

Salman Khan

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,747
citations

147726

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206029

48
g-index

88
all docs

88
docs citations

88
times ranked

3159
citing authors

#	ARTICLE	IF	CITATIONS
1	Topical delivery of curcumin-loaded transfersomes gel ameliorated rheumatoid arthritis by inhibiting NF- κ B pathway. , 2022, , .		0
2	Comprehensive in vivo and in silico approaches to explore the hepatoprotective activity of poncirin against paracetamol toxicity. Naunyn-Schmiedeberg's Archives of Pharmacology, 2022, 395, 195-215.	1.4	6
3	Icariin attenuates cyclophosphamide-induced cystitis via down-regulation of NF- κ B and up-regulation of Nrf-2/HO-1 signaling pathways in mice model. International Immunopharmacology, 2022, 106, 108604.	1.7	14
4	(2-hydroxynaphthalen-1-yl) diazenyl benzohydrazides (1) (NCHDH and NTHDH) attenuate DMBA-induced breast cancer via Nrf2/NF- κ B/apoptosis signaling. Fundamental and Clinical Pharmacology, 2022, 36, 879-897.	1.0	10
5	Pharmacological mechanism of xanthoangelol underlying Nrf-2/TRPV1 and anti-apoptotic pathway against scopolamine-induced amnesia in mice. Biomedicine and Pharmacotherapy, 2022, 150, 113073.	2.5	9
6	Coagulansin-A improves spatial memory in 5xFAD Tg mice by targeting Nrf-2/NF- κ B and Bcl-2 pathway. International Immunopharmacology, 2022, 109, 108860.	1.7	8
7	Potential applications of PEGylated green gold nanoparticles in cyclophosphamide-induced cystitis. Artificial Cells, Nanomedicine and Biotechnology, 2022, 50, 130-146.	1.9	3
8	Anti-Inflammatory and Anti-Rheumatic Potential of Selective Plant Compounds by Targeting TLR-4/AP-1 Signaling: A Comprehensive Molecular Docking and Simulation Approaches. Molecules, 2022, 27, 4319.	1.7	10
9	Anti-inflammatory and analgesic potential of leaf extract of Justicia adhatoda L. (Acanthaceae) in Carrageenan and Formalin-induced models by targeting oxidative stress. Biomedicine and Pharmacotherapy, 2022, 153, 113322.	2.5	7
10	Structural features, anticancer, antioxidant and anti-acetylcholinesterase studies of [(DTCs)(PAR3)PdCl]. Inorganic Chemistry Communication, 2021, 123, 108316.	1.8	3
11	7 β -(3-Ethyl-cis-crotonoyloxy)-1 α -(2-methylbutyryloxy)-3,14-dehydro-Z Notonipetranone Attenuates Neuropathic Pain by Suppressing Oxidative Stress, Inflammatory and Pro-Apoptotic Protein Expressions. Molecules, 2021, 26, 181.	1.7	22
12	Surface modified multifaceted nanocarriers for oral non-conventional cancer therapy; synthesis and evaluation. Materials Science and Engineering C, 2021, 123, 111940.	3.8	12
13	Topical delivery of curcumin-loaded transfersomes gel ameliorated rheumatoid arthritis by inhibiting NF- κ B pathway. Nanomedicine, 2021, 16, 819-837.	1.7	39
14	Pharmacological evaluation of continentalic acid for antidiabetic potential. Biomedicine and Pharmacotherapy, 2021, 138, 111411.	2.5	3
15	Alleviation of Memory Deficit by Bergenin via the Regulation of Reelin and Nrf-2/NF- κ B Pathway in Transgenic Mouse Model. International Journal of Molecular Sciences, 2021, 22, 6603.	1.8	31
16	Suppression of TRPV1/TRPM8/P2Y Nociceptors by Withametelin via Downregulating MAPK Signaling in Mouse Model of Vincristine-Induced Neuropathic Pain. International Journal of Molecular Sciences, 2021, 22, 6084.	1.8	36
17	Extracellular vesicles in cancer diagnostics and therapeutics. , 2021, 223, 107806.		42
18	A holistic QBD approach to design galactose conjugated PLGA polymer and nanoparticles to catch macrophages during intestinal inflammation. Materials Science and Engineering C, 2021, 126, 112183.	3.8	18

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19	Anti-allergic activities of Umbelliferone against histamine- and Picryl chloride-induced ear edema by targeting Nrf2/iNOS signaling in mice. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 215.	1.2	11
20	Evaluating the mucoprotective effects of glycyrrhizic acid-loaded polymeric nanoparticles in a murine model of 5-fluorouracil-induced intestinal mucositis via suppression of inflammatory mediators and oxidative stress. <i>Inflammopharmacology</i> , 2021, 29, 1539-1553.	1.9	16
21	Withametelin, a novel phytosterol, alleviates neurological symptoms in EAE mouse model of multiple sclerosis via modulation of Nrf2/HO-1 and TLR4/NF- κ B signaling. <i>Neurochemistry International</i> , 2021, 151, 105211.	1.9	26
22	Anti-neuropathic pain activity of a cationic palladium (II) dithiocarbamate by suppressing the inflammatory mediators in paclitaxel-induced neuropathic pain model. <i>Molecular Biology Reports</i> , 2021, 48, 7647-7656.	1.0	9
23	Discovery of metabolic alterations in the serum of patients infected with <i>Plasmodium</i> spp. by high-resolution metabolomics. <i>Metabolomics</i> , 2020, 16, 9.	1.4	11
24	Fabrication and optimization of pH-sensitive mannose-anchored nano-vehicle as a promising approach for macrophage uptake. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 4013-4027.	1.6	9
25	Attenuation of LPS-induced acute lung injury by continentalic acid in rodents through inhibition of inflammatory mediators correlates with increased Nrf2 protein expression. <i>BMC Pharmacology & Toxicology</i> , 2020, 21, 81.	1.0	40
26	The newly synthesized compounds (NCHDH and NTHDH) attenuates LPS-induced septicemia and multi-organ failure via Nrf2/HO1 and HSP/TRVP1 signaling in mice. <i>Chemico-Biological Interactions</i> , 2020, 329, 109220.	1.7	31
27	Matrine alleviates neurobehavioral alterations via modulation of JNK-mediated caspase-3 and BDNF/VEGF signaling in a mouse model of burn injury. <i>Psychopharmacology</i> , 2020, 237, 2327-2343.	1.5	39
28	Surfactant-Free, Self-Assembled Nanomicelles-Based Transdermal Hydrogel for Safe and Targeted Delivery of Methotrexate against Rheumatoid Arthritis. <i>ACS Nano</i> , 2020, 14, 4662-4681.	7.3	85
29	Development of novel pH-sensitive nanoparticle-based transdermal patch for management of rheumatoid arthritis. <i>Nanomedicine</i> , 2020, 15, 603-624.	1.7	28
30	Poncirin attenuates CCL4-induced liver injury through inhibition of oxidative stress and inflammatory cytokines in mice. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 115.	1.2	56
31	Neuroprotective effect of 25-Methoxyhispidol A against CCl4-induced behavioral alterations by targeting VEGF/BDNF and caspase-3 in mice. <i>Life Sciences</i> , 2020, 253, 117684.	2.0	29
32	Continentalic acid exhibited nephroprotective activity against the LPS and <i>E. coli</i> -induced kidney injury through inhibition of the oxidative stress and inflammation. <i>International Immunopharmacology</i> , 2020, 80, 106209.	1.7	28
33	Anti-epileptic activity of daidzin in PTZ-induced mice model by targeting oxidative stress and BDNF/VEGF signaling. <i>NeuroToxicology</i> , 2020, 79, 150-163.	1.4	42
34	Glycyrrhizic acid-loaded pH-sensitive poly-(lactic-co-glycolic acid) nanoparticles for the amelioration of inflammatory bowel disease. <i>Nanomedicine</i> , 2019, 14, 1945-1969.	1.7	36
35	Biomimetic hydroxyapatite as potential polymeric nanocarrier for the treatment of rheumatoid arthritis. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2595-2600.	2.1	14
36	Mucoprotective effects of Saikosaponin-A in 5-fluorouracil-induced intestinal mucositis in mice model. <i>Life Sciences</i> , 2019, 239, 116888.	2.0	60

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37	Effect of developmental exposure to bisphenol A on steroid hormone and vitamin D3 metabolism. <i>Chemosphere</i> , 2019, 237, 124469.	4.2	16
38	Medication Adherence and Its Association with Health Literacy and Performance in Activities of Daily Livings among Elderly Hypertensive Patients in Islamabad, Pakistan. <i>Medicina (Lithuania)</i> , 2019, 55, 163.	0.8	36
39	Anomalin attenuates LPS-induced acute lungs injury through inhibition of AP-1 signaling. <i>International Immunopharmacology</i> , 2019, 73, 451-460.	1.7	36
40	Metabolite tracking to elucidate the effects of environmental pollutants. <i>Journal of Hazardous Materials</i> , 2019, 376, 112-124.	6.5	11
41	N-Pyrazoloyl and N-thiopheneacetyl hydrazone of isatin exhibited potent anti-inflammatory and anti-nociceptive properties through suppression of NF- κ B, MAPK and oxidative stress signaling in animal models of inflammation. <i>Inflammation Research</i> , 2019, 68, 613-632.	1.6	31
42	Suppression of TRPV1 and P2Y nociceptors by honokiol isolated from <i>Magnolia officinalis</i> in 3rd degree burn mice by inhibiting inflammatory mediators. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108777.	2.5	36
43	Matrine ameliorates anxiety and depression-like behaviour by targeting hyperammonemia-induced neuroinflammation and oxidative stress in CCl4 model of liver injury. <i>NeuroToxicology</i> , 2019, 72, 38-50.	1.4	85
44	Diadzein ameliorates 5-fluorouracil-induced intestinal mucositis by suppressing oxidative stress and inflammatory mediators in rodents. <i>European Journal of Pharmacology</i> , 2019, 843, 292-306.	1.7	64
45	Effect of 25-methoxy hispidol A isolated from <i>Poncirus trifoliata</i> against bacteria-induced anxiety and depression by targeting neuroinflammation, oxidative stress and apoptosis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 209-223.	2.5	41
46	Antinociceptive properties of 25-methoxy hispidol A, a triterpinoid isolated from <i>Poncirus trifoliata</i> (Rutaceae) through inhibition of NF- κ B signalling in mice. <i>Phytotherapy Research</i> , 2019, 33, 327-341.	2.8	43
47	Advances in orally-delivered pH-sensitive nanocarrier systems; an optimistic approach for the treatment of inflammatory bowel disease. <i>International Journal of Pharmaceutics</i> , 2019, 558, 201-214.	2.6	78
48	Insight into Pain Modulation: Nociceptors Sensitization and Therapeutic Targets. <i>Current Drug Targets</i> , 2019, 20, 775-788.	1.0	43
49	Integrative Omics Reveals Metabolic and Transcriptomic Alteration of Nonalcoholic Fatty Liver Disease in Catalase Knockout Mice. <i>Biomolecules and Therapeutics</i> , 2019, 27, 134-144.	1.1	11
50	Preparation and Characterization of Agar Based Magnetic Nanocomposite for Potential Biomedical Applications. <i>Current Pharmaceutical Design</i> , 2019, 25, 3672-3680.	0.9	5
51	Anti-inflammatory, anti-rheumatic and analgesic activities of 2-(5-mercapto-1,3,4-oxadiazol-2-yl)-N-propylbenzenesulphonamide (MOPBS) in rodents. <i>Inflammopharmacology</i> , 2018, 26, 1037-1049.	1.9	24
52	Metabolomics on Preadolescent Children With High Urinary Bisphenol A: Response to Dr Williams. <i>Toxicological Sciences</i> , 2018, 164, 3-4.	1.4	0
53	High resolution metabolomics to determines the risk associated with bisphenol A exposure in humans. <i>Environmental Toxicology and Pharmacology</i> , 2018, 58, 1-10.	2.0	11
54	Biaryl scaffold-focused virtual screening for anti-aggregatory and neuroprotective effects in Alzheimer's disease. <i>BMC Neuroscience</i> , 2018, 19, 74.	0.8	20

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55	Increased urinary L-histidine in patients with asthma–COPD overlap: a pilot study. International Journal of COPD, 2018, Volume 13, 1809-1818.	0.9	23
56	Antihyperalgesic Properties of Honokiol in Inflammatory Pain Models by Targeting of NF- κ B and Nrf2 Signaling. Frontiers in Pharmacology, 2018, 9, 140.	1.6	77
57	Anti-neuroinflammatory Potential of Natural Products in Attenuation of Alzheimer's Disease. Frontiers in Pharmacology, 2018, 9, 548.	1.6	152
58	Attenuation of inflammatory pain by puerarin in animal model of inflammation through inhibition of pro-inflammatory mediators. International Immunopharmacology, 2018, 61, 306-316.	1.7	52
59	A metabolomic study on high-risk stroke patients determines low levels of serum lysine metabolites: a retrospective cohort study. Molecular BioSystems, 2017, 13, 1109-1120.	2.9	43
60	Elevated Metabolites of Steroidogenesis and Amino Acid Metabolism in Preadolescent Female Children With High Urinary Bisphenol A Levels: A High-Resolution Metabolomics Study. Toxicological Sciences, 2017, 160, 371-385.	1.4	26
61	Investigation of the Hepatoprotective Effect of <i>Prunus mume</i> Sieb. et Zucc Extract in a Mouse Model of Alcoholic Liver Injury Through High-Resolution Metabolomics. Journal of Medicinal Food, 2017, 20, 734-743.	0.8	15
62	Attenuation of neuropathic pain and neuroinflammatory responses by a pyranocoumarin derivative, anomalin in animal and cellular models. European Journal of Pharmacology, 2016, 774, 95-104.	1.7	39
63	Pharmacological mechanism underlying anti-inflammatory properties of two structurally divergent coumarins through the inhibition of pro-inflammatory enzymes and cytokines. Journal of Inflammation, 2015, 12, 47.	1.5	26
64	Ginsenosides as Food Supplements and Their Potential Role in Immunological and Neurodegenerative Disorders. , 2015, , 303-309.		7
65	Surface Glycopolymers Are Crucial for <i>In Vitro</i> Anti-Wall Teichoic Acid IgG-Mediated Complement Activation and Opsonophagocytosis of Staphylococcus aureus. Infection and Immunity, 2015, 83, 4247-4255.	1.0	29
66	Antioxidant Actions of Spices and Their Phytochemicals on Age-Related Diseases. , 2015, , 311-318.		1
67	Anti-hyperalgesic and anti-allodynic activities of capillarisin via suppression of inflammatory signaling in animal model. Journal of Ethnopharmacology, 2014, 152, 478-486.	2.0	43
68	Desoxyrhapontigenin, a potent anti-inflammatory phytochemical, inhibits LPS-induced inflammatory responses via suppressing NF- κ B and MAPK pathways in RAW 264.7 cells. International Immunopharmacology, 2014, 18, 182-190.	1.7	46
69	Anti-inflammatory properties of samidin from <i>Seseli resinosum</i> through suppression of NF- κ B and AP-1-mediated-genes in LPS-stimulated RAW 264.7 cells. Archives of Pharmacal Research, 2014, 37, 1496-1503.	2.7	17
70	Application of stepwise gradients in counter-current chromatography: A rapid and economical strategy for the one-step separation of eight coumarins from <i>Seseli resinosum</i> . Journal of Chromatography A, 2013, 1310, 66-73.	1.8	25
71	Anti-inflammatory properties of anthraquinones and their relationship with the regulation of P-glycoprotein function and expression. European Journal of Pharmaceutical Sciences, 2013, 48, 272-281.	1.9	75
72	Mechanism underlying anti-hyperalgesic and anti-allodynic properties of anomalin in both acute and chronic inflammatory pain models in mice through inhibition of NF- κ B, MAPKs and CREB signaling cascades. European Journal of Pharmacology, 2013, 718, 448-458.	1.7	50

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73	Molecular mechanism of capillarisin-mediated inhibition of MyD88/TIRAP inflammatory signaling in in vitro and in vivo experimental models. <i>Journal of Ethnopharmacology</i> , 2013, 145, 626-637.	2.0	64
74	Inpatient antibiotics pharmacology and physiological use in Hayatabad medical complex, Pakistan. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2013, 5, 120-7.	0.8	3
75	Alantolactone suppresses inducible nitric oxide synthase and cyclooxygenase-2 expression by down-regulating NF- κ B, MAPK and AP-1 via the MyD88 signaling pathway in LPS-activated RAW 264.7 cells. <i>International Immunopharmacology</i> , 2012, 14, 375-383.	1.7	164
76	Anti-inflammatory Mechanism of 15,16-Epoxy-3 β -hydroxylabda-8,13(16),14-trien-7-one via Inhibition of LPS-Induced Multicellular Signaling Pathways. <i>Journal of Natural Products</i> , 2012, 75, 67-71.	1.5	48
77	Curcumin molecular targets in obesity and obesity-related cancers. <i>Future Oncology</i> , 2012, 8, 179-190.	1.1	59
78	Rational development of a selection model for solvent gradients in single-step separation of ginsenosides from <i>Panax ginseng</i> using high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2012, 35, 1462-1469.	1.3	19
79	Suppression of LPS-induced inflammatory and NF- κ B responses by anomalin in RAW 264.7 macrophages. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2179-2188.	1.2	87