1.9	16
26	Suppression of TGF- β 1 on myocardial remodeling by regulating the NF- κ B pathway. Biomedicine and Pharmacotherapy, 2018, 108, 1460-1468.	2.5	15
27	Synthetic NRG-1 functionalized DNA nanospindels towards HER2/neu targets for in vitro anti-cancer activity assessment against breast cancer MCF-7 cells. Journal of Pharmaceutical and Biomedical Analysis, 2020, 182, 113133.	1.4	14
28	DNA nanotechnology as a tool to develop molecular tension probes for bio-sensing and bio-imaging applications: An up-to-date review. Nano Structures Nano Objects, 2020, 23, 100523.	1.9	13
29	Synthesis of Ligand Functionalized ErbB-3 Targeted Novel DNA Nano-Threads Loaded with the Low Dose of Doxorubicin for Efficient In Vitro Evaluation of the Resistant Anti-Cancer Activity. Pharmaceutical Research, 2020, 37, 75.	1.7	13
30	Recent Advances of Magnetic Gold Hybrids and Nanocomposites, and Their Potential Biological Applications. Magnetochemistry, 2022, 8, 38.	1.0	13
31	Evaluation of chitosan/eudragit hybrid coating over cubic DNA nanospheres with superior stability and therapeutic outcomes. Journal of Drug Delivery Science and Technology, 2019, 52, 577-585.	1.4	12
32	Chemical characterisation, <i>in vitro</i> antioxidant, cytotoxicity and safety evaluation of <i>Polystichum braunii</i> (Spenn.) fee roots. Natural Product Research, 2021, 35, 6223-6228.	1.0	12
33	Mass Transfer Modulation and Gas Mapping Based on Covalent Organic Frameworks-Covered Theta Micropipette. Analytical Chemistry, 2020, 92, 7343-7348.	3.2	11
34	Appraisal of Anti-Arthritic and Anti-Inflammatory Potential of Folkloric Medicinal Plant <i>Peganum harmala</i> . Endocrine, Metabolic and Immune Disorders - Drug Targets, 2022, 22, 49-63.	0.6	11
35	Epigallocatechin-3-gallate in functional food development: From concept to reality. Trends in Food Science and Technology, 2020, 102, 271-279.	7.8	10
36	Research progress of phosphatidylinositol 4-kinase and its inhibitors in inflammatory diseases. European Journal of Pharmacology, 2021, 907, 174300.	1.7	10

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37	Development and functionalization of DNA nanostructures for biomedical applications. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 228-238.	0.8	9
38	The integrin facilitated internalization of fibronectin-functionalized camptothecin-loaded DNA-nanofibers for high-efficiency anticancer effects. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1381-1392.	3.0	8
39	The PA-receptor mediated internalization of carboplatin loaded poly-anionic DNA-nanowires for effective treatment of resistant hepatic-cancer HepG-2 cells. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1915-1926.	1.6	8
40	Therapeutic advances in cardiac targeted drug delivery: from theory to practice. <i>Journal of Drug Targeting</i> , 2021, 29, 235-248.	2.1	8
41	Chemical characterisation and appraisal of antidiabetic potential of Terminalia citrina extract in streptozotocin induced hyperglycaemia in Wistar rats. <i>Archives of Physiology and Biochemistry</i> , 2024, 130, 56-69.	1.0	8
42	Maternotoxicity and fetotoxicity in <i>Rattus norvegicus albinus</i> exposed to tramadol during the late phase of pregnancy. <i>Birth Defects Research</i> , 2021, 113, 1407-1421.	0.8	8
43	Targeting folate receptors ($\hat{1}\pm 1$) to internalize the bleomycin loaded DNA-nanotubes into prostate cancer xenograft CWR22R cells. <i>Journal of Molecular Liquids</i> , 2020, 316, 113785.	2.3	6
44	Treatment of Wilms's nephroblastoma cancer cells via EGFR targeting of dactinomycin loaded DNA-nanowires. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 233-242.	2.7	6
45	2D DNA nanoporous scaffold promotes osteogenic differentiation of pre-osteoblasts. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 657-669.	3.6	6
46	Factors influencing treatment outcomes of tuberculosis patients attending health facilities in Galkayo Puntland, Somalia. <i>Journal of Public Health</i> , 2021, 43, 887-895.	1.0	5
47	Pharmacokinetic Advantage of ASD Device Promote Drug Absorption through the Epicardium. <i>Pharmaceutical Research</i> , 2020, 37, 173.	1.7	5
48	Therapeutic effects of Qianlie Tongli decoction on chronic prostatitis/chronic pelvic pain syndrome induced by peptide T2 in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1436-1444.	1.2	5
49	2D DNA lattices assembled from DX-coupled tiles. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 499-508.	5.0	5
50	Pri-miR-34b/c rs4938723 Polymorphism is Associated with Decreased Risk and Better Prognosis for Colorectal Cancer Patients. <i>Archives of Medical Research</i> , 2019, 50, 55-62.	1.5	4
51	The effective transfection of a low dose of negatively charged drug-loaded DNA-nanocarriers into cancer cells via scavenger receptors. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 174-182.	2.4	4
52	An Overview of Healthcare Systems in Comoros: The Effects of Two Decades of Political Instability. <i>Annals of Global Health</i> , 2021, 87, 84.	0.8	3
53	Therapeutic approach for global myocardial injury using bone marrow-derived mesenchymal stem cells by cardiac support device in rats. <i>Biomedical Microdevices</i> , 2021, 23, 5.	1.4	3
54	DNA Nanotechnology for Modulating the Growth and Development of Neurons. <i>CCS Chemistry</i> , 2021, 3, 2381-2393.	4.6	2

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55	Physiology of Endocrine System and Related Metabolic Disorders. Emerging Contaminants and Associated Treatment Technologies, 2021, , 3-41.	0.4	2
56	Therapeutic interventions to urologic chronic pelvic pain syndrome and UPOINT system for clinical phenotyping: How far are we?. Urologia, 2022, 89, 315-328.	0.3	2
57	Analytical Techniques for the Assessment of Drug Stability. , 2020, , 121-145.		1
58	Stability Studies of Vaccines. , 2020, , 167-185.		0
59	Controlled release floating drug delivery system for proton pump inhibitors lansoprazole: In-vitro, In-vivo floating and pharmacokinetic evaluation.. Pakistan Journal of Pharmaceutical Sciences, 2022, 35, 195-201.	0.2	0