

# Muhammad Furqan Akhtar

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79  
papers

741  
citations

16  
h-index

22  
g-index

95  
ext. papers

1,155  
ext. citations

3.3  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
79	Bioactive-Based Cosmeceuticals: An Update on Emerging Trends.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	5
78	Polystichum braunii ameliorates airway inflammation by attenuation of inflammatory and oxidative stress biomarkers, and pulmonary edema by elevation of aquaporins in ovalbumin-induced allergic asthmatic mice.. <i>Inflammopharmacology</i> , <b>2022</b> , 30, 639	5.1	1
77	Therapeutic potential of dopamine agonists in the treatment of type 2 diabetes mellitus.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> ,	5.1	1
76	Multifaceted role of natural sources for COVID-19 pandemic as marine drugs.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	1
75	Harmful Consequences of Proton Pump Inhibitors on Male Fertility: An Evidence from Subchronic Toxicity Study of Esomeprazole and Lansoprazole in Wistar Rats.. <i>International Journal of Endocrinology</i> , <b>2022</b> , 2022, 4479261	2.7	0
74	Ameliorating Effect of Malva neglecta Wallr on Obesity and Diabetes in Wistar Rats: A Mechanistic Study. <i>BioMed Research International</i> , <b>2022</b> , 2022, 1-15	3	2
73	Anti-Parkinson's evaluation of leaf extract and underlying mechanism of its phytochemicals. <i>Frontiers in Bioscience</i> , <b>2021</b> , 26, 1031-1051		1
72	Attenuating effect of Prosopis cineraria against paraquat-induced toxicity in prepubertal mice, Mus musculus. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	3
71	Chemical characterisation, antioxidant, cytotoxicity and safety evaluation of (Spenn.) fee roots. <i>Natural Product Research</i> , <b>2021</b> , 35, 6223-6228	2.3	8
70	Potential Role of Curcumin and Its Nanoformulations to Treat Various Types of Cancers. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	47
69	Appraisal of anti-Parkinson activity of rhinacanthin-C in haloperidol-induced parkinsonism in mice: A mechanistic approach. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13677	3.3	3
68	Dysbiosis and Alzheimer's Disease: A Role for Chronic Stress?. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	23
67	Antioxidant and Wound Healing Potential of Essential Oil from Citrus reticulata Peel and Its Chemical Characterization. <i>Current Pharmaceutical Biotechnology</i> , <b>2021</b> , 22, 1114-1121	2.6	4
66	Tylophora hirsuta (Wall.) Extracts Ameliorate Diabetes Associated with Inflammation in Alloxan-induced Diabetic Rats. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2021</b> , 21, 1031-1042	2.2	1
65	Recent updates on immunological, pharmacological, and alternative approaches to combat COVID-19. <i>Inflammopharmacology</i> , <b>2021</b> , 29, 1331-1346	5.1	4
64	Exploration of therapeutic applicability and different signaling mechanism of various phytopharmacological agents for treatment of breast cancer. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 139, 111584	7.5	19
63	Asphodelus tenuifolius extracts arrested inflammation and arthritis through modulation of TNF- $\alpha$ NF-B, ILs, and COX-2 activities in in vivo models. <i>Inflammopharmacology</i> , <b>2021</b> , 29, 483-497	5.1	5

62	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> , <b>2021</b> , 11, 174-182	14	2
61	Treatment of Wilms's nephroblastoma cancer cells via EGFR targeting of dactinomycin loaded DNA-nanowires. <i>Journal of Pharmaceutical Investigation</i> , <b>2021</b> , 51, 233-242	6.3	1
60	Chemical characterization and anti-arthritic appraisal of <i>Monothecha buxifolia</i> methanolic extract in Complete Freund's Adjuvant-induced arthritis in Wistar rats. <i>Inflammopharmacology</i> , <b>2021</b> , 29, 393-408	5.1	7
59	<i>Tylophora hirsuta</i> L. leaf extract attenuates alloxan-induced diabetes in mice by suppressing oxidative stress and $\alpha$ -amylase. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2021</b> , 11, 394	1.4	3
58	Appraisal of Anti-Arthritic and Anti-Inflammatory Potential of Folkloric Medicinal Plant <i>Peganum Harmala</i> . <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2021</b> ,	2.2	3
57	Acetylcholinesterase Inhibitory Potential of Various Sesquiterpene Analogues for Alzheimer's Disease Therapy. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	20
56	Mechanistic insights and perspectives involved in neuroprotective action of quercetin. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 140, 111729	7.5	28
55	Multiple strategies with the synergistic approach for addressing colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 140, 111704	7.5	10
54	Chemical characterisation and appraisal of antidiabetic potential of <i>Terminalia citrina</i> extract in streptozotocin induced hyperglycaemia in Wistar rats. <i>Archives of Physiology and Biochemistry</i> , <b>2021</b> , 1-14	2.2	1
53	Maternotoxicity and fetotoxicity in <i>Rattus norvegicus albinus</i> exposed to tramadol during the late phase of pregnancy. <i>Birth Defects Research</i> , <b>2021</b> , 113, 1407-1421	2.9	2
52	A Review on Natural Sources Derived Protein Nanoparticles as Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , <b>2021</b> , 21, 1014-1026	3	30
51	Bioactive compounds and their libraries: An insight into prospective phytotherapeutics approach for oral mucocutaneous cancers. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 141, 111809	7.5	9
50	Comparison of individual and combination treatments with naproxen, prednisolone and hydroxychloroquine to treat Complete Freund's Adjuvant induced arthritis. <i>Inflammopharmacology</i> , <b>2021</b> , 29, 1719-1731	5.1	1
49	Natural bioactive molecules: An alternative approach to the treatment and control of glioblastoma multiforme. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 141, 111928	7.5	14
48	<i>Argemone mexicana</i> extract alleviates gastrointestinal disorders by stimulating muscarinic receptors and blocking voltage-gated L-type calcium channels. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2021</b> , 11, 214	1.4	
47	Preventive effect of <i>Euphorbia royleana</i> Boiss on diabetes induced by streptozotocin via modulating oxidative stress and deoxyribonucleic acid damage. <i>Toxin Reviews</i> , <b>2020</b> , 1-14	2.3	6
46	<i>Polystichum braunii</i> extracts inhibit Complete Freund's adjuvant-induced arthritis via upregulation of I- $\beta$ , IL-4, and IL-10, downregulation of COX-2, PGE2, IL-1 $\beta$ , IL-6, NF- $\kappa$ B, and TNF- $\alpha$ and subsiding oxidative stress. <i>Inflammopharmacology</i> , <b>2020</b> , 28, 1633-1648	5.1	16
45	Chemical characterization, antioxidant evaluation, and antidiabetic potential of <i>Pinus gerardiana</i> (Pine nuts) extracts. <i>Journal of Food Biochemistry</i> , <b>2020</b> , 44, e13199	3.3	15

44	Crimean-Congo hemorrhagic fever: etiology, diagnosis, management and potential alternative therapy. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2020</b> , 13, 143	2.1	2
43	Pharmacological and toxicological evaluation of two anti-asthmatic polyherbal formulations. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2020</b> , 92, e20191562	1.4	0
42	Chemical characterization, docking studies, anti-arthritic activity and acute oral toxicity of <i>Convolvulus arvensis</i> L. leaves. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2020</b> , 10, 442	1.4	1
41	a Folklore Remedy for Diabetes; Attenuates Oxidative Stress and Modulates Type II Diabetes Mellitus. <i>Current Pharmaceutical Biotechnology</i> , <b>2020</b> , 21, 1059-1069	2.6	8
40	Antioxidant, anti-inflammatory and antiarthritic potential of <i>Moringa oleifera</i> Lam: An ethnomedicinal plant of Moringaceae family. <i>South African Journal of Botany</i> , <b>2020</b> , 128, 246-256	2.9	30
39	Targeting folate receptors (FR) to internalize the bleomycin loaded DNA-nanotubes into prostate cancer xenograft CWR22R cells. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 316, 113785	6	5
38	DNA nanotechnology as a tool to develop molecular tension probes for bio-sensing and bio-imaging applications: An up-to-date review. <i>Nano Structures Nano Objects</i> , <b>2020</b> , 23, 100523	5.6	7
37	The integrin facilitated internalization of fibronectin-functionalized camptothecin-loaded DNA-nanofibers for high-efficiency anticancer effects. <i>Drug Delivery and Translational Research</i> , <b>2020</b> , 10, 1381-1392	6.2	5
36	HPLC analysis, cytotoxicity, and safety study of <i>Moringa oleifera</i> Lam. (wild type) leaf extract. <i>Journal of Food Biochemistry</i> , <b>2020</b> , 44, e13400	3.3	6
35	Anticancer natural medicines: An overview of cell signaling and other targets of anticancer phytochemicals. <i>European Journal of Pharmacology</i> , <b>2020</b> , 888, 173488	5.3	17
34	Investigation of anti-Parkinson activity of dicyclomine. <i>International Journal of Neuroscience</i> , <b>2020</b> , 1-14	2	4
33	<i>Moringa rivae</i> leaf extracts attenuate Complete Freund's adjuvant-induced arthritis in Wistar rats via modulation of inflammatory and oxidative stress biomarkers. <i>Inflammopharmacology</i> , <b>2020</b> , 28, 139-151	5.1	30
32	Exploring the New Horizon of AdipoQ in Obesity-Related Alzheimer's Dementia. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 567678	4.6	3
31	A Comprehensive Review on Ethnomedicinal, Pharmacological and Phytochemical Basis of Anticancer Medicinal Plants of Pakistan. <i>Current Cancer Drug Targets</i> , <b>2019</b> , 19, 120-151	2.8	7
30	Antidiabetic Potential of <i>L. cv. Anwar Ratol</i> Leaves: Medicinal Application of Food Wastes. <i>Medicina (Lithuania)</i> , <b>2019</b> , 55,	3.1	14
29	Antioxidant and alpha amylase inhibitory activities of <i>Fumaria officinalis</i> and its antidiabetic potential against alloxan induced diabetes. <i>Cellular and Molecular Biology</i> , <b>2019</b> , 65, 50	1.1	12
28	Chronopharmacology: Appraising the Influence of Biorhythms on the Efficacy and Safety of Antihypertensive Drugs. <i>Critical Reviews in Eukaryotic Gene Expression</i> , <b>2019</b> , 29, 499-509	1.3	2
27	Stem Cell Therapy for Diabetes Mellitus: Recent Progress and Hurdles. <i>Critical Reviews in Eukaryotic Gene Expression</i> , <b>2019</b> , 29, 471-482	1.3	4

26	Endocrine disruption as an adverse effect of non-endocrine targeting pharmaceuticals. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 1277-1286	5.1	14
25	Evaluation of Turmeric Nanoparticles as Anti-Gout Agent: Modernization of a Traditional Drug. <i>Medicina (Lithuania)</i> , <b>2019</b> , 55,	3.1	14
24	Chemical characterisation and hepatoprotective potential of <i>Cosmos sulphureus</i> Cav. and <i>Cosmos bipinnatus</i> Cav. <i>Natural Product Research</i> , <b>2019</b> , 33, 897-900	2.3	12
23	Antioxidant and alpha amylase inhibitory activities of <i>Fumaria officinalis</i> and its antidiabetic potential against alloxan induced diabetes. <i>Cellular and Molecular Biology</i> , <b>2019</b> , 65, 50-57	1.1	2
22	In vitro and in vivo anti-arthritic evaluation of <i>Polystichum braunii</i> to validate its folkloric claim. <i>Pakistan Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 32, 1167-1173	0.4	6
21	Association of textile industry effluent with mutagenicity and its toxic health implications upon acute and sub-chronic exposure. <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 179	3.1	19
20	Effect of hydrophilic and hydrophobic polymer on the release of ketoprofen and allopurinol from bilayer matrix transdermal patch. <i>Advances in Polymer Technology</i> , <b>2018</b> , 37, 3076-3083	1.9	3
19	Increasing beta cell mass to treat diabetes mellitus. <i>Advances in Clinical and Experimental Medicine</i> , <b>2018</b> , 27, 1309-1315	1.8	14
18	Influence of different formulation variables on the performance of transdermal drug delivery system containing tizanidine hydrochloride: in vitro and ex vivo evaluations. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 54,	1.8	2
17	Hepatoprotective potential and chemical characterization of <i>Artocarpus lakoocha</i> fruit extract. <i>Bangladesh Journal of Pharmacology</i> , <b>2018</b> , 13, 90	0.6	3
16	Probiotics for cure of <i>Helicobacter pylori</i> infection: A review. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, 2215-2222	3	5
15	Genotoxic and cytotoxic potential of <i>Alternanthera Bettzickiana</i> , an important ethno-medicinal plant. <i>Cellular and Molecular Biology</i> , <b>2017</b> , 63, 109-114	1.1	9
14	Diverse Signaling Pathways and Current Status of Molecular Targeted Treatments for Hepatocellular Carcinoma. <i>Critical Reviews in Eukaryotic Gene Expression</i> , <b>2017</b> , 27, 373-385	1.3	4
13	Genotoxic and cytotoxic potential of whole plant extracts of <i>Kalanchoe laciniata</i> by Ames and MTT assay. <i>EXCLI Journal</i> , <b>2017</b> , 16, 593-601	2.4	11
12	Review: <i>Nigella sativa</i> (Prophetic Medicine): A Review. <i>Pakistan Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 30, 229-234	0.4	22
11	ANTIOXIDANT ACTIVITY OF <i>PISTACIA KHINJUK</i> SUPPORTED BY PHYTOCHEMICAL INVESTIGATION. <i>Acta Poloniae Pharmaceutica</i> , <b>2017</b> , 74, 173-178	1.3	6
10	Pharmaceutical wastewater being composite mixture of environmental pollutants may be associated with mutagenicity and genotoxicity. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2813-20	5.1	22
9	Oxidative stress responses in Wistar rats on subacute exposure to pharmaceutical wastewater. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 24158-24165	5.1	22

8	Textile industrial effluent induces mutagenicity and oxidative DNA damage and exploits oxidative stress biomarkers in rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 41, 180-6	5.8	37
7	Genotoxic and cytotoxic action potential of Terminalia citrina, a medicinal plant of ethnopharmacological significance. <i>EXCLI Journal</i> , <b>2016</b> , 15, 589-598	2.4	10
6	Current trends in the treatment of hepatitis C: interventions to avoid adverse effects and increase effectiveness of anti-HCV drugs. <i>EXCLI Journal</i> , <b>2016</b> , 15, 578-588	2.4	3
5	Toxicity Appraisal of Untreated Dyeing Industry Wastewater Based on Chemical Characterization and Short Term Bioassays. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 96, 502-7	2.7	17
4	EVALUATION OF ANTI-INFLAMMATORY, ANALGESIC AND ANTIPYRETIC ACTIVITIES OF AQUEOUS AND ETHANOLIC EXTRACTS OF SEEDS OF BUCHANANIA LANZAN SPRENG. IN ANIMAL MODELS. <i>Acta Poloniae Pharmaceutica</i> , <b>2016</b> , 73, 1601-1608	1.3	3
3	ANALGESIC, ANTIPYRETIC AND ANTI-INFLAMMATORY ACTIVITIES OF GREWIA ASIATICA FRUIT EXTRACTS IN ALBINO MICE. <i>Acta Poloniae Pharmaceutica</i> , <b>2016</b> , 73, 983-989	1.3	12
2	Formulation and characterization of modified release tablets containing isoniazid using swellable polymers. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2011</b> , 8, 250-9	0.3	4
1	Ameliorating effect of Malva Neglecta on hyperglycemia and hyperlipidemia in diabetic rats. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 57,	1.8	2