

Sushruta Koppula

List of Publications by Year in descending order

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72
papers

2,117
citations

236833

25
h-index

254106

43
g-index

73
all docs

73
docs citations

73
times ranked

3513
citing authors

#	ARTICLE	IF	CITATIONS
1	Cordycepin from Medicinal Fungi <i>Cordyceps militaris</i> Mitigates Inflammaging-Associated Testicular Damage via Regulating NF- κ B/MAPKs Signaling in Naturally Aged Rats. <i>Mycobiology</i> , 2022, 50, 86-95.	0.6	2
2	Cordycepin mitigates spermatogenic and redox related expression in H ₂ O ₂ -exposed Leydig cells and regulates testicular oxidative apoptotic signalling in aged rats. <i>Pharmaceutical Biology</i> , 2022, 60, 404-416.	1.3	9
3	Apigenin Isolated from <i>Carduus crispus</i> Protects against H ₂ O ₂ -Induced Oxidative Damage and Spermatogenic Expression Changes in GC-2spd Sperm Cells. <i>Molecules</i> , 2022, 27, 1777.	1.7	6
4	Mitigating Effect of <i>Lindera obtusiloba</i> Blume Extract on Neuroinflammation in Microglial Cells and Scopolamine-Induced Amnesia in Mice. <i>Molecules</i> , 2021, 26, 2870.	1.7	5
5	attenuates microglia mediated neuroinflammation and MPTP-induced behavioral and oxidative changes in Parkinson's disease mouse model. <i>EXCLI Journal</i> , 2021, 20, 835-850.	0.5	4
6	Potential Nutrients from Natural and Synthetic Sources Targeting Inflammaging—A Review of Literature, Clinical Data and Patents. <i>Nutrients</i> , 2021, 13, 4058.	1.7	8
7	<i>Chrysanthemum indicum</i> ethanol extract attenuates hepatic stellate cell activation in vitro and thioacetamide-induced hepatofibrosis in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021, 11, 500.	0.5	1
8	Ginsenoside metabolite 20(S)-protopanaxatriol from <i>Panax ginseng</i> attenuates inflammation-mediated NLRP3 inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2020, 251, 112564.	2.0	26
9	2-Hydroxy-4-Methylbenzoic Anhydride Inhibits Neuroinflammation in Cellular and Experimental Animal Models of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8195.	1.8	5
10	Phosphoinositide 3-kinase inhibitor AS605240 ameliorates streptozotocin-induced Alzheimer's disease like sporadic dementia in experimental rats. <i>EXCLI Journal</i> , 2020, 19, 71-85.	0.5	5
11	Cordycepin, an Active Constituent of Nutrient Powerhouse and Potential Medicinal Mushroom <i>Cordyceps militaris</i> Linn., Ameliorates Age-Related Testicular Dysfunction in Rats. <i>Nutrients</i> , 2019, 11, 906.	1.7	28
12	Novel Small Molecule Inhibitors of Programmed Cell Death (PD)-1, and its Ligand, PD-L1 in Cancer Immunotherapy: A Review Update of Patent Literature. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019, 14, 100-112.	0.8	16
13	<i>Eucalyptus globulus</i> Inhibits Inflammasome-Activated Pro-Inflammatory Responses and Ameliorate Monosodium Urate-Induced Peritonitis in Murine Experimental Model. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 423-433.	1.5	8
14	<i>Actinidia arguta</i> extract attenuates inflammasome activation: Potential involvement in NLRP3 ubiquitination. <i>Journal of Ethnopharmacology</i> , 2018, 213, 159-165.	2.0	23
15	Anti-hepatofibrosis effect of <i>Allium senescens</i> in activated hepatic stellate cells and thioacetamide-induced fibrosis rat model. <i>Pharmaceutical Biology</i> , 2018, 56, 632-642.	1.3	9
16	Identification and Characterization of NTB451 as a Potential Inhibitor of Necroptosis. <i>Molecules</i> , 2018, 23, 2884.	1.7	11
17	Inhibitory Effect and Mechanism of <i>Arctium lappa</i> Extract on NLRP3 Inflammasome Activation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	0.5	12
18	NLRP3 Inflammasome Activation Inhibitors in Inflammation-Associated Cancer Immunotherapy: An Update on the Recent Patents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 106-117.	0.8	18

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19	Protective effects of <i>Cinnamomum cassia</i> (Lamaceae) against gout and septic responses via attenuation of inflammasome activation in experimental models. <i>Journal of Ethnopharmacology</i> , 2017, 205, 173-177.	2.0	25
20	BOT-4-one attenuates NLRP3 inflammasome activation: NLRP3 alkylation leading to the regulation of its ATPase activity and ubiquitination. <i>Scientific Reports</i> , 2017, 7, 15020.	1.6	68
21	Analysis of Epidermal Growth Factor Receptor Related Gene Expression Changes in a Cellular and Animal Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 430.	1.8	15
22	Anti-fibrotic effects of <i>Orostachys japonicus</i> A. Berger (Crassulaceae) on hepatic stellate cells and thioacetamide-induced fibrosis in rats. <i>Nutrition Research and Practice</i> , 2017, 11, 470.	0.7	16
23	<i>Cuminum cyminum</i> Linn (Apiaceae) extract attenuates MPTP-induced oxidative stress and behavioral impairments in mouse model of Parkinson's disease. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 765.	0.2	16
24	<i>Indigofera tinctoria</i> Linn (Fabaceae) attenuates cognitive and behavioral deficits in scopolamine-induced amnesic mice. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 773.	0.2	3
25	<i>Rhus javanica</i> Linn protects against hydrogen peroxide-induced toxicity in human Chang liver cells via attenuation of oxidative stress and apoptosis signaling. <i>Molecular Medicine Reports</i> , 2016, 13, 1019-1025.	1.1	7
26	Necroptosis inhibitors as therapeutic targets in inflammation mediated disorders - a review of the current literature and patents. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 1239-1256.	2.4	25
27	<i>Juniperus rigida</i> Sieb. extract inhibits inflammatory responses via attenuation of TRIF-dependent signaling and inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2016, 190, 91-99.	2.0	14
28	<i>Cichorium intybus</i> Linn. Extract Prevents Type 2 Diabetes Through Inhibition of NLRP3 Inflammasome Activation. <i>Journal of Medicinal Food</i> , 2016, 19, 310-317.	0.8	21
29	Low concentrations of doxycycline attenuates FasL-induced apoptosis in HeLa cells. <i>Biological Research</i> , 2015, 48, 38.	1.5	6
30	Anti-inflammatory effect of <i>Impatiens textori</i> Miq. extract via inhibition of NLRP3 inflammasome activation in in vitro and in vivo experimental models. <i>Journal of Ethnopharmacology</i> , 2015, 170, 81-87.	2.0	21
31	Anti-inflammatory properties of <i>Morus bombycis</i> Koidzumi via inhibiting IFN- γ signaling and NLRP3 inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2015, 176, 424-428.	2.0	6
32	Necrosis inhibitor-5 (NecroX-5), attenuates MPTP-induced motor deficits in a zebrafish model of Parkinson's disease. <i>Genes and Genomics</i> , 2015, 37, 1073-1079.	0.5	6
33	Attenuation of neuroinflammatory responses and behavioral deficits by <i>Ligusticum officinale</i> (Makino) Kitag in stimulated microglia and MPTP-induced mouse model of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2015, 164, 388-397.	2.0	30
34	A novel synthetic derivative of melatonin, 5-hydroxy-2-isobutyl-streptochlorin (HIS), inhibits inflammatory responses via regulation of TRIF-dependent signaling and inflammasome activation. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 227-235.	1.3	34
35	β -Asarone attenuates microglia-mediated neuroinflammation by inhibiting NF kappa B activation and mitigates MPTP-induced behavioral deficits in a mouse model of Parkinson's disease. <i>Neuropharmacology</i> , 2015, 97, 46-57.	2.0	93
36	<i>Syneilesis palmata</i> (Thunb.) Maxim. extract attenuates inflammatory responses via the regulation of TRIF-dependent signaling and inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2015, 166, 1-4.	2.0	11

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37	Attenuation of inflammatory-mediated neurotoxicity by <i>Saururus chinensis</i> extract in LPS-induced BV-2 microglia cells via regulation of NF- κ B signaling and anti-oxidant properties. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 502.	3.7	23
38	<i>Houttuynia cordata</i> Attenuates Lipid Accumulation via Activation of AMP-Activated Protein Kinase Signaling Pathway in HepG2 Cells. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 651-664.	1.5	16
39	Emodin attenuates A23187-induced mast cell degranulation and tumor necrosis factor- α secretion through protein kinase C and I κ B kinase 2 signaling. <i>European Journal of Pharmacology</i> , 2014, 723, 501-506.	1.7	18
40	<i>Lysimachia clethroides</i> Duby extract attenuates inflammatory response in Raw 264.7 macrophages stimulated with lipopolysaccharide and in acute lung injury mouse model. <i>Journal of Ethnopharmacology</i> , 2013, 150, 1007-1015.	2.0	25
41	Methylparaben protects 6-hydroxydopamine-induced neurotoxicity in SH-SY5Y cells and improved behavioral impairments in mouse model of Parkinson's disease. <i>NeuroToxicology</i> , 2013, 34, 25-32.	1.4	17
42	<i>Carpesium macrocephalum</i> Attenuates Lipopolysaccharide-Induced Inflammation in Macrophages by Regulating the NF- κ B/ <i>I</i> κ B-1, Akt, and STAT Signaling Pathways. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 927-943.	1.5	21
43	Anti-neuroinflammatory Activity of a Novel Cannabinoid Derivative by Inhibiting the NF- κ B Signaling Pathway in Lipopolysaccharide-Induced BV-2 Microglial Cells. <i>Journal of Pharmacological Sciences</i> , 2013, 121, 119-130.	1.1	25
44	Streptochlorin Suppresses Allergic Dermatitis and Mast Cell Activation via Regulation of Lyn/Fyn and Syk Signaling Pathways in Cellular and Mouse Models. <i>PLoS ONE</i> , 2013, 8, e74194.	1.1	24
45	Nuclear Factor Erythroid 2 - Related Factor 2 Signaling in Parkinson Disease: A Promising Multi Therapeutic Target Against Oxidative Stress, Neuroinflammation and Cell Death. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 11, 1015-1029.	0.8	65
46	Regulation of Microglia Activity by Glaucocalyxin-A: Attenuation of Lipopolysaccharide-Stimulated Neuroinflammation through NF- κ B and p38 MAPK Signaling Pathways. <i>PLoS ONE</i> , 2013, 8, e55792.	1.1	87
47	Reactive Oxygen Species and Inhibitors of Inflammatory Enzymes, NADPH Oxidase, and iNOS in Experimental Models of Parkinson's Disease. <i>Mediators of Inflammation</i> , 2012, 2012, 1-16.	1.4	83
48	Recent Advances on the Neuroprotective Potential of Antioxidants in Experimental Models of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10608-10629.	1.8	52
49	The Role of Free Radicals in the Aging Brain and Parkinson's Disease: Convergence and Parallelism. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10478-10504.	1.8	174
50	Cognitive Enhancing Effects of Alpha Asarone in Amnesic Mice by Influencing Cholinergic and Antioxidant Defense Mechanisms. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1518-1522.	0.6	53
51	Recent Updates in Redox Regulation and Free Radical Scavenging Effects by Herbal Products in Experimental Models of Parkinson's Disease. <i>Molecules</i> , 2012, 17, 11391-11420.	1.7	29
52	Modulation of LPS-stimulated neuroinflammation in BV-2 microglia by <i>Gastrodia elata</i> : 4-Hydroxybenzyl alcohol is the bioactive candidate. <i>Journal of Ethnopharmacology</i> , 2012, 139, 549-557.	2.0	54
53	Anti-inflammatory and anti-allergic effects of <i>Agrimonia pilosa</i> Ledeb extract on murine cell lines and OVA-induced airway inflammation. <i>Journal of Ethnopharmacology</i> , 2012, 140, 213-221.	2.0	51
54	Inhibitory effects of <i>Acorus calamus</i> extracts on mast cell-dependent anaphylactic reactions using mast cell and mouse model. <i>Journal of Ethnopharmacology</i> , 2012, 141, 526-529.	2.0	8

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55	Molecular effects of activated BV-2 microglia by mitochondrial toxin 1-methyl-4-phenylpyridinium. <i>NeuroToxicology</i> , 2012, 33, 147-155.	1.4	16
56	SF-6 attenuates 6-hydroxydopamine-induced neurotoxicity: An in vitro and in vivo investigation in experimental models of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2012, 143, 686-694.	2.0	12
57	<i>Acorus gramineus</i> inhibits microglia mediated neuroinflammation and prevents neurotoxicity in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)-induced mouse model of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2012, 144, 506-513.	2.0	19
58	The Role of Bioactive Compounds on the Promotion of Neurite Outgrowth. <i>Molecules</i> , 2012, 17, 6728-6753.	1.7	69
59	<i>Cuminum cyminum</i> extract attenuates scopolamine-induced memory loss and stress-induced urinary biochemical changes in rats: A noninvasive biochemical approach. <i>Pharmaceutical Biology</i> , 2011, 49, 702-708.	1.3	41
60	Protective effect of <i>Chrysanthemum indicum</i> Linne against 1-methyl-4-phenylpyridinium ion and lipopolysaccharide-induced cytotoxicity in cellular model of Parkinson's disease. <i>Food and Chemical Toxicology</i> , 2011, 49, 963-973.	1.8	44
61	MyD88-dependent toll-like receptor signaling is required for murine macrophages response to IS2. <i>International Immunopharmacology</i> , 2011, 11, 1578-1583.	1.7	7
62	Inhibitors of Microglial Neurotoxicity: Focus on Natural Products. <i>Molecules</i> , 2011, 16, 1021-1043.	1.7	103
63	Anti-neuroinflammatory Activity of Kamebakaurin From <i>Isodon japonicus</i> via Inhibition of c-Jun NH2-Terminal Kinase and p38 Mitogen-Activated Protein Kinase Pathway in Activated Microglial Cells. <i>Journal of Pharmacological Sciences</i> , 2011, 116, 296-308.	1.1	50
64	A novel synthetic compound PHID (8-Phenyl-6a, 7, 8, 9, 9a, 10-hexahydro-6H-isoindolo [5, 6-g]) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 39 of reactive oxygen species generation and JNK signaling. <i>European Journal of Pharmacology</i> , 2011, 650, 48-57.	1.7	9
65	MMHD [(S,E)-2-Methyl-1-(2-methylthiazol-4-yl) hexa-1,5-dien-ol], a Novel Synthetic Compound Derived From Epothilone, Suppresses Nuclear Factor- κ B Mediated Cytokine Expression in Lipopolysaccharide-Stimulated BV-2 Microglia. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 158-166.	1.1	14
66	Inflexin attenuates proinflammatory responses and nuclear factor- κ B activation in LPS-treated microglia. <i>European Journal of Pharmacology</i> , 2010, 633, 98-106.	1.7	30
67	Protective effects of <i>Gastrodia elata</i> Blume on MPP ⁺ -induced cytotoxicity in human dopaminergic SH-SY5Y cells. <i>Journal of Ethnopharmacology</i> , 2010, 130, 290-298.	2.0	71
68	Recent developments in the inhibitors of neuroinflammation and neurodegeneration: inflammatory oxidative enzymes as a drug target. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 1531-1546.	2.4	20
69	<i>Chrysanthemum morifolium</i> Ramat (CM) extract protects human neuroblastoma SH-SY5Y cells against MPP ⁺ -induced cytotoxicity. <i>Journal of Ethnopharmacology</i> , 2009, 126, 447-454.	2.0	44
70	BT-11 is effective for enhancing cognitive functions in the elderly humans. <i>Neuroscience Letters</i> , 2009, 465, 157-159.	1.0	54
71	Adaptogenic and nootropic activities of aqueous extract of <i>Vitis vinifera</i> (grape seed): an experimental study in rat model. <i>BMC Complementary and Alternative Medicine</i> , 2005, 5, 1.	3.7	57
72	Reserpine-induced central effects: pharmacological evidence for the lack of central effects of reserpine methiodide. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005, 83, 509-515.	0.7	16