

# Mohammad Saleem

## List of Publications by Year in descending order

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94  
papers

3,675  
citations

218677

26  
h-index

138484

58  
g-index

99  
all docs

99  
docs citations

99  
times ranked

4376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterisation and appraisal of antidiabetic potential of Terminalia citrina extract in streptozotocin induced hyperglycaemia in Wistar rats. Archives of Physiology and Biochemistry, 2024, 130, 56-69.	2.1	8
2	The potential protective effect of the <i>Polygonum hydropiper</i> L against the development of fructose-induced oxidative stress and metabolic disorders in male Sprague-Dawely rats. Journal of Pharmacy and Pharmacology, 2022, 74, 585-595.	2.4	2
3	Raphanus sativus Seeds Oil Arrested in vivo Inflammation and Angiogenesis through Down-regulation of TNF- $\alpha$ . Current Pharmaceutical Biotechnology, 2022, 23, 728-739.	1.6	6
4	Medical Preparedness and Response Aspect: Role of Pharmacists in Disaster Management. Disaster Medicine and Public Health Preparedness, 2022, 16, 1723-1724.	1.3	1
5	Evaluation of antidiabetic and wound healing properties of ethanol extract of Hedera nepalensis in alloxan-induced diabetic rats. South African Journal of Botany, 2022, 146, 118-126.	2.5	7
6	COVID-19 vaccine trials and sex-disaggregated data. Expert Review of Vaccines, 2022, 21, 285-288.	4.4	5
7	A Novel Distachionate from Breynia distachia Treats Inflammations by Modulating COX-2 and Inflammatory Cytokines in Rat Liver Tissue. Molecules, 2022, 27, 2596.	3.8	19
8	Evaluation of Conocarpus erectus against multidrug resistant Staphylococcus aureus: Cell to animal study.. Pakistan Journal of Pharmaceutical Sciences, 2022, 35, 273-280.	0.2	0
9	In Vitro and Biological Characterization of Dexamethasone Sodium Phosphate Laden pH-Sensitive and Mucoadhesive Hydroxy Propyl $\beta$ -Cyclodextrin-g-poly(Acrylic Acid)/Gelatin Semi-Interpenetrating Networks. Gels, 2022, 8, 290.	4.5	6
10	Effects of Fagonia indica on Letrozole-Induced Polycystic Ovarian Syndrome (PCOS) in Young Adult Female Rats. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-13.	1.2	20
11	Ameliorating Effect of Malva neglecta Wallr on Obesity and Diabetes in Wistar Rats: A Mechanistic Study. BioMed Research International, 2022, 2022, 1-15.	1.9	7
12	Exploration of molecular mechanisms responsible for anti-inflammatory and anti-angiogenic attributes of methanolic extract of Viola betonicifolia. Inflammopharmacology, 2022, 30, 1459-1474.	3.9	4
13	Therapeutic Potential of Standardized Extract of <i>Melilotus indicus</i> (L.) All. and Its Phytochemicals against Skin Cancer in Animal Model: <i>In Vitro</i> , <i>In Vivo</i> , and <i>In Silico</i> Studies. ACS Omega, 2022, 7, 25772-25782.	3.5	10
14	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.	1.8	12
15	Investigation of in vivo anti-inflammatory and anti-angiogenic attributes of coumarin-rich ethanolic extract of Melilotus indicus. Inflammopharmacology, 2021, 29, 281-293.	3.9	12
16	Asphodelus tenuifolius extracts arrested inflammation and arthritis through modulation of TNF- $\alpha$ , NF- $\kappa$ B, ILs, and COX-2 activities in in vivo models. Inflammopharmacology, 2021, 29, 483-497.	3.9	21
17	In vitro and in vivo evaluation of gellan gum hydrogel films: Assessing the co impact of therapeutic oils and ofloxacin on wound healing. International Journal of Biological Macromolecules, 2021, 166, 483-495.	7.5	56
18	Appraisal of the Antiarthritic Potential of Prazosin via Inhibition of Proinflammatory Cytokine TNF- $\alpha$ : A Key Player in Rheumatoid Arthritis. ACS Omega, 2021, 6, 2379-2388.	3.5	11

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19	Nanoemulgel, an Innovative Carrier for Diflunisal Topical Delivery with Profound Anti-Inflammatory Effect: in vitro and in vivo Evaluation. International Journal of Nanomedicine, 2021, Volume 16, 1457-1472.	6.7	37
20	Trigonella foenum-graecum Seeds Oil Attenuated Inflammation and Angiogenesis in vivo through Down-Regulation of TNF- $\alpha$ . Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1460-1471.	1.7	4
21	Assessing the pH responsive and mucoadhesive behavior of dexamethasone sodium phosphate loaded itaconic acid-grafted-poly(acrylamide)/carbopol semi-interpenetrating networks. Journal of Polymer Research, 2021, 28, 1.	2.4	9
22	Maternotoxicity and fetotoxicity in <i>Rattus norvegicus</i> albinus exposed to tramadol during the late phase of pregnancy. Birth Defects Research, 2021, 113, 1407-1421.	1.5	8
23	$\beta$ -Caryophyllene Induces Apoptosis and Inhibits Angiogenesis in Colorectal Cancer Models. International Journal of Molecular Sciences, 2021, 22, 10550.	4.1	13
24	Glimepiride-Loaded Nanoemulgel; Development, In Vitro Characterization, Ex Vivo Permeation and In Vivo Antidiabetic Evaluation. Cells, 2021, 10, 2404.	4.1	19
25	Molecular Mechanisms Responsible for In Vitro Cytotoxic Attributes of Conyza bonariensis Extract against Lymphoblastic Leukaemia Jurkat Cells. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	1.7	1
26	Pharmacological evaluation of Euphorbia hirta, Fagonia indica and Capparis decidua in hypertension through in-vivo and in vitro-assays. Heliyon, 2021, 7, e08094.	3.2	7
27	Potential role of marine species-derived bioactive agents in the management of SARS-CoV-2 infection. Future Microbiology, 2021, 16, 1289-1301.	2.0	3
28	Antihypertensive and safety studies of Cydonia oblonga M. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 687-691.	0.2	1
29	Protective effect of Heliotropium strigosum 70% aqueous methanolic extract against paracetamol induced hepatotoxicity in mice. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 693-698.	0.2	0
30	Acacia modesta attenuates MnCl <sub>2</sub> induced hepatotoxicity, oxidative stress and hepatic inflammation in wistar rats. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 265-274.	0.2	0
31	Pharmacological, Phytochemical and histopathological basis of Conyza bonariensis in the potential management of diabetes mellitus.. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 2371-2377.	0.2	0
32	Moringa rivae leaf extracts attenuate Complete Freund's adjuvant-induced arthritis in Wistar rats via modulation of inflammatory and oxidative stress biomarkers. Inflammopharmacology, 2020, 28, 139-151.	3.9	66
33	Phytochemicals targeting matrix metalloproteinases regulating tissue degradation in inflammation and rheumatoid arthritis. Phytomedicine, 2020, 66, 153134.	5.3	36
34	Amino-decorated mesoporous silica nanoparticles for controlled sofosbuvir delivery. European Journal of Pharmaceutical Sciences, 2020, 143, 105184.	4.0	23
35	Antioxidant, anti-inflammatory and antiarthritic potential of Moringa oleifera Lam: An ethnomedicinal plant of Moringaceae family. South African Journal of Botany, 2020, 128, 246-256.	2.5	88
36	HPLC analysis, cytotoxicity, and safety study of Moringa oleifera Lam. (wild type) leaf extract. Journal of Food Biochemistry, 2020, 44, e13400.	2.9	19

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37	Pharmacokinetics and antiangiogenic studies of potassium koetjapate in rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110602.	5.6	3
38	COVID-19 and therapy with essential oils having antiviral, anti-inflammatory, and immunomodulatory properties. <i>Inflammopharmacology</i> , 2020, 28, 1153-1161.	3.9	144
39	Methanolic extract of <i>Ephedra ciliata</i> promotes wound healing and arrests inflammatory cascade in vivo through downregulation of TNF- $\alpha$ . <i>Inflammopharmacology</i> , 2020, 28, 1691-1704.	3.9	26
40	Evaluation of in vivo anti-inflammatory and anti-angiogenic attributes of methanolic extract of <i>Launaea spinosa</i> . <i>Inflammopharmacology</i> , 2020, 28, 993-1008.	3.9	24
41	<i>Polystichum braunii</i> extracts inhibit Complete Freund's adjuvant-induced arthritis via upregulation of I $\kappa$ B, 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> , 2020, 28, 1633-1648.	3.9	37
42	Complementary effects of <i>Orthosiphon stamineus</i> standardized ethanolic extract and rosmarinic acid in combination with gemcitabine on pancreatic cancer. <i>Biomedical Journal</i> , 2020, 44, 694-708.	3.1	10
43	The use of <i>Euphorbia hirta</i> L. (Euphorbiaceae) in diarrhea and constipation involves calcium antagonism and cholinergic mechanisms. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 14.	2.7	14
44	A novel terpenoid class for prevention and treatment of KRAS-driven cancers: Comprehensive analysis using in situ, in vitro, and in vivo model systems. <i>Molecular Carcinogenesis</i> , 2020, 59, 886-896.	2.7	9
45	In-Vitro and In-Vivo Evaluation of Velpatasvir- Loaded Mesoporous Silica Scaffolds. A Prospective Carrier for Drug Bioavailability Enhancement. <i>Pharmaceutics</i> , 2020, 12, 307.	4.5	23
46	Isolation, Characterization and Preliminary Cytotoxic and Antifungal Evaluations of Novel Lancifoliate Isolated from Methanol Extract of <i>Conocarpus lancifolius</i> . <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1664-1672.	1.7	5
47	Anti-Proliferative and Apoptosis-Inducing Activity of <i>Acacia Modesta</i> and <i>Opuntia Monocantha</i> Extracts on HeLa Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3125-3131.	1.2	9
48	A systematic review on chromatography-based method validation for quantification of vancomycin in biological matrices. <i>Bioanalysis</i> , 2020, 12, 1767-1786.	1.5	0
49	A flavonoid driven phyto-pharmacological effects of <i>Capparis decidua</i> Edgew. in rodents. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 333-342.	0.2	1
50	Stability indicating RP-HPLC method of dexibuprofen in nanocream formulation: Identification and quantification. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 1815-1821.	0.2	0
51	Study on vascular mechanisms underlying the hypotensive effect of <i>Sorghum halepense</i> (L.) Pers. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 2219-2230.	0.2	0
52	Phytochemical analysis and hypotensive potential of <i>Teucrium stocksianum</i> Boiss. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 2707-2713.	0.2	1
53	Toxicological studies of <i>Orthosiphon stamineus</i> (Misai Kucing) standardized ethanol extract in combination with gemcitabine in athymic nude mice model. <i>Journal of Advanced Research</i> , 2019, 15, 59-68.	9.5	18
54	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

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55	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
56	HPLC Analysis and In Vivo Renoprotective Evaluation of Hydroalcoholic Extract of Cucumis melo Seeds in Gentamicin-Induced Renal Damage. <i>Medicina (Lithuania)</i> , 2019, 55, 107.	2.0	12
57	Amelioration of adjuvant induced arthritis in Sprague Dawley rats through modulation of inflammatory mediators by <i>Ribes alpestre</i> Decne. <i>Journal of Ethnopharmacology</i> , 2019, 235, 460-471.	4.1	18
58	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
59	Pharmacological studies on the laxative effects of <i>Fagonia indica</i> on rodents. <i>Bangladesh Journal of Pharmacology</i> , 2019, 14, 166-173.	0.4	2
60	Structural basis of the leukocyte integrin Mac-1 I-domain interactions with the platelet glycoprotein Ib. <i>Blood Advances</i> , 2019, 3, 1450-1459.	5.2	16
61	Establishment of in vitro and in vivo anti-colon cancer efficacy of essential oils containing oleo-gum resin extract of <i>Mesua ferrea</i> . <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1620-1629.	5.6	17
62	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
63	Amygdalin from Apricot Kernels Induces Apoptosis and Causes Cell Cycle Arrest in Cancer Cells: An Updated Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1650-1655.	1.7	53
64	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
65	Facile synthesis of mesoporous silica nanoparticles using modified sol-gel method: Optimization and in vitro cytotoxicity studies. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1805-1812.	0.2	1
66	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
67	Hepatoprotective potential and chemical characterization of <i>Artocarpus lakoocha</i> fruit extract. <i>Bangladesh Journal of Pharmacology</i> , 2018, 13, 90.	0.4	10
68	Adipocytokine Regulation and Antiangiogenic Activity Underlie the Molecular Mechanisms of Therapeutic Effects of <i>Phyllanthus niruri</i> against Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2018, 10, 1057.	4.1	17
69	Superoxide via Sp3 mechanism increases renal renin activity, renal AT1 receptor function, and blood pressure in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1478-F1483.	2.7	5
70	Increasing beta cell mass to treat diabetes mellitus. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1309-1315.	1.4	15
71	Effect of lipophilicity of wingtip groups on the anticancer potential of mono $\text{N}\delta$ -heterocyclic carbene silver(I) complexes: Synthesis, crystal structures and in vitro anticancer study. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3735.	3.5	20
72	Evaluation of antihypertensive potential of <i>Ficus carica</i> fruit. <i>Pharmaceutical Biology</i> , 2017, 55, 1047-1053.	2.9	38

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73	Co-delivery strategies to overcome multidrug resistance in ovarian cancer. <i>International Journal of Pharmaceutics</i> , 2017, 533, 111-124.	5.2	36
74	Isoledene from <i>Mesua ferrea</i> oleo-gum resin induces apoptosis in HCT 116 cells through ROS-mediated modulation of multiple proteins in the apoptotic pathways: A mechanistic study. <i>Toxicology Letters</i> , 2016, 257, 84-96.	0.8	28
75	Synthesis, crystal structure, in vitro anticancer and in vivo acute oral toxicity studies of tetramethylene linked bis-benzimidazolium salts and their respective dinuclear Ag(I)–NHC complexes. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3367-3383.	2.2	11
76	Anticancer attributes of <i>Illicium verum</i> essential oils against colon cancer. <i>South African Journal of Botany</i> , 2016, 103, 156-161.	2.5	60
77	ANTIDIABETIC AND ANTIDYSLIPIDEMIC EFFECTS OF HELIOTROPIUM STRIGOSUM IN RAT MODELS OF TYPE I AND TYPE II DIABETES. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 1575-1586.	0.1	2
78	Review-Epigenetic therapy for cancer. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 1023-32.	0.2	6
79	Inhibitors of Apoptotic Proteins: New Targets for Anticancer Therapy. <i>Chemical Biology and Drug Design</i> , 2013, 82, 243-251.	3.2	117
80	Beneficial health effects of lupeol triterpene: A review of preclinical studies. <i>Life Sciences</i> , 2011, 88, 285-293.	4.3	261
81	Specific targeting of Wnt/β-catenin signaling in human melanoma cells by a dietary triterpene lupeol. <i>Carcinogenesis</i> , 2010, 31, 1844-1853.	2.8	71
82	Lupeol inhibits proliferation of human prostate cancer cells by targeting β-catenin signaling. <i>Carcinogenesis</i> , 2009, 30, 808-817.	2.8	84
83	Suppression of cFLIP by Lupeol, a Dietary Triterpene, Is Sufficient to Overcome Resistance to TRAIL-Mediated Apoptosis in Chemoresistant Human Pancreatic Cancer Cells. <i>Cancer Research</i> , 2009, 69, 1156-1165.	0.9	84
84	Lupeol, a novel anti-inflammatory and anti-cancer dietary triterpene. <i>Cancer Letters</i> , 2009, 285, 109-115.	7.2	456
85	Lupeol triterpene, a novel diet-based microtubule targeting agent: Disrupts survivin/cFLIP activation in prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 576-582.	2.1	33
86	Lupeol Inhibits Growth of Highly Aggressive Human Metastatic Melanoma Cells <i>in vitro</i> and <i>in vivo</i> by Inducing Apoptosis. <i>Clinical Cancer Research</i> , 2008, 14, 2119-2127.	7.0	125
87	A Dietary Anthocyanidin Delphinidin Induces Apoptosis of Human Prostate Cancer PC3 Cells <i>in vitro</i> and <i>in vivo</i> : Involvement of Nuclear Factor-κB Signaling. <i>Cancer Research</i> , 2008, 68, 8564-8572.	0.9	207
88	Anthocyanin- and hydrolyzable tannin-rich pomegranate fruit extract modulates MAPK and NF-κB pathways and inhibits skin tumorigenesis in CD-1 mice. <i>International Journal of Cancer</i> , 2005, 113, 423-433.	5.1	405
89	Lupeol, a fruit and vegetable based triterpene, induces apoptotic death of human pancreatic adenocarcinoma cells via inhibition of Ras signaling pathway. <i>Carcinogenesis</i> , 2005, 26, 1956-1964.	2.8	119
90	A Novel Dietary Triterpene Lupeol Induces Fas-Mediated Apoptotic Death of Androgen-Sensitive Prostate Cancer Cells and Inhibits Tumor Growth in a Xenograft Model. <i>Cancer Research</i> , 2005, 65, 11203-11213.	0.9	118

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91	Lupeol modulates NF- $\kappa$ B and PI3K/Akt pathways and inhibits skin cancer in CD-1 mice. <i>Oncogene</i> , 2004, 23, 5203-5214.	5.9	237
92	Lupeol, a triterpene, prevents free radical mediated macromolecular damage and alleviates benzoyl peroxide induced biochemical alterations in murine skin. <i>Indian Journal of Experimental Biology</i> , 2003, 41, 827-31.	0.0	14
93	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
94	Nephroprotective Potential of a Standardized Extract of <i>Bambusa arundinacea</i> : <i>In Vitro</i> and <i>In Vivo</i> Studies. <i>ACS Omega</i> , 0, , .	3.5	9