

Muhammad Asim Farooq

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,663
citations

346980

22
h-index

371746

37
g-index

63
all docs

63
docs citations

63
times ranked

2744
citing authors

#	ARTICLE	IF	CITATIONS
1	Delivery of repurposed disulfiram by aminated mesoporous silica nanoparticles for anticancer therapy. <i>Journal of Molecular Liquids</i> , 2022, 346, 117065.	2.3	7
2	Functionalization of Nanoparticulate Drug Delivery Systems and Its Influence in Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 1113.	2.0	17
3	An overview of hydrogels and their role in transdermal drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 574-584.	1.8	52
4	Enhanced cellular uptake and cytotoxicity of vorinostat through encapsulation in TPGS-modified liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111523.	2.5	37
5	Nitric Oxide as a Target for Phytochemicals in Anti-Neuroinflammatory Prevention Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4771.	1.8	29
6	Cationic chitosan-modified silica nanoparticles for oral delivery of protein vaccine. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2111-2119.	2.1	24
7	Phytochemicals against anti-diabetic complications: targeting the advanced glycation end product signaling pathway. <i>Archives of Pharmacal Research</i> , 2021, 44, 378-401.	2.7	15
8	Formulation, optimization, and characterization of whey protein isolate nanocrystals for celecoxib delivery. <i>Journal of Microencapsulation</i> , 2021, 38, 314-323.	1.2	5
9	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
10	Trifostigmanoside I, an Active Compound from Sweet Potato, Restores the Activity of MUC2 and Protects the Tight Junctions through PKC β to Maintain Intestinal Barrier Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 291.	1.8	18
11	Role of PARP in TNBC: Mechanism of Inhibition, Clinical Applications, and Resistance. <i>Biomedicines</i> , 2021, 9, 1512.	1.4	29
12	Physiology of Endocrine System and Related Metabolic Disorders. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2021, , 3-41.	0.4	2
13	Endocrine-Disrupting Chemicals: Occurrence and Exposure to the Human Being. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2021, , 113-123.	0.4	0
14	Role of Polycyclic Aromatic Hydrocarbons as EDCs in Metabolic Disorders. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2021, , 323-341.	0.4	3
15	SARS-CoV-2: Emergence of New Variants and Effectiveness of Vaccines. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 777212.	1.8	29
16	3D QSAR pharmacophore-based virtual screening for the identification of potential inhibitors of tyrosinase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2916-2927.	2.0	4
17	Globular protein stabilized nanoparticles for delivery of disulfiram: fabrication, characterization, <i>in vitro</i> toxicity, and cellular uptake. <i>RSC Advances</i> , 2020, 10, 133-144.	1.7	15
18	Injectable hydrogels for targeted delivering of therapeutic molecules for tissue engineering and disease treatment. <i>Polymers for Advanced Technologies</i> , 2020, 31, 192-203.	1.6	10

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19	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
20	Green Synthesis of Silver Nanoparticles Using <i>Parthenium Hysterophorus</i> : Optimization, Characterization and In Vitro Therapeutic Evaluation. <i>Molecules</i> , 2020, 25, 3324.	1.7	36
21	Advances in local and systemic drug delivery systems for post-surgical cancer treatment. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8507-8518.	2.9	30
22	Thermosensitive Chitosan-Based Injectable Hydrogel as an Efficient Anticancer Drug Carrier. <i>ACS Omega</i> , 2020, 5, 20450-20460.	1.6	63
23	Nano-scaled materials may induce severe neurotoxicity upon chronic exposure to brain tissues: A critical appraisal and recent updates on predisposing factors, underlying mechanism, and future prospects. <i>Journal of Controlled Release</i> , 2020, 328, 873-894.	4.8	19
24	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
25	A New Oleanane Type Saponin from the Aerial Parts of <i>Nigella sativa</i> with Anti-Oxidant and Anti-Diabetic Potential. <i>Molecules</i> , 2020, 25, 2171.	1.7	25
26	Solid dispersion systems engineered from $\langle \text{sc} \rangle$ hydroxypropyl $\hat{1}\pm 1$ cyclodextrin $\langle / \text{sc} \rangle$ and $\langle \text{sc} \rangle$ water $\hat{1}\pm 1$ soluble $\langle / \text{sc} \rangle$ polymers for enhanced oral bioavailability of nimodipine. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2270-2278.	1.6	3
27	Molecular mechanisms of methylglyoxal-induced aortic endothelial dysfunction in human vascular endothelial cells. <i>Cell Death and Disease</i> , 2020, 11, 403.	2.7	32
28	A review of imperative concerns against clinical translation of nanomaterials: Unwanted biological interactions of nanomaterials cause serious nanotoxicity. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101867.	1.4	10
29	Theranostic applications of smart nanomedicines for tumor-targeted chemotherapy: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1509-1527.	8.3	14
30	Food Protein-Based Nanodelivery Systems for Hydrophobic and Poorly Soluble Compounds. <i>AAPS PharmSciTech</i> , 2020, 21, 101.	1.5	9
31	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. <i>Pharmaceutical Research</i> , 2020, 37, 75.	1.7	13
32	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
33	Cyanobacteria: Review of Current Potentials and Applications. <i>Environments - MDPI</i> , 2020, 7, 13.	1.5	86
34	Synthetic NRG-1 functionalized DNA nanospindels towards HER2/neu targets for in vitro anti-cancer activity assessment against breast cancer MCF-7 cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 182, 113133.	1.4	14
35	Targeted and stimuli $\hat{1}\pm 1$ responsive mesoporous silica nanoparticles for drug delivery and theranostic use. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2643-2666.	2.1	44
36	Therapeutic Potential of <i>Lespedeza bicolor</i> to Prevent Methylglyoxal-Induced Glucotoxicity in Familiar Diabetic Nephropathy. <i>Journal of Clinical Medicine</i> , 2019, 8, 1138.	1.0	15

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37	Therapeutic potential of green synthesized silver nanoparticles loaded PVA hydrogel patches for wound healing. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101308.	1.4	38
38	Lespedeza bicolor Extract Improves Amyloid Beta25â€Šâ€Š5-Induced Memory Impairments by Upregulating BDNF and Activating Akt, ERK, and CREB Signaling in Mice. <i>Planta Medica</i> , 2019, 85, 1363-1373.	0.7	13
39	Exposureâ€Response of Wheat Cultivars to TiO ₂ Nanoparticles in Contrasted Soils. <i>Soil and Sediment Contamination</i> , 2019, 28, 184-199.	1.1	25
40	PLL-alginate and the HPMC-EC hybrid coating over the 3D DNA nanocubes as compact nanoparticles for oral administration. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 2105-2115.	1.6	16
41	Whey protein: A functional and promising material for drug delivery systems recent developments and future prospects. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2183-2191.	1.6	24
42	Nanocarrier-mediated co-delivery systems for lung cancer therapy: recent developments and prospects. <i>Environmental Chemistry Letters</i> , 2019, 17, 1565-1583.	8.3	15
43	Recent progress in nanotechnology-based novel drug delivery systems in designing of cisplatin for cancer therapy: an overview. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1674-1692.	1.9	89
44	Carbon dots: Applications in bioimaging and theranostics. <i>International Journal of Pharmaceutics</i> , 2019, 564, 308-317.	2.6	199
45	Phytochemicals Targeting VEGF and VEGF-Related Multifactors as Anticancer Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 350.	1.0	47
46	Spicatoside A derived from <i>Liriope platyphylla</i> root ethanol extract inhibits hepatitis E virus genotype 3 replication in vitro. <i>Scientific Reports</i> , 2019, 9, 4397.	1.6	8
47	Anti-Inflammatory Effect of Chloroform Fraction of <i>Pyrus Ussuriensis Maxim.</i> Leaf Extract on 2, 4-Dinitrochlorobenzene-Induced Atopic Dermatitis in nc/nga Mice. <i>Nutrients</i> , 2019, 11, 276.	1.7	10
48	Mesoporous Silica Nanomaterials: Versatile Nanocarriers for Cancer Theranostics and Drug and Gene Delivery. <i>Pharmaceutics</i> , 2019, 11, 77.	2.0	66
49	Recent advances in the delivery of disulfiram: a critical analysis of promising approaches to improve its pharmacokinetic profile and anticancer efficacy. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 853-862.	0.9	18
50	Preparation of microemulsion containing <i>Lycopersicon esculentum</i> extract: In vitro characterization and stability studies. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1821-1827.	0.2	1
51	Bioactive phytochemicals that regulate the cellular processes involved in diabetic nephropathy. <i>Phytomedicine</i> , 2018, 39, 146-159.	2.3	42
52	Alleviation of Irritable Bowel Syndrome-Like Symptoms and Control of Gut and Brain Responses with Oral Administration of <i>Dolichos lablab L.</i> in a Mouse Model. <i>Nutrients</i> , 2018, 10, 1475.	1.7	14
53	<i>Pyrus ussuriensis Maxim.</i> leaves extract ameliorates DNCB-induced atopic dermatitis-like symptoms in NC/Nga mice. <i>Phytomedicine</i> , 2018, 48, 76-83.	2.3	19
54	Phytochemicals: Target-Based Therapeutic Strategies for Diabetic Retinopathy. <i>Molecules</i> , 2018, 23, 1519.	1.7	35

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55	Lespedeza cuneata protects the endothelial dysfunction via eNOS phosphorylation of PI3K/Akt signaling pathway in HUVECs. <i>Phytomedicine</i> , 2018, 48, 1-9.	2.3	30
56	Dual Role of p21 in the Progression of Cancer and Its Treatment. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2016, 26, 49-62.	0.4	74
57	Recent Investigations for Discovery of Natural Antioxidants: A Comprehensive Review. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2016, 26, 143-160.	0.4	17
58	Anticancer Activities of Medicinal Plants: Modulation of p53 Expression and Induction of Apoptosis. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2016, 26, 257-271.	0.4	5
59	Antibody-drug conjugates as drug carrier systems for bioactive agents. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 1-10.	1.8	9
60	Cdc42: Role in Cancer Management. <i>Chemical Biology and Drug Design</i> , 2015, 86, 432-439.	1.5	83
61	Analgesic, anti-inflammatory and anti-pyretic activities of <i>Caesalpinia decapetala</i> . <i>BiolImpacts</i> , 2014, 4, 43-8.	0.7	6