

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	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
2	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
3	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
4	Targeting NLRP3 Inflammasome in the Treatment Of Diabetes and Diabetic Complications: Role of Natural Compounds from Herbal Medicine. , 2021, 12, 1587.		24
5	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
6	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
7	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
8	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
9	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
10	A comprehensive review on the phytochemistry, pharmacokinetics, and antidiabetic effect of Ginseng. <i>Phytomedicine</i> , 2021, 92, 153717.	5.3	33
11	Lycopene attenuates body weight gain through induction of browning via regulation of peroxisome proliferator-activated receptor γ in high-fat diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , 2020, 78, 108335.	4.2	21
12	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
13	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
14	Lycopene in protection against obesity and diabetes: A mechanistic review. <i>Pharmacological Research</i> , 2020, 159, 104966.	7.1	68
15	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
16	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
17	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
18	Effects of salvianolic 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

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19	Relationships of Non-coding RNA with diabetes and depression. <i>Scientific Reports</i> , 2019, 9, 10707.	3.3	27
20	Catalpol in Diabetes and its Complications: A Review of Pharmacology, Pharmacokinetics, and Safety. <i>Molecules</i> , 2019, 24, 3302.	3.8	52
21	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
22	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
23	<i>Salvia miltiorrhiza</i> in diabetes: A review of its pharmacology, phytochemistry, and safety. <i>Phytomedicine</i> , 2019, 58, 152871.	5.3	93
24	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
25	<i>Fructus Ligustri Lucidi</i> preserves bone quality through the regulation of gut microbiota diversity, oxidative stress, TMAO and Sirt6 levels in aging mice. <i>Aging</i> , 2019, 11, 9348-9368.	3.1	72
26	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
27	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
28	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
29	Association between cognitive vulnerability to depression and 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
30	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
31	<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
32	Aqueous Extract of <i>Mori Folium</i> 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
33	Proteomics Analysis of Testis of Rats Fed a High-Fat Diet. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 378-389.	1.6	11
34	Salvianolic Acid B Improves Mitochondrial Function in 3T3-L1 Adipocytes Through a Pathway Involving PPAR γ Coactivator-1 α (PGC-1 α). <i>Frontiers in Pharmacology</i> , 2018, 9, 671.	3.5	30
35	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
36	<i>Rehmanniae Radix</i> in osteoporosis: A review of traditional Chinese medicinal uses, phytochemistry, pharmacokinetics and pharmacology. <i>Journal of Ethnopharmacology</i> , 2017, 198, 351-362.	4.1	120

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37	Cinnamaldehyde in diabetes: A review of pharmacology, pharmacokinetics and safety. <i>Pharmacological Research</i> , 2017, 122, 78-89.	7.1	188
38	Cinnamaldehyde Ameliorates Diet-Induced Obesity in Mice by Inducing Browning of White Adipose Tissue. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1514-1525.	1.6	53
39	Diabetes Perturbs Bone Microarchitecture and Bone Strength through Regulation of Sema3A/IGF-1/ β -Catenin in Rats. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 55-66.	1.6	46
40	Relationships of circular RNA with diabetes and depression. <i>Scientific Reports</i> , 2017, 7, 7285.	3.3	61
41	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
42	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
43	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. <i>Frontiers in Pharmacology</i> , 2017, 8, 795.	3.5	48
44	Fructus Ligustri Lucidi in Osteoporosis: A Review of its Pharmacology, Phytochemistry, Pharmacokinetics and Safety. <i>Molecules</i> , 2017, 22, 1469.	3.8	47
45	Salvia miltiorrhiza: A Potential Red Light to the Development of Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , 2017, 23, 1077-1097.	1.9	177
46	Evaluation of Decalcification Techniques for Rat Femurs Using HE and Immunohistochemical Staining. <i>BioMed Research International</i> , 2017, 2017, 1-6.	1.9	60
47	Anti-Diabetic Effects of Jiang Tang Xiao Ke Granule via PI3K/Akt Signalling Pathway in Type 2 Diabetes KK β Mice. <i>PLoS ONE</i> , 2017, 12, e0168980.	2.5	34
48	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
49	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
50	JiangTang XiaoKe granule attenuates cathepsin K expression and improves IGF-1 expression in the bone of high fat diet induced KK-Ay diabetic mice. <i>Life Sciences</i> , 2016, 148, 24-30.	4.3	49
51	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
52	Ginsenoside Rb1 promotes browning through regulation of PPAR β in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 530-535.	2.1	94
53	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
54	Historical Perspective of Traditional Indigenous Medical Practices: The Current Renaissance and Conservation of Herbal Resources. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-20.	1.2	282

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55	Salvia miltiorrhiza: An ancient Chinese herbal medicine as a source for anti-osteoporotic drugs. Journal of Ethnopharmacology, 2014, 155, 1401-1416.	4.1	150
56	Curcumin and Diabetes: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-16.	1.2	218