

# Salman Khan

## List of Publications by Year in descending order

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79  
papers

2,747  
citations

147801

31  
h-index

206112

48  
g-index

88  
all docs

88  
docs citations

88  
times ranked

3159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alantolactone suppresses inducible nitric oxide synthase and cyclooxygenase-2 expression by down-regulating NF- $\kappa$ 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.	3.8	164
2	Anti-neuroinflammatory Potential of Natural Products in Attenuation of Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2018, 9, 548.	3.5	152
3	Suppression of LPS-induced inflammatory and NF- $\kappa$ B responses by anomalin in RAW 264.7 macrophages. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2179-2188.	2.6	87
4	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.	3.0	85
5	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.	14.6	85
6	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.	5.2	78
7	Antihyperalgesic Properties of Honokiol in Inflammatory Pain Models by Targeting of NF- $\kappa$ B and Nrf2 Signaling. <i>Frontiers in Pharmacology</i> , 2018, 9, 140.	3.5	77
8	Anti-inflammatory properties of anthraquinones and their relationship with the regulation of P-glycoprotein function and expression. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 272-281.	4.0	75
9	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.	4.1	64
10	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.	3.5	64
11	Mucoprotective effects of Saikosaponin-A in 5-fluorouracil-induced intestinal mucositis in mice model. <i>Life Sciences</i> , 2019, 239, 116888.	4.3	60
12	Curcumin molecular targets in obesity and obesity-related cancers. <i>Future Oncology</i> , 2012, 8, 179-190.	2.4	59
13	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.	2.7	56
14	Attenuation of inflammatory pain by puerarin in animal model of inflammation through inhibition of pro-inflammatory mediators. <i>International Immunopharmacology</i> , 2018, 61, 306-316.	3.8	52
15	Mechanism underlying anti-hyperalgesic and anti-allodynic properties of anomalin in both acute and chronic inflammatory pain models in mice through inhibition of NF- $\kappa$ B, MAPKs and CREB signaling cascades. <i>European Journal of Pharmacology</i> , 2013, 718, 448-458.	3.5	50
16	Anti-inflammatory Mechanism of 15,16-Epoxy-3 $\beta$ -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.	3.0	48
17	Desoxyrhapontigenin, a potent anti-inflammatory phytochemical, inhibits LPS-induced inflammatory responses via suppressing NF- $\kappa$ B and MAPK pathways in RAW 264.7 cells. <i>International Immunopharmacology</i> , 2014, 18, 182-190.	3.8	46
18	Anti-hyperalgesic and anti-allodynic activities of capillarisin via suppression of inflammatory signaling in animal model. <i>Journal of Ethnopharmacology</i> , 2014, 152, 478-486.	4.1	43

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19	A metabolomic study on high-risk stroke patients determines low levels of serum lysine metabolites: a retrospective cohort study. <i>Molecular BioSystems</i> , 2017, 13, 1109-1120.	2.9	43
20	Antinociceptive properties of 25-methoxy hispidol A, a triterpinoid isolated from <i>Poncirus trifoliata</i> (Rutaceae) through inhibition of NF- $\kappa$ B signalling in mice. <i>Phytotherapy Research</i> , 2019, 33, 327-341.	5.8	43
21	Insight into Pain Modulation: Nociceptors Sensitization and Therapeutic Targets. <i>Current Drug Targets</i> , 2019, 20, 775-788.	2.1	43
22	Extracellular vesicles in cancer diagnostics and therapeutics. , 2021, 223, 107806.		42
23	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.	3.0	42
24	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.	5.6	41
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 &amp; Toxicology</i> , 2020, 21, 81.	2.4	40
26	Attenuation of neuropathic pain and neuroinflammatory responses by a pyranocoumarin derivative, anomalin in animal and cellular models. <i>European Journal of Pharmacology</i> , 2016, 774, 95-104.	3.5	39
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.	3.1	39
28	Topical delivery of curcumin-loaded transfersomes gel ameliorated rheumatoid arthritis by inhibiting NF- $\kappa$ B pathway. <i>Nanomedicine</i> , 2021, 16, 819-837.	3.3	39
29	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.	3.3	36
30	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.	2.0	36
31	Anomalin attenuates LPS-induced acute lungs injury through inhibition of AP-1 signaling. <i>International Immunopharmacology</i> , 2019, 73, 451-460.	3.8	36
32	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.	5.6	36
33	Suppression of TRPV1/TRPM8/P2Y Nociceptors by Withametelin via Downregulating MAPK Signaling in Mouse Model of Vincristine-Induced Neuropathic Pain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6084.	4.1	36
34	N-Pyrazoloyl and N-thiopheneacetyl hydrazone of isatin exhibited potent anti-inflammatory and anti-nociceptive properties through suppression of NF- $\kappa$ B, MAPK and oxidative stress signaling in animal models of inflammation. <i>Inflammation Research</i> , 2019, 68, 613-632.	4.0	31
35	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.	4.0	31
36	Alleviation of Memory Deficit by Bergenin via the Regulation of Reelin and Nrf-2/NF- $\kappa$ B Pathway in Transgenic Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6603.	4.1	31

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37	Surface Glycopolymers Are Crucial for <i>In Vitro</i> Anti-Wall Teichoic Acid IgG-Mediated Complement Activation and Opsonophagocytosis of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2015, 83, 4247-4255.	2.2	29
38	Neuroprotective effect of 25-Methoxyhispidol A against CCl <sub>4</sub> -induced behavioral alterations by targeting VEGF/BDNF and caspase-3 in mice. <i>Life Sciences</i> , 2020, 253, 117684.	4.3	29
39	Development of novel pH-sensitive nanoparticle-based transdermal patch for management of rheumatoid arthritis. <i>Nanomedicine</i> , 2020, 15, 603-624.	3.3	28
40	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.	3.8	28
41	Pharmacological mechanism underlying anti-inflammatory properties of two structurally divergent coumarins through the inhibition of pro-inflammatory enzymes and cytokines. <i>Journal of Inflammation</i> , 2015, 12, 47.	3.4	26
42	Elevated Metabolites of Steroidogenesis and Amino Acid Metabolism in Preadolescent Female Children With High Urinary Bisphenol A Levels: A High-Resolution Metabolomics Study. <i>Toxicological Sciences</i> , 2017, 160, 371-385.	3.1	26
43	Withametelin, a novel phytosterol, alleviates neurological symptoms in EAE mouse model of multiple sclerosis via modulation of Nrf2/HO-1 and TLR4/NF- $\kappa$ B signaling. <i>Neurochemistry International</i> , 2021, 151, 105211.	3.8	26
44	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> . <i>Journal of Chromatography A</i> , 2013, 1310, 66-73.	3.7	25
45	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.	3.9	24
46	Increased urinary L-histidine in patients with asthma&ndash;COPD overlap: a pilot study. <i>International Journal of COPD</i> , 2018, Volume 13, 1809-1818.	2.3	23
47	7 $\beta$ -(3-Ethyl-cis-crotonoyloxy)-1 $\alpha$ -(2-methylbutyryloxy)-3,14-dehydro-Z Notonipetranone Attenuates Neuropathic Pain by Suppressing Oxidative Stress, Inflammatory and Pro-Apoptotic Protein Expressions. <i>Molecules</i> , 2021, 26, 181.	3.8	22
48	Biaryl scaffold-focused virtual screening for anti-aggregatory and neuroprotective effects in Alzheimer's disease. <i>BMC Neuroscience</i> , 2018, 19, 74.	1.9	20
49	Rational development of a selection model for solvent gradients in single-step separation of ginsenosides from <i>Anax ginseng</i> using high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2012, 35, 1462-1469.	2.5	19
50	A holistic QBD approach to design galactose conjugated PLGA polymer and nanoparticles to catch macrophages during intestinal inflammation. <i>Materials Science and Engineering C</i> , 2021, 126, 112183.	7.3	18
51	Anti-inflammatory properties of samidin from <i>Seseli resinosum</i> through suppression of NF- $\kappa$ B and AP-1-mediated-genes in LPS-stimulated RAW 264.7 cells. <i>Archives of Pharmacal Research</i> , 2014, 37, 1496-1503.	6.3	17
52	Effect of developmental exposure to bisphenol A on steroid hormone and vitamin D3 metabolism. <i>Chemosphere</i> , 2019, 237, 124469.	8.2	16
53	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.	3.9	16
54	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. <i>Journal of Medicinal Food</i> , 2017, 20, 734-743.	1.5	15

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55	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.	4.0	14
56	Icariin attenuates cyclophosphamide-induced cystitis via down-regulation of NF- $\kappa$ B and up-regulation of Nrf-2/HO-1 signaling pathways in mice model. <i>International Immunopharmacology</i> , 2022, 106, 108604.	3.8	14
57	Surface modified multifaceted nanocarriers for oral non-conventional cancer therapy; synthesis and evaluation. <i>Materials Science and Engineering C</i> , 2021, 123, 111940.	7.3	12
58	High resolution metabolomics to determines the risk associated with bisphenol A exposure in humans. <i>Environmental Toxicology and Pharmacology</i> , 2018, 58, 1-10.	4.0	11
59	Metabolite tracking to elucidate the effects of environmental pollutants. <i>Journal of Hazardous Materials</i> , 2019, 376, 112-124.	12.4	11
60	Discovery of metabolic alterations in the serum of patients infected with Plasmodium spp. by high-resolution metabolomics. <i>Metabolomics</i> , 2020, 16, 9.	3.0	11
61	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.	2.7	11
62	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.	2.4	11
63	<i>N</i> -(2-hydroxy-1-(2-hydroxynaphthalen-1-yl)diazenyl)benzohydrazides (1- $\kappa$ ) (NCHDH and NTHDH) attenuate DMBA-induced breast cancer via Nrf2/NF- $\kappa$ B/apoptosis signaling. <i>Fundamental and Clinical Pharmacology</i> , 2022, 36, 879-897.	1.9	10
64	Anti-Inflammatory and Anti-Rheumatic Potential of Selective Plant Compounds by Targeting TLR-4/AP-1 Signaling: A Comprehensive Molecular Docking and Simulation Approaches. <i>Molecules</i> , 2022, 27, 4319.	3.8	10
65	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.	3.1	9
66	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.	2.3	9
67	Pharmacological mechanism of xanthoangelol underlying Nrf-2/TRPV1 and anti-apoptotic pathway against scopolamine-induced amnesia in mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113073.	5.6	9
68	Coagulansin-A improves spatial memory in 5xFAD Tg mice by targeting Nrf-2/NF- $\kappa$ B and Bcl-2 pathway. <i>International Immunopharmacology</i> , 2022, 109, 108860.	3.8	8
69	Ginsenosides as Food Supplements and Their Potential Role in Immunological and Neurodegenerative Disorders. , 2015, , 303-309.		7
70	Anti-inflammatory and analgesic potential of leaf extract of <i>Justicia adhatoda</i> L. (Acanthaceae) in Carrageenan and Formalin-induced models by targeting oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113322.	5.6	7
71	Comprehensive in vivo and in silico approaches to explore the hepatoprotective activity of poncirin against paracetamol toxicity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 195-215.	3.0	6
72	Preparation and Characterization of Agar Based Magnetic Nanocomposite for Potential Biomedical Applications. <i>Current Pharmaceutical Design</i> , 2019, 25, 3672-3680.	1.9	5

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73	Structural features, anticancer, antioxidant and anti-acetylcholinesterase studies of [(DTCs)(PAr3)PdCl]. <i>Inorganic Chemistry Communication</i> , 2021, 123, 108316.	3.9	3
74	Pharmacological evaluation of continentalic acid for antidiabetic potential. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111411.	5.6	3
75	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
76	Potential applications of PEGylated green gold nanoparticles in cyclophosphamide-induced cystitis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2022, 50, 130-146.	2.8	3
77	Antioxidant Actions of Spices and Their Phytochemicals on Age-Related Diseases. , 2015, , 311-318.		1
78	Metabolomics on Preadolescent Children With High Urinary Bisphenol A: Response to Dr Williams. <i>Toxicological Sciences</i> , 2018, 164, 3-4.	3.1	0
79	Topical delivery of curcumin-loaded transfersomes gel ameliorated rheumatoid arthritis by inhibiting NF- $\kappa$ B pathway. , 2022, , .		0