

Muhammad Furqan Akhtar

List of Publications by Citations

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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 | Potential Role of Curcumin and Its Nanoformulations to Treat Various Types of Cancers. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 47 |
| 78 | Textile industrial effluent induces mutagenicity and oxidative DNA damage and exploits oxidative stress biomarkers in rats. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 41, 180-6 | 5.8 | 37 |
| 77 | Antioxidant, anti-inflammatory and antiarthritic potential of Moringa oleifera Lam: An ethnomedicinal plant of Moringaceae family. <i>South African Journal of Botany</i> , 2020 , 128, 246-256 | 2.9 | 30 |
| 76 | Moringa rivae 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 | 5.1 | 30 |
| 75 | A Review on Natural Sources Derived Protein Nanoparticles as Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2021 , 21, 1014-1026 | 3 | 30 |
| 74 | Mechanistic insights and perspectives involved in neuroprotective action of quercetin. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111729 | 7.5 | 28 |
| 73 | Dysbiosis and Alzheimer's Disease: A Role for Chronic Stress?. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 23 |
| 72 | Pharmaceutical wastewater being composite mixture of environmental pollutants may be associated with mutagenicity and genotoxicity. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 2813-20 | 5.1 | 22 |
| 71 | Oxidative stress responses in Wistar rats on subacute exposure to pharmaceutical wastewater. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 24158-24165 | 5.1 | 22 |
| 70 | Review: Nigella sativa (Prophetic Medicine): A Review. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017 , 30, 229-234 | 0.4 | 22 |
| 69 | Acetylcholinesterase Inhibitory Potential of Various Sesquiterpene Analogues for Alzheimer's Disease Therapy. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 20 |
| 68 | 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 | 3.1 | 19 |
| 67 | 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 | 7.5 | 19 |
| 66 | Anticancer natural medicines: An overview of cell signaling and other targets of anticancer phytochemicals. <i>European Journal of Pharmacology</i> , 2020 , 888, 173488 | 5.3 | 17 |
| 65 | 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, 502-7 | 2.7 | 17 |
| 64 | Polystichum braunii extracts inhibit Complete Freund's adjuvant-induced arthritis via upregulation of I- 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 | 5.1 | 16 |
| 63 | Chemical characterization, antioxidant evaluation, and antidiabetic potential of Pinus gerardiana (Pine nuts) extracts. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13199 | 3.3 | 15 |

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| 62 | Antidiabetic Potential of <i>L. cv. Anwar Ratol</i> Leaves: Medicinal Application of Food Wastes. <i>Medicina (Lithuania)</i> , 2019 , 55, | 3.1 | 14 |
| 61 | Increasing beta cell mass to treat diabetes mellitus. <i>Advances in Clinical and Experimental Medicine</i> , 2018 , 27, 1309-1315 | 1.8 | 14 |
| 60 | Endocrine disruption as an adverse effect of non-endocrine targeting pharmaceuticals. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 1277-1286 | 5.1 | 14 |
| 59 | Evaluation of Turmeric Nanoparticles as Anti-Gout Agent: Modernization of a Traditional Drug. <i>Medicina (Lithuania)</i> , 2019 , 55, | 3.1 | 14 |
| 58 | Natural bioactive molecules: An alternative approach to the treatment and control of glioblastoma multiforme. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111928 | 7.5 | 14 |
| 57 | 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 | 1.1 | 12 |
| 56 | 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 | 2.3 | 12 |
| 55 | ANALGESIC, ANTIPYRETIC AND ANTI-INFLAMMATORY ACTIVITIES OF GREWIA ASIATICA FRUIT EXTRACTS IN ALBINO MICE. <i>Acta Poloniae Pharmaceutica</i> , 2016 , 73, 983-989 | 1.3 | 12 |
| 54 | 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 | 2.4 | 11 |
| 53 | Genotoxic and cytotoxic action potential of <i>Terminalia citrina</i> , a medicinal plant of ethnopharmacological significance. <i>EXCLI Journal</i> , 2016 , 15, 589-598 | 2.4 | 10 |
| 52 | Multiple strategies with the synergistic approach for addressing colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111704 | 7.5 | 10 |
| 51 | Genotoxic and cytotoxic potential of <i>Alternanthera Bettzickiana</i> , an important ethno-medicinal plant. <i>Cellular and Molecular Biology</i> , 2017 , 63, 109-114 | 1.1 | 9 |
| 50 | Bioactive compounds and their libraries: An insight into prospective phytotherapeutics approach for oral mucocutaneous cancers. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111809 | 7.5 | 9 |
| 49 | a Folklore Remedy for Diabetes; Attenuates Oxidative Stress and Modulates Type II Diabetes Mellitus. <i>Current Pharmaceutical Biotechnology</i> , 2020 , 21, 1059-1069 | 2.6 | 8 |
| 48 | Chemical characterisation, antioxidant, cytotoxicity and safety evaluation of (<i>Spenn.</i>) fee roots. <i>Natural Product Research</i> , 2021 , 35, 6223-6228 | 2.3 | 8 |
| 47 | 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 | 2.8 | 7 |
| 46 | 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 | 5.6 | 7 |
| 45 | Chemical characterization and anti-arthritis 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 | 5.1 | 7 |

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| 44 | 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> , 2020 , 1-14 | 2.3 | 6 |
| 43 | 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 | 3.3 | 6 |
| 42 | ANTIOXIDANT ACTIVITY OF PISTACIA KHINJUK SUPPORTED BY PHYTOCHEMICAL INVESTIGATION. <i>Acta Poloniae Pharmaceutica</i> , 2017 , 74, 173-178 | 1.3 | 6 |
| 41 | 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> , 2019 , 32, 1167-1173 | 0.4 | 6 |
| 40 | Probiotics for cure of <i>Helicobacter pylori</i> infection: A review. <i>International Journal of Food Properties</i> , 2017 , 20, 2215-2222 | 3 | 5 |
| 39 | Bioactive-Based Cosmeceuticals: An Update on Emerging Trends.. <i>Molecules</i> , 2022 , 27, | 4.8 | 5 |
| 38 | Targeting folate receptors (FR) to internalize the bleomycin loaded DNA-nanotubes into prostate cancer xenograft CWR22R cells. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113785 | 6 | 5 |
| 37 | 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 | 6.2 | 5 |
| 36 | <i>Asphodelus tenuifolius</i> extracts arrested inflammation and arthritis through modulation of TNF- α NF- κ B, ILs, and COX-2 activities in in vivo models. <i>Inflammopharmacology</i> , 2021 , 29, 483-497 | 5.1 | 5 |
| 35 | Formulation and characterization of modified release tablets containing isoniazid using swellable polymers. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2011 , 8, 250-9 | 0.3 | 4 |
| 34 | 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 | 1.3 | 4 |
| 33 | Investigation of anti-Parkinson activity of dicyclomine. <i>International Journal of Neuroscience</i> , 2020 , 1-14 | 2 | 4 |
| 32 | 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 | 2.6 | 4 |
| 31 | Recent updates on immunological, pharmacological, and alternative approaches to combat COVID-19. <i>Inflammopharmacology</i> , 2021 , 29, 1331-1346 | 5.1 | 4 |
| 30 | Stem Cell Therapy for Diabetes Mellitus: Recent Progress and Hurdles. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019 , 29, 471-482 | 1.3 | 4 |
| 29 | 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 | 1.9 | 3 |
| 28 | 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 | 2.4 | 3 |
| 27 | Attenuating effect of <i>Prosopis cineraria</i> against paraquat-induced toxicity in prepubertal mice, <i>Mus musculus</i> . <i>Environmental Science and Pollution Research</i> , 2021 , 1 | 5.1 | 3 |

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| 26 | Appraisal of anti-Parkinson activity of rhinacanthin-C in haloperidol-induced parkinsonism in mice: A mechanistic approach. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13677 | 3.3 | 3 |
| 25 | Exploring the New Horizon of AdipoQ in Obesity-Related Alzheimer's Dementia. <i>Frontiers in Physiology</i> , 2020 , 11, 567678 | 4.6 | 3 |
| 24 | Tylophora hirsuta L. leaf extract attenuates alloxan-induced diabetes in mice by suppressing oxidative stress and α-amylase. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021 , 11, 394 | 1.4 | 3 |
| 23 | Appraisal of Anti-Arthritic and Anti-Inflammatory Potential of Folkloric Medicinal Plant Peganum Harmala. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021 , | 2.2 | 3 |
| 22 | Hepatoprotective potential and chemical characterization of Artocarpus lakoocha fruit extract. <i>Bangladesh Journal of Pharmacology</i> , 2018 , 13, 90 | 0.6 | 3 |
| 21 | 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> , 2016 , 73, 1601-1608 | 1.3 | 3 |
| 20 | 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 | 1.3 | 2 |
| 19 | Crimean-Congo hemorrhagic fever: etiology, diagnosis, management and potential alternative therapy. <i>Asian Pacific Journal of Tropical Medicine</i> , 2020 , 13, 143 | 2.1 | 2 |
| 18 | Ameliorating effect of Malva Neglecta on hyperglycemia and hyperlipidemia in diabetic rats. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 57 , | 1.8 | 2 |
| 17 | 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 | 14 | 2 |
| 16 | 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, | 1.8 | 2 |
| 15 | Maternotoxicity and fetotoxicity in Rattus norvegicus albinus exposed to tramadol during the late phase of pregnancy. <i>Birth Defects Research</i> , 2021 , 113, 1407-1421 | 2.9 | 2 |
| 14 | Antioxidant and alpha amylase inhibitory activities of Fumaria officinalis and its antidiabetic potential against alloxan induced diabetes. <i>Cellular and Molecular Biology</i> , 2019 , 65, 50-57 | 1.1 | 2 |
| 13 | Ameliorating Effect of Malva neglecta Wallr on Obesity and Diabetes in Wistar Rats: A Mechanistic Study. <i>BioMed Research International</i> , 2022 , 2022, 1-15 | 3 | 2 |
| 12 | Chemical characterization, docking studies, anti-arthritic activity and acute oral toxicity of Convolvulus arvensis L. leaves. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2020 , 10, 442 | 1.4 | 1 |
| 11 | Anti-Parkinson's evaluation of leaf extract and underlying mechanism of its phytochemicals. <i>Frontiers in Bioscience</i> , 2021 , 26, 1031-1051 | | 1 |
| 10 | Tylophora hirsuta (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 | 2.3 | 1 |
| 9 | Treatment of Wilms' Nephroblastoma cancer cells via EGFR targeting of dactinomycin loaded DNA-nanowires. <i>Journal of Pharmaceutical Investigation</i> , 2021 , 51, 233-242 | 6.3 | 1 |

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| 8 | 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> , 2021 , 1-14 | 2.2 | 1 |
| 7 | 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 | 5.1 | 1 |
| 6 | 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> , 2022 , 30, 639 | 5.1 | 1 |
| 5 | Therapeutic potential of dopamine agonists in the treatment of type 2 diabetes mellitus.. <i>Environmental Science and Pollution Research</i> , 2022 , | 5.1 | 1 |
| 4 | Multifaceted role of natural sources for COVID-19 pandemic as marine drugs.. <i>Environmental Science and Pollution Research</i> , 2022 , 1 | 5.1 | 1 |
| 3 | Pharmacological and toxicological evaluation of two anti-asthmatic polyherbal formulations. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20191562 | 1.4 | 0 |
| 2 | 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, 4479261 | 2.7 | 0 |
| 1 | Argemone mexicana 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 | 1.4 | |