

# Ling-Dong Kong

## List of Publications by Year in descending order

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98  
papers

5,223  
citations

71102

41  
h-index

95266

68  
g-index

110  
all docs

110  
docs citations

110  
times ranked

7007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglial NLRP3 inflammasome activation mediates IL-1 $\beta$ -related inflammation in prefrontal cortex of depressive rats. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 90-100.	4.1	339
2	Natural Product Interventions for Chemotherapy and Radiotherapy-Induced Side Effects. <i>Frontiers in Pharmacology</i> , 2018, 9, 1253.	3.5	213
3	Reactive Oxygen Species-Induced TXNIP Drives Fructose-Mediated Hepatic Inflammation and Lipid Accumulation Through NLRP3 Inflammasome Activation. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 848-870.	5.4	195
4	Polydatin prevents fructose-induced liver inflammation and lipid deposition through increasing miR-200a to regulate Keap1/Nrf2 pathway. <i>Redox Biology</i> , 2018, 18, 124-137.	9.0	179
5	Quercetin and Allopurinol Ameliorate Kidney Injury in STZ-Treated Rats with Regulation of Renal NLRP3 Inflammasome Activation and Lipid Accumulation. <i>PLoS ONE</i> , 2012, 7, e38285.	2.5	172
6	Dietary fructose-induced gut dysbiosis promotes mouse hippocampal neuroinflammation: a benefit of short-chain fatty acids. <i>Microbiome</i> , 2019, 7, 98.	11.1	162
7	Quercetin and allopurinol reduce liver thioredoxin-interacting protein to alleviate inflammation and lipid accumulation in diabetic rats. <i>British Journal of Pharmacology</i> , 2013, 169, 1352-1371.	5.4	157
8	High Dietary Fructose: Direct or Indirect Dangerous Factors Disturbing Tissue and Organ Functions. <i>Nutrients</i> , 2017, 9, 335.	4.1	150
9	Allopurinol, quercetin and rutin ameliorate renal NLRP3 inflammasome activation and lipid accumulation in fructose-fed rats. <i>Biochemical Pharmacology</i> , 2012, 84, 113-125.	4.4	147
10	Antidepressant-like effects of the mixture of honokiol and magnolol from the barks of <i>Magnolia officinalis</i> in stressed rodents. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 715-725.	4.8	146
11	Pterostilbene and allopurinol reduce fructose-induced podocyte oxidative stress and inflammation via microRNA-377. <i>Free Radical Biology and Medicine</i> , 2015, 83, 214-226.	2.9	140
12	SHP2 inhibition triggers anti-tumor immunity and synergizes with PD-1 blockade. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 304-315.	12.0	129
13	Nuciferine restores potassium oxonate-induced hyperuricemia and kidney inflammation in mice. <i>European Journal of Pharmacology</i> , 2015, 747, 59-70.	3.5	112
14	Inhibition of AIM2 inflammasome-mediated pyroptosis by Andrographolide contributes to amelioration of radiation-induced lung inflammation and fibrosis. <i>Cell Death and Disease</i> , 2019, 10, 957.	6.3	110
15	Curcumin inhibits hepatic protein-tyrosine phosphatase 1B and prevents hypertriglyceridemia and hepatic steatosis in fructose-fed rats. <i>Hepatology</i> , 2010, 51, 1555-1566.	7.3	106
16	Antidepressant-like effect of icariin and its possible mechanism in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 686-694.	2.9	100
17	Pterostilbene prevents hepatocyte epithelial-mesenchymal transition in fructose-induced liver fibrosis through suppressing miR-34a/Sirt1/p53 and TGF $\beta$ 1/Smads signalling. <i>British Journal of Pharmacology</i> , 2019, 176, 1619-1634.	5.4	94
18	Protective effects of cortex fraxini coumarines against oxonate-induced hyperuricemia and renal dysfunction in mice. <i>European Journal of Pharmacology</i> , 2011, 666, 196-204.	3.5	92

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19	Betaine prevented fructose-induced NAFLD by regulating LXRI±/PPARI± pathway and alleviating ER stress in rats. <i>European Journal of Pharmacology</i> , 2016, 770, 154-164.	3.5	91
20	Cinnamaldehyde and allopurinol reduce fructose-induced cardiac inflammation and fibrosis by attenuating CD36-mediated TLR4/6-IRAK4/1 signaling to suppress NLRP3 inflammasome activation. <i>Scientific Reports</i> , 2016, 6, 27460.	3.3	90
21	Betaine supplementation protects against high-fructose-induced renal injury in rats. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 353-362.	4.2	79
22	Morin reduces hepatic inflammation-associated lipid accumulation in high fructose-fed rats via inhibiting sphingosine kinase 1/sphingosine 1-phosphate signaling pathway. <i>Biochemical Pharmacology</i> , 2013, 86, 1791-1804.	4.4	78
23	Possibility of magnesium supplementation for supportive treatment in patients with COVID-19. <i>European Journal of Pharmacology</i> , 2020, 886, 173546.	3.5	76
24	Quercetin inhibits AMPK/TXNIP activation and reduces inflammatory lesions to improve insulin signaling defect in the hypothalamus of high fructose-fed rats. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 420-428.	4.2	73
25	Betaine recovers hypothalamic neural injury by inhibiting astrogliosis and inflammation in fructose-fed rats. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 189-202.	3.3	73
26	Antidepressant-like effects of psoralidin isolated from the seeds of <i>Psoralea Corylifolia</i> in the forced swimming test in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 510-519.	4.8	68
27	Annexin A5 regulates hepatic macrophage polarization via directly targeting PKM2 and ameliorates NASH. <i>Redox Biology</i> , 2020, 36, 101634.	9.0	68
28	Magnesium isoglycyrrhizinate blocks fructose-induced hepatic NF- $\kappa$ B/NLRP3 inflammasome activation and lipid metabolism disorder. <i>European Journal of Pharmacology</i> , 2017, 809, 141-150.	3.5	65
29	Antihyperuricemic and nephroprotective effects of resveratrol and its analogues in hyperuricemic mice. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1433-1444.	3.3	64
30	Simiao pill ameliorates renal glomerular injury via increasing Sirt1 expression and suppressing NF- $\kappa$ B/NLRP3 inflammasome activation in high fructose-fed rats. <i>Journal of Ethnopharmacology</i> , 2015, 172, 108-117.	4.1	64
31	Quercetin regulates organic ion transporter and uromodulin expression and improves renal function in hyperuricemic mice. <i>European Journal of Nutrition</i> , 2012, 51, 593-606.	3.9	60
32	Curcumin and allopurinol ameliorate fructose-induced hepatic inflammation in rats via miR-200a-mediated TXNIP/NLRP3 inflammasome inhibition. <i>Pharmacological Research</i> , 2018, 137, 64-75.	7.1	60
33	Impaired hypothalamic insulin signaling in CUMS rats: Restored by icariin and fluoxetine through inhibiting CRF system. <i>Psychoneuroendocrinology</i> , 2013, 38, 122-134.	2.7	59
34	Simiao pill ameliorates urate underexcretion and renal dysfunction in hyperuricemic mice. <i>Journal of Ethnopharmacology</i> , 2010, 128, 685-692.	4.1	58
35	Wuling San protects kidney dysfunction by inhibiting renal TLR4/MyD88 signaling and NLRP3 inflammasome activation in high fructose-induced hyperuricemic mice. <i>Journal of Ethnopharmacology</i> , 2015, 169, 49-59.	4.1	58
36	Nuciferine Alleviates Renal Injury by Inhibiting Inflammatory Responses in Fructose-Fed Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7899-7910.	5.2	50

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37	High fructose diet-induced metabolic syndrome: Pathophysiological mechanism and treatment by traditional Chinese medicine. <i>Pharmacological Research</i> , 2018, 130, 438-450.	7.1	50
38	Furocoumarins affect hepatic cytochrome P450 and renal organic ion transporters in mice. <i>Toxicology Letters</i> , 2012, 209, 67-77.	0.8	47
39	Curcumin protects against fructose-induced podocyte insulin signaling impairment through upregulation of miR-206. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2355-2370.	3.3	47
40	Combined administration of the mixture of honokiol and magnolol and ginger oil evokes antidepressant-like synergism in rats. <i>Archives of Pharmacal Research</i> , 2009, 32, 1281-1292.	6.3	46
41	Up-regulated fractalkine (FKN) and its receptor CX3CR1 are involved in fructose-induced neuroinflammation: Suppression by curcumin. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 69-81.	4.1	46
42	Magnesium isoglycyrrhizinate ameliorates high fructose-induced liver fibrosis in rat by increasing miR-375-3p to suppress JAK2/STAT3 pathway and TGF- $\beta$ 1/Smad signaling. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 879-894.	6.1	43
43	Targeting Peroxiredoxin 1 by a Curcumin Analogue, AI-44, Inhibits NLRP3 Inflammasome Activation and Attenuates Lipopolysaccharide-Induced Sepsis in Mice. <i>Journal of Immunology</i> , 2018, 201, 2403-2413.	0.8	42
44	Banxia-houpu decoction restores glucose intolerance in CUMS rats through improvement of insulin signaling and suppression of NLRP3 inflammasome activation in liver and brain. <i>Journal of Ethnopharmacology</i> , 2017, 209, 219-229.	4.1	41
45	Fructose downregulates miR-330 to induce renal inflammatory response and insulin signaling impairment: Attenuation by morin. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600760.	3.3	39
46	Re-Du-Ning injection ameliorates LPS-induced lung injury through inhibiting neutrophil extracellular traps formation. <i>Phytomedicine</i> , 2021, 90, 153635.	5.3	36
47	Betaine Reduces Serum Uric Acid Levels and Improves Kidney Function in Hyperuricemic Mice. <i>Planta Medica</i> , 2014, 80, 39-47.	1.3	31
48	Chaihu-shugan san inhibits inflammatory response to improve insulin signaling in liver and prefrontal cortex of CUMS rats with glucose intolerance. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1415-1428.	5.6	31
49	Antidepressant evaluation of polysaccharides from a Chinese herbal medicine Banxia-houpu decoction. <i>Phytotherapy Research</i> , 2004, 18, 204-207.	5.8	30
50	A Chromosome-Level Genome Assembly of <i>Dendrobium Huoshanense</i> Using Long Reads and Hi-C Data. <i>Genome Biology and Evolution</i> , 2020, 12, 2486-2490.	2.5	30
51	Guizhi Fuling Capsule ameliorates endometrial hyperplasia through promoting p62-Keap1-NRF2-mediated ferroptosis. <i>Journal of Ethnopharmacology</i> , 2021, 274, 114064.	4.1	30
52	Behavioural and biochemical effects of fractions prepared from Banxia Houpu decoction in depression models in mice. <i>Phytotherapy Research</i> , 2005, 19, 526-529.	5.8	27
53	Andrographolide potentiates PD-1 blockade immunotherapy by inhibiting COX2-mediated PGE2 release. <i>International Immunopharmacology</i> , 2020, 81, 106206.	3.8	26
54	Aristolochic acid-induced destruction of organic ion transporters and fatty acid metabolic disorder in the kidney of rats. <i>Toxicology Letters</i> , 2011, 201, 72-79.	0.8	24

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55	Siwu decoction attenuates oxonate-induced hyperuricemia and kidney inflammation in mice. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 499-507.	1.3	24
56	Huanglian-Wendan Decoction Inhibits NF- $\kappa$ B/NLRP3 Inflammasome Activation in Liver and Brain of Rats Exposed to Chronic Unpredictable Mild Stress. <i>Mediators of Inflammation</i> , 2018, 2018, 1-15.	3.0	24
57	Pterostilbene Attenuates Fructose-Induced Myocardial Fibrosis by Inhibiting ROS-Driven Pitx2c/miR-15b Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-25.	4.0	24
58	Pterostilbene alleviates fructose-induced renal fibrosis by suppressing TGF- $\beta$ 1/TGF- $\beta$ 2 type I receptor/Smads signaling in proximal tubular epithelial cells. <i>European Journal of Pharmacology</i> , 2019, 842, 70-78.	3.5	24
59	Orthogonal array design for antidepressant compatibility of polysaccharides from Banxia-Houpu decoction, a traditional Chinese herb prescription in the mouse models of depression. <i>Archives of Pharmacal Research</i> , 2009, 32, 1417-1423.	6.3	23
60	cis-Khellactone Inhibited the Proinflammatory Macrophages via Promoting Autophagy to Ameliorate Imiquimod-Induced Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1946-1956.e3.	0.7	22
61	Protection of neuronal cells from excitotoxicity by disrupting nNOS-PSD95 interaction with a small molecule SCR-4026. <i>Brain Research</i> , 2016, 1648, 250-256.	2.2	21
62	Transcriptional regulation of corticotrophin releasing factor gene by furocoumarins isolated from seeds of <i>Psoralea corylifolia</i> . <i>Life Sciences</i> , 2008, 82, 1117-1121.	4.3	20
63	Magnesium isoglycyrrhizinate ameliorates fructose-induced podocyte apoptosis through downregulation of miR-193a to increase WT1. <i>Biochemical Pharmacology</i> , 2019, 166, 139-152.	4.4	20
64	Seselin ameliorates inflammation via targeting Jak2 to suppress the proinflammatory phenotype of macrophages. <i>British Journal of Pharmacology</i> , 2019, 176, 317-333.	5.4	20
65	Typically inhibiting USP14 promotes autophagy in M1-like macrophages and alleviates CLP-induced sepsis. <i>Cell Death and Disease</i> , 2020, 11, 666.	6.3	20
66	Pterostilbene Improves Hepatic Lipid Accumulation via the MiR-34a/Sirt1/SREBP-1 Pathway in Fructose-Fed Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1436-1446.	5.2	19
67	<i>Polygonum cuspidatum</i> extract attenuates fructose-induced liver lipid accumulation through inhibiting Keap1 and activating Nrf2 antioxidant pathway. <i>Phytomedicine</i> , 2019, 63, 152986.	5.3	18
68	Disrupting phosphatase SHP2 in macrophages protects mice from high-fat diet-induced hepatic steatosis and insulin resistance by elevating IL-18 levels. <i>Journal of Biological Chemistry</i> , 2020, 295, 10842-10856.	3.4	18
69	Deciphering the mechanism of Fang-Ji-Di-Huang-Decoction in ameliorating psoriasis-like skin inflammation via the inhibition of IL-23/Th17 cell axis. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114571.	4.1	18
70	Anti-hyperuricemic and anti-inflammatory actions of vaticaffinol isolated from <i>Dipterocarpus alatus</i> in hyperuricemic mice. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 330-340.	1.3	17
71	Chinese medicine Banxia-Houpu decoction regulates $\beta$ os expression in the brain regions in chronic mild stress model in rats. <i>Phytotherapy Research</i> , 2004, 18, 200-203.	5.8	14
72	Landscape of SARS-CoV-2 spike protein-interacting cells in human tissues. <i>International Immunopharmacology</i> , 2021, 95, 107567.	3.8	14

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73	Urate transporter URAT1 inhibitors: a patent review (2012 - 2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 1129-1138.	5.0	13
74	Polydatin inhibits ZEB1-induced epithelial-mesenchymal transition in fructose-induced liver fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13208-13222.	3.6	13
75	Magnesium isoglycyrrhizinate alleviates fructose-induced liver oxidative stress and inflammatory injury through suppressing NOXs. <i>European Journal of Pharmacology</i> , 2020, 883, 173314.	3.5	13
76	SSBP1 drives high fructose-induced glomerular podocyte ferroptosis via activating DNA-PK/p53 pathway. <i>Redox Biology</i> , 2022, 52, 102303.	9.0	13
77	Improvement of magnesium isoglycyrrhizinate on DSS-induced acute and chronic colitis. <i>International Immunopharmacology</i> , 2021, 90, 107194.	3.8	12
78	Fructose drives mitochondrial metabolic reprogramming in podocytes via Hmgcs2-stimulated fatty acid degradation. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 253.	17.1	12
79	Advances in ameliorating inflammatory diseases and cancers by andrographolide: Pharmacokinetics, pharmacodynamics, and perspective. <i>Medicinal Research Reviews</i> , 2022, 42, 1147-1178.	10.5	12
80	Polydatin enhances glomerular podocyte autophagy homeostasis by improving Nrf2-dependent antioxidant capacity in fructose-fed rats. <i>Molecular and Cellular Endocrinology</i> , 2021, 520, 111079.	3.2	11
81	Mulberroside A repairs high fructose diet-induced damage of intestinal epithelial and blood-brain barriers in mice: A potential for preventing hippocampal neuroinflammatory injury. <i>Journal of Neurochemistry</i> , 2021, 157, 1979-1991.	3.9	10
82	Potential effect of herbal antidepressants on cognitive deficit: Pharmacological activity and possible molecular mechanism. <i>Journal of Ethnopharmacology</i> , 2020, 257, 112830.	4.1	10
83	Thioredoxin interacting protein drives astrocytic glucose hypometabolism in corticosterone-induced depressive state. <i>Journal of Neurochemistry</i> , 2022, 161, 84-100.	3.9	10
84	The putative oncotarget CSN5 controls a transcription-uncorrelated p53-mediated autophagy implicated in cancer cell survival under curcumin treatment. <i>Oncotarget</i> , 2016, 7, 69688-69702.	1.8	10
85	Loss of hnRNP A1 in murine skeletal muscle exacerbates high-fat diet-induced onset of insulin resistance and hepatic steatosis. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 277-290.	3.3	9
86	A narrative review of COVID-19: magnesium isoglycyrrhizinate as a potential adjuvant treatment. <i>Annals of Palliative Medicine</i> , 2021, 10, 4777-4798.	1.2	9
87	Fraxinellone alleviates kidney fibrosis by inhibiting CUG-binding protein 1-mediated fibroblast activation. <i>Toxicology and Applied Pharmacology</i> , 2021, 420, 115530.	2.8	9
88	Atractylodis rhizoma water extract attenuates fructose-induced glomerular injury in rats through anti-oxidation to inhibit TRPC6/p-CaMK4 signaling. <i>Phytomedicine</i> , 2021, 91, 153643.	5.3	9
89	Fructose Induced Leptin Dysfunction and Improvement by Quercetin and Rutin in Rats. <i>Chinese Journal of Natural Medicines</i> , 2008, 6, 466-473.	1.3	6
90	Bifunctional macromolecule activating both OX40 and interferon- $\gamma$ signaling displays potent therapeutic effects in mouse HBV and tumor models. <i>International Immunopharmacology</i> , 2020, 89, 107099.	3.8	5

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91	Can Medicinal Plants and Bioactive Compounds Combat Lipid Peroxidation Product 4-HNE-Induced Deleterious Effects?. <i>Biomolecules</i> , 2020, 10, 146.	4.0	5
92	IL-6/STAT3 signaling activation exacerbates high fructose-induced podocyte hypertrophy by ketohexokinase-A-mediated tristetrarolin down-regulation. <i>Cellular Signalling</i> , 2021, 86, 110082.	3.6	5
93	5, 7, 2â€™™, 4â€™™, 5â€™™-Pentamethoxyflavanone regulates M1/M2 macrophage phenotype and protects the septic mice. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 363-371.	1.3	4
94	Attractylodin inhibits fructose-induced human podocyte hypermotility via anti-oxidant to down-regulate TRPC6/p-CaMK4 signaling. <i>European Journal of Pharmacology</i> , 2021, 913, 174616.	3.5	3
95	Cinnamaldehyde prevents intergenerational effect of paternal depression in mice via regulating GR/miR-190b/BDNF pathway. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1955-1969.	6.1	3
96	Effect of different phosphate binders on fibroblast growth factor 23 levels in patients with chronic kidney disease: a systematic review and meta-analysis of randomized controlled trials. <i>Annals of Palliative Medicine</i> , 2022, 11, 1264-1277.	1.2	2
97	Dataset on assessment of magnesium isoglycyrrhizinate injection for dairy diet and body weight in fructose-induced metabolic syndrome of rats. <i>Data in Brief</i> , 2018, 18, 69-75.	1.0	1
98	Correction: Betaine Reduces Serum Uric Acid Levels and Improves Kidney Function in Hyperuricemic Mice. <i>Planta Medica</i> , 2014, 80, E4-E4.	1.3	0