

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	Lupeol, a novel anti-inflammatory and anti-cancer dietary triterpene. <i>Cancer Letters</i> , 2009, 285, 109-115.	7.2	456
2	Anthocyanin- and hydrolyzable tannin-rich pomegranate fruit extract modulates MAPK and NF- κ B pathways and inhibits skin tumorigenesis in CD-1 mice. <i>International Journal of Cancer</i> , 2005, 113, 423-433.	5.1	405
3	Beneficial health effects of lupeol triterpene: A review of preclinical studies. <i>Life Sciences</i> , 2011, 88, 285-293.	4.3	261
4	Lupeol modulates NF- κ B and PI3K/Akt pathways and inhibits skin cancer in CD-1 mice. <i>Oncogene</i> , 2004, 23, 5203-5214.	5.9	237
5	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- κ B Signaling. <i>Cancer Research</i> , 2008, 68, 8564-8572.	0.9	207
6	COVID-19 and therapy with essential oils having antiviral, anti-inflammatory, and immunomodulatory properties. <i>Inflammopharmacology</i> , 2020, 28, 1153-1161.	3.9	144
7	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
8	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
9	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
10	Inhibitors of Apoptotic Proteins: New Targets for Anticancer Therapy. <i>Chemical Biology and Drug Design</i> , 2013, 82, 243-251.	3.2	117
11	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
12	Lupeol inhibits proliferation of human prostate cancer cells by targeting β -catenin signaling. <i>Carcinogenesis</i> , 2009, 30, 808-817.	2.8	84
13	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
14	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
15	<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
16	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
17	<i>In vitro</i> and <i>in vivo</i> evaluation of gellan gum hydrogel films: Assessing the co impact of therapeutic oils and ofloxacin on wound healing. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 483-495.	7.5	56
18	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

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19	Evaluation of antihypertensive potential of <i>Ficus carica</i> fruit. <i>Pharmaceutical Biology</i> , 2017, 55, 1047-1053.	2.9	38
20	Polystichum braunii extracts inhibit Complete Freund's adjuvant-induced arthritis via upregulation of I $\kern-0.25ex\textcircled{B}$, IL-4, and IL-10, downregulation of COX-2, PGE2, IL-1 β , IL-6, NF- $\kern-0.25ex\textcircled{B}$, and TNF- α , and subsiding oxidative stress. <i>Inflammopharmacology</i> , 2020, 28, 1633-1648.	3.9	37
21	Nanoemulgel, an Innovative Carrier for Diflunisal Topical Delivery with Profound Anti-Inflammatory Effect: in vitro and in vivo Evaluation. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1457-1472.	6.7	37
22	Co-delivery strategies to overcome multidrug resistance in ovarian cancer. <i>International Journal of Pharmaceutics</i> , 2017, 533, 111-124.	5.2	36
23	Phytochemicals targeting matrix metalloproteinases regulating tissue degradation in inflammation and rheumatoid arthritis. <i>Phytomedicine</i> , 2020, 66, 153134.	5.3	36
24	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
25	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
26	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
27	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
28	Methanolic extract of <i>Ephedra ciliata</i> promotes wound healing and arrests inflammatory cascade in vivo through downregulation of TNF- α . <i>Inflammopharmacology</i> , 2020, 28, 1691-1704.	3.9	26
29	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
30	Amino-decorated mesoporous silica nanoparticles for controlled sofosbuvir delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 143, 105184.	4.0	23
31	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
32	<i>Asphodelus tenuifolius</i> extracts arrested inflammation and arthritis through modulation of TNF- α , NF- $\kern-0.25ex\textcircled{B}$, ILs, and COX-2 activities in in vivo models. <i>Inflammopharmacology</i> , 2021, 29, 483-497.	3.9	21
33	Effect of lipophilicity of wingtip groups on the anticancer potential of mono N-heterocyclic carbene silver(I) complexes: Synthesis, crystal structures and in vitro anticancer study. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3735.	3.5	20
34	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
35	Effects of <i>Fagonia indica</i> on Letrozole-Induced Polycystic Ovarian Syndrome (PCOS) in Young Adult Female Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	1.2	20
36	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

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37	Glimepiride-Loaded Nanoemulgel; Development, In Vitro Characterization, Ex Vivo Permeation and In Vivo Antidiabetic Evaluation. <i>Cells</i> , 2021, 10, 2404.	4.1	19
38	A Novel Distachionate from <i>Breynia distachia</i> Treats Inflammations by Modulating COX-2 and Inflammatory Cytokines in Rat Liver Tissue. <i>Molecules</i> , 2022, 27, 2596.	3.8	19
39	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
40	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
41	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
42	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
43	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
44	Increasing beta cell mass to treat diabetes mellitus. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1309-1315.	1.4	15
45	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
46	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
47	Î²-Caryophyllene Induces Apoptosis and Inhibits Angiogenesis in Colorectal Cancer Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10550.	4.1	13
48	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
49	HPLC Analysis and In Vivo Renoprotective Evaluation of Hydroalcoholic Extract of <i>Cucumis melo</i> Seeds in Gentamicin-Induced Renal Damage. <i>Medicina (Lithuania)</i> , 2019, 55, 107.	2.0	12
50	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
51	Investigation of in vivo anti-inflammatory and anti-angiogenic attributes of coumarin-rich ethanolic extract of <i>Melilotus indicus</i> . <i>Inflammopharmacology</i> , 2021, 29, 281-293.	3.9	12
52	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)â€“NHC complexes. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3367-3383.	2.2	11
53	Appraisal of the Antiarthritic Potential of Prazosin via Inhibition of Proinflammatory Cytokine TNF-Î±: A Key Player in Rheumatoid Arthritis. <i>ACS Omega</i> , 2021, 6, 2379-2388.	3.5	11
54	Hepatoprotective potential and chemical characterization of <i>Artocarpus lakoocha</i> fruit extract. <i>Bangladesh Journal of Pharmacology</i> , 2018, 13, 90.	0.4	10

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55	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
56	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. <i>ACS Omega</i> , 2022, 7, 25772-25782.	3.5	10
57	A novel terpenoid class for prevention and treatment of <i>KRAS</i> -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
58	Assessing the pH responsive and mucoadhesive behavior of dexamethasone sodium phosphate loaded itaconic acid-grafted-poly(acrylamide)/carbopol semi-interpenetrating networks. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	9
59	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
60	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
61	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
62	Maternotoxicity and fetotoxicity in <i>Rattus norvegicus</i> <i>albinus</i> exposed to tramadol during the late phase of pregnancy. <i>Birth Defects Research</i> , 2021, 113, 1407-1421.	1.5	8
63	Pharmacological evaluation of <i>Euphorbia hirta</i> , <i>Fagonia indica</i> and <i>Capparis decidua</i> in hypertension through in-vivo and in vitro-assays. <i>Heliyon</i> , 2021, 7, e08094.	3.2	7
64	Evaluation of antidiabetic and wound healing properties of ethanol extract of <i>Hedera nepalensis</i> in alloxan-induced diabetic rats. <i>South African Journal of Botany</i> , 2022, 146, 118-126.	2.5	7
65	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
66	<i>Raphanus sativus</i> Seeds Oil Arrested in vivo Inflammation and Angiogenesis through Down-regulation of TNF- α . <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 728-739.	1.6	6
67	Review-Epigenetic therapy for cancer. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 1023-32.	0.2	6
68	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.	0.2	6
69	In Vitro and Biological Characterization of Dexamethasone Sodium Phosphate Laden pH-Sensitive and Mucoadhesive Hydroxy Propyl β -Cyclodextrin-g-poly(Acrylic Acid)/Gelatin Semi-Interpenetrating Networks. <i>Gels</i> , 2022, 8, 290.	4.5	6
70	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
71	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
72	COVID-19 vaccine trials and sex-disaggregated data. <i>Expert Review of Vaccines</i> , 2022, 21, 285-288.	4.4	5

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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	Trigonella foenum-graecum Seeds Oil Attenuated Inflammation and Angiogenesis in vivo through Down-Regulation of TNF- α . <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1460-1471.	1.7	4
75	Exploration of molecular mechanisms responsible for anti-inflammatory and anti-angiogenic attributes of methanolic extract of <i>Viola betonicifolia</i> . <i>Inflammopharmacology</i> , 2022, 30, 1459-1474.	3.9	4
76	Pharmacokinetics and antiangiogenic studies of potassium koetjapate in rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110602.	5.6	3
77	Potential role of marine species-derived bioactive agents in the management of SARS-CoV-2 infection. <i>Future Microbiology</i> , 2021, 16, 1289-1301.	2.0	3
78	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
79	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. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 585-595.	2.4	2
80	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
81	ANTIDIABETIC AND ANTIDYSLIPIDEMIC EFFECTS OF <i>HELIOTROPILUM STRIGOSUM</i> IN RAT MODELS OF TYPE I AND TYPE II DIABETES. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 1575-1586.	0.1	2
82	Medical Preparedness and Response Aspect: Role of Pharmacists in Disaster Management. <i>Disaster Medicine and Public Health Preparedness</i> , 2022, 16, 1723-1724.	1.3	1
83	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
84	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
85	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
86	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
87	Antihypertensive and safety studies of <i>Cydonia oblonga</i> M. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 687-691.	0.2	1
88	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
89	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
90	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

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91	Protective effect of <i>Heliotropium strigosum</i> 70% aqueous methanolic extract against paracetamol induced hepatotoxicity in mice. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 693-698.	0.2	0
92	<i>Acacia modesta</i> attenuates MnCl ₂ induced hepatotoxicity, oxidative stress and hepatic inflammation in wistar rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 265-274.	0.2	0
93	Pharmacological, Phytochemical and histopathological basis of <i>Conyza bonariensis</i> in the potential management of diabetes mellitus.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 2371-2377.	0.2	0
94	Evaluation of <i>Conocarpus erectus</i> against multidrug resistant <i>Staphylococcus aureus</i> : Cell to animal study.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 273-280.	0.2	0