

Si-Huan Gao

List of Publications by Year in descending order

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56
papers

2,573
citations

218677

26
h-index

206112

48
g-index

57
all docs

57
docs citations

57
times ranked

3620
citing authors

#	ARTICLE	IF	CITATIONS
1	Historical Perspective of Traditional Indigenous Medical Practices: The Current Renaissance and Conservation of Herbal Resources. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-20.	1.2	282
2	Curcumin and Diabetes: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-16.	1.2	218
3	Cinnamaldehyde in diabetes: A review of pharmacology, pharmacokinetics and safety. Pharmacological Research, 2017, 122, 78-89.	7.1	188
4	Salvia miltiorrhiza: A Potential Red Light to the Development of Cardiovascular Diseases. Current Pharmaceutical Design, 2017, 23, 1077-1097.	1.9	177
5	Salvia miltiorrhiza: An ancient Chinese herbal medicine as a source for anti-osteoporotic drugs. Journal of Ethnopharmacology, 2014, 155, 1401-1416.	4.1	150
6	Rehmanniae Radix in osteoporosis: A review of traditional Chinese medicinal uses, phytochemistry, pharmacokinetics and pharmacology. Journal of Ethnopharmacology, 2017, 198, 351-362.	4.1	120
7	Ginsenoside Rb1 promotes browning through regulation of PPAR β in 3T3-L1 adipocytes. Biochemical and Biophysical Research Communications, 2015, 466, 530-535.	2.1	94
8	Salvia miltiorrhiza in diabetes: A review of its pharmacology, phytochemistry, and safety. Phytomedicine, 2019, 58, 152871.	5.3	93
9	Fructus Ligustri Lucidi preserves bone quality through the regulation of gut microbiota diversity, oxidative stress, TMAO and Sirt6 levels in aging mice. Aging, 2019, 11, 9348-9368.	3.1	72
10	Lycopene in protection against obesity and diabetes: A mechanistic review. Pharmacological Research, 2020, 159, 104966.	7.1	68
11	Relationships of circular RNA with diabetes and depression. Scientific Reports, 2017, 7, 7285.	3.3	61
12	Evaluation of Decalcification Techniques for Rat Femurs Using HE and Immunohistochemical Staining. BioMed Research International, 2017, 2017, 1-6.	1.9	60
13	Cinnamaldehyde Ameliorates Diet-Induced Obesity in Mice by Inducing Browning of White Adipose Tissue. Cellular Physiology and Biochemistry, 2017, 42, 1514-1525.	1.6	53
14	Catalpol in Diabetes and its Complications: A Review of Pharmacology, Pharmacokinetics, and Safety. Molecules, 2019, 24, 3302.	3.8	52
15	JiangTang XiaoKe granule attenuates cathepsin K expression and improves IGF-1 expression in the bone of high fat diet induced KK-Ay diabetic mice. Life Sciences, 2016, 148, 24-30.	4.3	49
16	Jiang Tang Xiao Ke Granule Play an Anti-diabetic Role in Diabetic Mice Pancreatic Tissue by Regulating the mRNAs and MicroRNAs Associated with PI3K-Akt Signaling Pathway. Frontiers in Pharmacology, 2017, 8, 795.	3.5	48
17	Fructus Ligustri Lucidi in Osteoporosis: A Review of its Pharmacology, Phytochemistry, Pharmacokinetics and Safety. Molecules, 2017, 22, 1469.	3.8	47
18	Diabetes Perturbs Bone Microarchitecture and Bone Strength through Regulation of Sema3A/IGF-1/ β -Catenin in Rats. Cellular Physiology and Biochemistry, 2017, 41, 55-66.	1.6	46

#	ARTICLE	IF	CITATIONS
19	Baduanjin exerts anti-diabetic and anti-depression effects by regulating the expression of mRNA, lncRNA, and circRNA. <i>Chinese Medicine</i> , 2019, 14, 3.	4.0	43
20	Curcumin improves glycolipid metabolism through regulating peroxisome proliferator activated receptor β signalling pathway in high-fat diet-induced obese mice and 3T3-L1 adipocytes. <i>Royal Society Open Science</i> , 2017, 4, 170917.	2.4	39
21	Salvianolic acid B prevents body weight gain and regulates gut microbiota and LPS/TLR4 signaling pathway in high-fat diet-induced obese mice. <i>Food and Function</i> , 2020, 11, 8743-8756.	4.6	35
22	Antioxidant Effect of Fructus Ligustri Lucidi Aqueous Extract in Ovariectomized Rats Is Mediated through Nox4-ROS-NF- κ B Pathway. <i>Frontiers in Pharmacology</i> , 2017, 8, 266.	3.5	34
23	Anti-Diabetic Effects of Jiang Tang Xiao Ke Granule via PI3K/Akt Signalling Pathway in Type 2 Diabetes KKAY Mice. <i>PLoS ONE</i> , 2017, 12, e0168980.	2.5	34
24	A comprehensive review on the phytochemistry, pharmacokinetics, and antidiabetic effect of Ginseng. <i>Phytomedicine</i> , 2021, 92, 153717.	5.3	33
25	A comparative study of microbial community and functions of type 2 diabetes mellitus patients with obesity and healthy people. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7143-7153.	3.6	31
26	Long non-coding RNAs could act as vectors for paternal heredity of high fat diet-induced obesity. <i>Oncotarget</i> , 2017, 8, 47876-47889.	1.8	31
27	Salvianolic Acid B Improves Mitochondrial Function in 3T3-L1 Adipocytes Through a Pathway Involving PPAR β Coactivator-1 α (PGC-1 α). <i>Frontiers in Pharmacology</i> , 2018, 9, 671.	3.5	30
28	Relationships of Non-coding RNA with diabetes and depression. <i>Scientific Reports</i> , 2019, 9, 10707.	3.3	27
29	Comparative analysis of proteomes between diabetic and normal human sperm: Insights into the effects of diabetes on male reproduction based on the regulation of mitochondria-related proteins. <i>Molecular Reproduction and Development</i> , 2018, 85, 7-16.	2.0	25
30	Aqueous Extract of Mori Folium Exerts Bone Protective Effect Through Regulation of Calcium and Redox Homeostasis via PTH/VDR/CaBP and AGEs/RAGE/Nox4/NF- κ B Signaling in Diabetic Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 1239.	3.5	25
31	Targeting NLRP3 Inflammasome in the Treatment Of Diabetes and Diabetic Complications: Role of Natural Compounds from Herbal Medicine. , 2021, 12, 1587.		24
32	Salvianolic acid B plays an anti-obesity role in high fat diet-induced obese mice by regulating the expression of mRNA, circRNA, and lncRNA. <i>PeerJ</i> , 2019, 7, e6506.	2.0	24
33	Lycopene attenuates body weight gain through induction of browning via regulation of peroxisome proliferator-activated receptor β in high-fat diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , 2020, 78, 108335.	4.2	21
34	Differential Expression of Long Noncoding RNAs between Sperm Samples from Diabetic and Non-Diabetic Mice. <i>PLoS ONE</i> , 2016, 11, e0154028.	2.5	20
35	<i>Radix Salviae miltiorrhizae</i> improves bone microstructure and strength through Wnt/ β -catenin and osteoprotegerin/receptor activator for nuclear factor- κ B ligand/cathepsin K signaling in ovariectomized rats. <i>Phytotherapy Research</i> , 2018, 32, 2487-2500.	5.8	17
36	Ginsenoside Rb1, salvianolic acid B and their combination modulate gut microbiota and improve glucolipid metabolism in high-fat diet induced obese mice. <i>PeerJ</i> , 2021, 9, e10598.	2.0	17

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37	Curcumin improves adipocytes browning and mitochondrial function in 3T3-L1 cells and obese rodent model. <i>Royal Society Open Science</i> , 2021, 8, 200974.	2.4	17
38	BaZiBuShen alleviates cognitive deficits and regulates Sirt6/NRF2/HO-1 and Sirt6/P53-PGC-1 β -TERT signaling pathways in aging mice. <i>Journal of Ethnopharmacology</i> , 2022, 282, 114653.	4.1	17
39	Antidiabetic and Antioxidative Effect of Jiang Tang Xiao Ke Granule in High-Fat Diet and Low-Dose Streptozotocin Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-8.	1.2	16
40	Protective mechanism of punicalagin against endoplasmic reticulum stress in the liver of mice with type 2 diabetes mellitus. <i>Journal of Functional Foods</i> , 2019, 56, 57-64.	3.4	14
41	Berberine Induces Cell Apoptosis through Cytochrome C/Apoptotic Protease-Activating Factor 1/Caspase-3 and Apoptosis Inducing Factor Pathway in Mouse Insulinoma Cells. <i>Chinese Journal of Integrative Medicine</i> , 2019, 25, 853-860.	1.6	13
42	Fructus Ligustri Lucidi aqueous extract promotes calcium balance and short-chain fatty acids production in ovariectomized rats. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114348.	4.1	13
43	Lycopene Improves Bone Quality and Regulates AGE/RAGE/NF- κ B Signaling Pathway in High-Fat Diet-Induced Obese Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	4.0	12
44	Proteomics Analysis of Testis of Rats Fed a High-Fat Diet. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 378-389.	1.6	11
45	Anti-diabetic effect of loganin by inhibiting FOXO1 nuclear translocation via PI3K/Akt signaling pathway in INS-1 cell. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 262-266.	1.0	11
46	Fructus Ligustri Lucidi preserves bone quality through induction of canonical Wnt/ β -catenin signaling pathway in ovariectomized rats. <i>Phytotherapy Research</i> , 2021, 35, 424-441.	5.8	10
47	Jiang Tang Xiao Ke Granule, a Classic Chinese Herbal Formula, Improves the Effect of Metformin on Lipid and Glucose Metabolism in Diabetic Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-11.	1.2	9
48	Association between cognitive vulnerability to depression, dysfunctional attitudes and glycaemic control among in-patients with type 2 diabetes in a hospital in Beijing: a multivariate regression analysis. <i>Psychology, Health and Medicine</i> , 2018, 23, 189-197.	2.4	8
49	Protective Effect of Jiang Tang Xiao Ke Granules against Skeletal Muscle IR via Activation of the AMPK/SIRT1/PGC-1 β Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	7
50	Transcriptome Sequencing Analysis of Peripheral Blood of Type 2 Diabetes Mellitus Patients With Thirst and Fatigue. <i>Frontiers in Endocrinology</i> , 2020, 11, 558344.	3.5	6
51	Effects of Salvianolic acid B on RNA expression and co-expression network of lncRNAs in brown adipose tissue of obese mice. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114289.	4.1	6
52	Jiang Tang Xiao Ke Granule Protects Hepatic Tissue of Diabetic Mice Through Modulation of Insulin and Ras Signaling – A Bioinformatics Analysis of MicroRNAs and mRNAs Network. <i>Frontiers in Pharmacology</i> , 2020, 11, 173.	3.5	5
53	Effects of ginsenoside Rb1 on skeletal muscle insulin resistance and adenosine monophosphate-activated protein kinase signaling pathway in obese mice. <i>World Journal of Traditional Chinese Medicine</i> , 2019, 5, 42.	1.9	5
54	Combined analysis of whole-exon sequencing and lncRNA sequencing in type 2 diabetes mellitus patients with obesity. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2451-2463.	3.6	4

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55	Effects of salvanolic acid B on glycometabolism and lipid metabolism in rodents: Meta-analysis. <i>Traditional Medicine and Modern Medicine</i> , 2020, 03, 175-183.	0.2	1
56	Jiangtang Xiaoke granule attenuates glucose metabolism disorder via regulating endoplasmic reticulum stress in the liver of type 2 diabetes mellitus mice. <i>Journal of Traditional Chinese Medicine</i> , 2018, 38, 570-578.	0.2	0