

Muhammad Furqan Akhtar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8268272/publications.pdf>

Version: 2024-02-01

89
papers

1,604
citations

304701

22
h-index

395678

33
g-index

97
all docs

97
docs citations

97
times ranked

1415
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic insights and perspectives involved in neuroprotective action of quercetin. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111729.	5.6	114
2	Potential Role of Curcumin and Its Nanoformulations to Treat Various Types of Cancers. <i>Biomolecules</i> , 2021, 11, 392.	4.0	100
3	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> , 2020, 128, 246-256.	2.5	88
4	<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> , 2020, 28, 139-151.	3.9	66
5	Acetylcholinesterase Inhibitory Potential of Various Sesquiterpene Analogues for Alzheimer's Disease Therapy. <i>Biomolecules</i> , 2021, 11, 350.	4.0	55
6	Dysbiosis and Alzheimer's Disease: A Role for Chronic Stress?. <i>Biomolecules</i> , 2021, 11, 678.	4.0	51
7	Textile industrial effluent induces mutagenicity and oxidative DNA damage and exploits oxidative stress biomarkers in rats. <i>Environmental Toxicology and Pharmacology</i> , 2016, 41, 180-186.	4.0	46
8	A Review on Natural Sources Derived Protein Nanoparticles as Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 1014-1026.	2.1	41
9	Anticancer natural medicines: An overview of cell signaling and other targets of anticancer phytochemicals. <i>European Journal of Pharmacology</i> , 2020, 888, 173488.	3.5	39
10	Pharmaceutical wastewater being composite mixture of environmental pollutants may be associated with mutagenicity and genotoxicity. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2813-2820.	5.3	38
11	Exploration of therapeutic applicability and different signaling mechanism of various phytopharmacological agents for treatment of breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111584.	5.6	38
12	<i>Polystichum braunii</i> extracts inhibit Complete Freund's adjuvant-induced arthritis via upregulation of IL-1 β , IL-4, and IL-10, downregulation of COX-2, PGE2, IL-1 β , IL-6, NF- κ B, and TNF- α , and subsiding oxidative stress. <i>Inflammopharmacology</i> , 2020, 28, 1633-1648.	3.9	37
13	Resveratrol and neuroprotection: an insight into prospective therapeutic approaches against Alzheimer's disease from bench to bedside. <i>Molecular Neurobiology</i> , 2022, 59, 4384-4404.	4.0	37
14	Oxidative stress responses in Wistar rats on subacute exposure to pharmaceutical wastewater. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24158-24165.	5.3	29
15	Antidiabetic Potential of <i>Mangifera indica</i> L. cv. Anwar Ratol Leaves: Medicinal Application of Food Wastes. <i>Medicina (Lithuania)</i> , 2019, 55, 353.	2.0	29
16	Natural bioactive molecules: An alternative approach to the treatment and control of glioblastoma multiforme. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111928.	5.6	28
17	Chemical characterization, antioxidant evaluation, and antidiabetic potential of <i>Pinus gerardiana</i> (Pine nuts) extracts. <i>Journal of Food Biochemistry</i> , 2020, 44, e13199.	2.9	27
18	Toxicity Appraisal of Untreated Dyeing Industry Wastewater Based on Chemical Characterization and Short Term Bioassays. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 502-507.	2.7	26

#	ARTICLE	IF	CITATIONS
19	Association of textile industry effluent with mutagenicity and its toxic health implications upon acute and sub-chronic exposure. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 179.	2.7	26
20	Evaluation of Turmeric Nanoparticles as Anti-Gout Agent: Modernization of a Traditional Drug. <i>Medicina (Lithuania)</i> , 2019, 55, 10.	2.0	25
21	Multiple strategies with the synergistic approach for addressing colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111704.	5.6	25
22	Review: <i>Nigella sativa</i> (Prophetic Medicine): A Review. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 229-234.	0.2	25
23	Endocrine disruption as an adverse effect of non-endocrine targeting pharmaceuticals. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1277-1286.	5.3	24
24	Bioactive-Based Cosmeceuticals: An Update on Emerging Trends. <i>Molecules</i> , 2022, 27, 828.	3.8	24
25	<i>Asphodelus tenuifolius</i> extracts arrested inflammation and arthritis through modulation of TNF- $\hat{\pm}$, NF- $\hat{\rho}$ B, ILs, and COX-2 activities in in vivo models. <i>Inflammopharmacology</i> , 2021, 29, 483-497.	3.9	21
26	Chemical characterisation and hepatoprotective potential of <i>Cosmos sulphureus</i> Cav. and <i>Cosmos bipinnatus</i> Cav.. <i>Natural Product Research</i> , 2019, 33, 897-900.	1.8	20
27	HPLC analysis, cytotoxicity, and safety study of <i>Moringa oleifera</i> Lam. (wild type) leaf extract. <i>Journal of Food Biochemistry</i> , 2020, 44, e13400.	2.9	19
28	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> , 2021, 29, 393-408.	3.9	16
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> , 2019, 65, 50-57.	0.9	16
30	Genotoxic and cytotoxic action potential of <i>Terminalia citrina</i> , a medicinal plant of ethnopharmacological significance. <i>EXCLI Journal</i> , 2016, 15, 589-598.	0.7	16
31	ANALGESIC, ANTIPYRETIC AND ANTI-INFLAMMATORY ACTIVITIES OF <i>GREWIA ASIATICA</i> FRUIT EXTRACTS IN ALBINO MICE. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 983-989.	0.1	16
32	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> , 2021, 40, 777-790.	3.4	15
33	Increasing beta cell mass to treat diabetes mellitus. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1309-1315.	1.4	15
34	Therapeutic potential of dopamine agonists in the treatment of type 2 diabetes mellitus. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46385-46404.	5.3	15
35	Bioactive compounds and their libraries: An insight into prospective phytotherapeutics approach for oral mucocutaneous cancers. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111809.	5.6	14
36	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> , 2020, 23, 100523.	3.5	13

#	ARTICLE	IF	CITATIONS
37	Genotoxic and cytotoxic potential of <i>Alternanthera Bettzickiana</i> , an important ethno-medicinal plant. <i>Cellular and Molecular Biology</i> , 2017, 63, 109-114.	0.9	13
38	<i>Delonix regia</i> a Folklore Remedy for Diabetes; Attenuates Oxidative Stress and Modulates Type II Diabetes Mellitus. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 1059-1069.	1.6	13
39	Genotoxic and cytotoxic potential of whole plant extracts of <i>Kalanchoe laciniata</i> by Ames and MTT assay. <i>EXCLI Journal</i> , 2017, 16, 593-601.	0.7	13
40	A Comprehensive Review on Ethnomedicinal, Pharmacological and Phytochemical Basis of Anticancer Medicinal Plants of Pakistan. <i>Current Cancer Drug Targets</i> , 2019, 19, 120-151.	1.6	12
41	Chemical characterisation, <i>in vitro</i> antioxidant, cytotoxicity and safety evaluation of <i>Polystichum braunii</i> (Spenn.) fee roots. <i>Natural Product Research</i> , 2021, 35, 6223-6228.	1.8	12
42	Exploring the New Horizon of AdipoQ in Obesity-Related Alzheimer's Dementia. <i>Frontiers in Physiology</i> , 2020, 11, 567678.	2.8	12
43	Antioxidant and Wound Healing Potential of Essential Oil from <i>Citrus reticulata</i> Peel and Its Chemical Characterization. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 1114-1121.	1.6	12
44	Multifaceted role of natural sources for COVID-19 pandemic as marine drugs. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46527-46550.	5.3	12
45	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> , 2022, 22, 49-63.	1.2	11
46	Hepatoprotective potential and chemical characterization of <i>Artocarpus lakoocha</i> fruit extract. <i>Bangladesh Journal of Pharmacology</i> , 2018, 13, 90.	0.4	10
47	Anti-Parkinson's evaluation of <i>Brassica juncea</i> leaf extract and underlying mechanism of its phytochemicals. <i>Frontiers in Bioscience</i> , 2021, 26, 1031.	2.1	10
48	HPLC -DAD analysis, anti-inflammatory and anti-arthritic potentials of <i>Coronopus didymus</i> (L.) Sm. extracts: effects on pro- and anti-inflammatory cytokines, COX-2, $IL-1\beta$, $NF-\kappa B$ and oxidative stress biomarkers. <i>Food and Function</i> , 2022, 13, 6244-6258.	4.6	10
49	Comparison of individual and combination treatments with naproxen, prednisolone and hydroxychloroquine to treat Complete Freund's Adjuvant induced arthritis. <i>Inflammopharmacology</i> , 2021, 29, 1719-1731.	3.9	9
50	ANTIOXIDANT ACTIVITY OF <i>PISTACIA KHINJUK</i> SUPPORTED BY PHYTOCHEMICAL INVESTIGATION. <i>Acta Poloniae Pharmaceutica</i> , 2017, 74, 173-178.	0.1	9
51	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.	5.8	8
52	Investigation of anti-Parkinson activity of dicyclomine. <i>International Journal of Neuroscience</i> , 2022, 132, 338-351.	1.6	8
53	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> , 2024, 130, 56-69.	2.1	8
54	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.	1.5	8

#	ARTICLE	IF	CITATIONS
55	Alternative Therapy of Psychosis: Potential Phytochemicals and Drug Targets in the Management of Schizophrenia. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	8
56	Formulation and characterization of modified release tablets containing ionizid using swellable polymers. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2011, 8, 250-9.	0.3	7
57	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> , 2018, 54, .	1.2	7
58	Appraisal of anti-Parkinson activity of rhinacanthin in haloperidol-induced parkinsonism in mice: A mechanistic approach. <i>Journal of Food Biochemistry</i> , 2021, 45, e13677.	2.9	7
59	Recent updates on immunological, pharmacological, and alternative approaches to combat COVID-19. <i>Inflammopharmacology</i> , 2021, 29, 1331-1346.	3.9	7
60	Diverse Signaling Pathways and Current Status of Molecular Targeted Treatments for Hepatocellular Carcinoma. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2017, 27, 373-385.	0.9	7
61	Ameliorating Effect of <i>Malva neglecta</i> Wallr on Obesity and Diabetes in Wistar Rats: A Mechanistic Study. <i>BioMed Research International</i> , 2022, 2022, 1-15.	1.9	7
62	Comparative Potential of Zinc Sulfate, L-Carnitine, Lycopene, and Coenzyme Q10 on Cadmium-Induced Male Infertility. <i>International Journal of Endocrinology</i> , 2022, 2022, 1-13.	1.5	7
63	Probiotics for cure of <i>Helicobacter pylori</i> infection: A review. <i>International Journal of Food Properties</i> , 2017, 20, 2215-2222.	3.0	6
64	Effect of hydrophilic and hydrophobic polymer on the release of ketoprofen and allopurinol from bilayer matrix transdermal patch. <i>Advances in Polymer Technology</i> , 2018, 37, 3076-3083.	1.7	6
65	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.	4.9	6
66	Treatment of Wilms' nephroblastoma cancer cells via EGFR targeting of dactinomycin loaded DNA-nanowires. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 233-242.	5.3	6
67	Crimean-Congo hemorrhagic fever: etiology, diagnosis, management and potential alternative therapy. <i>Asian Pacific Journal of Tropical Medicine</i> , 2020, 13, 143.	0.8	6
68	Current trends in the treatment of hepatitis C: interventions to avoid adverse effects and increase effectiveness of anti-HCV drugs. <i>EXCLI Journal</i> , 2016, 15, 578-588.	0.7	6
69	In vitro and in vivo anti-arthritis evaluation of <i>Polystichum braunii</i> to validate its folkloric claim. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1167-1173.	0.2	6
70	<i>Polystichum braunii</i> 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> , 2022, 30, 639-653.	3.9	6
71	<i>Tylophora hirsuta</i> L. leaf extract attenuates alloxan-induced diabetes in mice by suppressing oxidative stress and $\hat{1}\pm$ -amylase. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021, 11, 394.	1.2	5
72	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> , 2022, 2022, 1-13.	1.5	5

#	ARTICLE	IF	CITATIONS
73	Stem Cell Therapy for Diabetes Mellitus: Recent Progress and Hurdles. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019, 29, 471-482.	0.9	4
74	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.	5.3	4
75	Chronopharmacology: Appraising the Influence of Biorhythms on the Efficacy and Safety of Antihypertensive Drugs. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019, 29, 499-509.	0.9	4
76	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> , 2020, 10, 442.	1.2	4
77	EVALUATION OF ANTI-INFLAMMATORY, ANALGESIC AND ANTIPYRETIC ACTIVITIES OF AQUEOUS AND ETHANOLIC EXTRACTS OF SEEDS OF <i>BUCHANANIA LANZAN SPRENG.</i> IN ANIMAL MODELS. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 1601-1608.	0.1	4
78	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> , 2019, 65, 50-57.	0.9	4
79	Pharmacological and toxicological evaluation of two anti-asthmatic polyherbal formulations. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20191562.	0.8	3
80	Contemporary uses of old folks: the immunomodulatory and toxic potential of fenbufen. <i>Cellular and Molecular Biology</i> , 2022, 67, 27-37.	0.9	3
81	<i>Tylophora hirsuta</i> (Wall.) Extracts Ameliorate Diabetes Associated with Inflammation in Alloxan-induced Diabetic Rats. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 1031-1042.	1.2	2
82	Ameliorating effect of <i>Malva Neglecta</i> on hyperglycemia and hyperlipidemia in diabetic rats. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 57, .	1.2	2
83	Therapeutic potential of <i>Ceratonia siliqua</i> extract for the management of asthma and hypertension. <i>Cellular and Molecular Biology</i> , 2022, 67, 6-15.	0.9	2
84	<i>Berberis aristata</i> DC Extract Counteracts the High Fat Diet-Induced Reproductive Toxicity in Female Wistar Rats via Modulating Oxidative Stress and Resistance to Leptin and Insulin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2022, 22, 1390-1402.	1.2	2
85	Molecular Mechanisms Responsible for In Vitro Cytotoxic Attributes of <i>Conyza bonariensis</i> Extract against Lymphoblastic Leukaemia Jurkat Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	1.7	1
86	VALIDATION OF HEPATOPROTECTIVE USE OF <i>POLYGONUM PERFOLIATUM</i> EXTRACT AGAINST PARACETAMOL INDUCED TOXICITY IN WISTAR RATS. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 283-289.	0.1	1
87	Endocrine disruption: Reproductive toxicity of glyceryl trinitrate and isosorbide mononitrate in male Wistar rats. <i>Andrologia</i> , 2022, 54, .	2.1	1
88	<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> , 2021, 11, 214.	1.2	0
89	Study of Multi-Drug Resistance Associated with Anti-Tuberculosis Treatment by DOT Implementation Strategy in Pakistan. <i>Journal of Basic & Applied Sciences</i> , 0, 14, 107-112.	0.8	0