

Zhenwen Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6457672/publications.pdf>

Version: 2024-02-01

55
papers

1,041
citations

394421

19
h-index

501196

28
g-index

56
all docs

56
docs citations

56
times ranked

994
citing authors

#	ARTICLE	IF	CITATIONS
1	Galanin and its receptors: A novel strategy for appetite control and obesity therapy. <i>Peptides</i> , 2012, 36, 331-339.	2.4	71
2	Baicalin against obesity and insulin resistance through activation of AKT/AS160/GLUT4 pathway. <i>Molecular and Cellular Endocrinology</i> , 2017, 448, 77-86.	3.2	57
3	Baicalin and its aglycone: a novel approach for treatment of metabolic disorders. <i>Pharmacological Reports</i> , 2020, 72, 13-23.	3.3	55
4	Galanin peptide family as a modulating target for contribution to metabolic syndrome. <i>General and Comparative Endocrinology</i> , 2012, 179, 115-120.	1.8	53
5	Intracerebroventricular administration of galanin antagonist sustains insulin resistance in adipocytes of type 2 diabetic trained rats. <i>Molecular and Cellular Endocrinology</i> , 2012, 361, 213-218.	3.2	42
6	Circulating galanin levels are increased in patients with gestational diabetes mellitus. <i>Clinical Biochemistry</i> , 2013, 46, 831-833.	1.9	40
7	Endogenous galanin as a novel biomarker to predict gestational diabetes mellitus. <i>Peptides</i> , 2014, 54, 186-189.	2.4	37
8	Baicalin ameliorates hepatic insulin resistance and gluconeogenic activity through inhibition of p38 MAPK/PGC-1 β pathway. <i>Phytomedicine</i> , 2019, 64, 153074.	5.3	37
9	Treatment with celastrol protects against obesity through suppression of galanin-induced fat intake and activation of PGC-1 α /GLUT4 axis-mediated glucose consumption. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1341-1350.	3.8	34
10	Type 2 diabetes mellitus as a disorder of galanin resistance. <i>Experimental Gerontology</i> , 2016, 73, 72-77.	2.8	33
11	Galanin peptide family regulation of glucose metabolism. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100801.	5.2	33
12	The Prevalence of Thyroid Nodules and Their Association with Metabolic Syndrome Risk Factors in a Moderate Iodine Intake Area. <i>Metabolic Syndrome and Related Disorders</i> , 2017, 15, 93-97.	1.3	30
13	Effect of endogenous galanin on glucose transporter 4 expression in cardiac muscle of type 2 diabetic rats. <i>Peptides</i> , 2014, 62, 159-163.	2.4	27
14	Galanin participates in the functional regulation of the diabetic heart. <i>Life Sciences</i> , 2013, 92, 628-632.	4.3	24
15	Beneficial effect of baicalin on insulin sensitivity in adipocytes of diet-induced obese mice. <i>Diabetes Research and Clinical Practice</i> , 2018, 139, 262-271.	2.8	22
16	Endogenous peptides as risk markers to assess the development of insulin resistance. <i>Peptides</i> , 2014, 51, 9-14.	2.4	20
17	Central galanin receptor 2 mediates galanin action to promote systemic glucose metabolism of type 2 diabetic rats. <i>Biochemical Pharmacology</i> , 2018, 156, 241-247.	4.4	20
18	The regulative effect of galanin family members on link of energy metabolism and reproduction. <i>Peptides</i> , 2015, 71, 240-249.	2.4	19

#	ARTICLE	IF	CITATIONS
19	Activated galanin receptor 2 attenuates insulin resistance in skeletal muscle of obese mice. <i>Peptides</i> , 2018, 99, 92-98.	2.4	19
20	Galanin receptors possibly modulate the obesity-induced change in pain threshold. <i>Peptides</i> , 2013, 44, 55-59.	2.4	16
21	The potential antidepressant and antidiabetic effects of galanin system. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 120, 82-87.	2.9	16
22	Central injection of GalR1 agonist M617 facilitates GLUT4 expression in cardiac muscle of type 2 diabetic rats. <i>Experimental Gerontology</i> , 2015, 65, 85-89.	2.8	16
23	Circulating galanin and galanin like peptide concentrations are correlated with increased triglyceride concentration in obese patients. <i>Clinica Chimica Acta</i> , 2016, 461, 126-129.	1.1	16
24	Central alarin ameliorated insulin resistance of adipocytes in type 2 diabetic rats. <i>Journal of Endocrinology</i> , 2014, 223, 217-225.	2.6	15
25	Effect of baicalin on GLUT4 expression and glucose uptake in myotubes of rats. <i>Life Sciences</i> , 2018, 196, 156-161.	4.3	15
26	Low levels of plasma galanin in obese subjects with hypertension. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 63-68.	3.3	14
27	The decline of whole-body glucose metabolism in ovariectomized rats. <i>Experimental Gerontology</i> , 2018, 113, 106-112.	2.8	14
28	Spexin ameliorates skeletal muscle insulin resistance through activation of GAL2 receptor. <i>European Journal of Pharmacology</i> , 2022, 917, 174731.	3.5	14
29	Central injection of GALR1 agonist M617 attenuates diabetic rat skeletal muscle insulin resistance through the Akt/AS160/GLUT4 pathway. <i>Mechanisms of Ageing and Development</i> , 2017, 162, 122-128.	4.6	13
30	Effect of Baicalein on GLUT4 Translocation in Adipocytes of Diet-Induced Obese Mice. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 426-436.	1.6	13
31	Low levels of spexin and adiponectin may predict insulin resistance in patients with non-alcoholic fatty liver. <i>Practical Laboratory Medicine</i> , 2021, 24, e00207.	1.3	13
32	Baicalin protects against insulin resistance and metabolic dysfunction through activation of GALR2/GLUT4 signaling. <i>Phytomedicine</i> , 2022, 95, 153869.	5.3	13
33	Crosstalk between exercise and galanin system alleviates insulin resistance. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 141-146.	6.1	12
34	Galanin expression is down-regulated in patients with gastric cancer. <i>Journal of International Medical Research</i> , 2019, 47, 1241-1249.	1.0	12
35	Relationship between the non-HDLc-to-HDLc ratio and carotid plaques in a high stroke risk population: a cross-sectional study in China. <i>Lipids in Health and Disease</i> , 2020, 19, 168.	3.0	12
36	Elevated galanin may predict the risk of type 2 diabetes mellitus for development of Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , 2015, 150, 20-26.	4.6	11

#	ARTICLE	IF	CITATIONS
37	Serum Galanin Concentration is Increased in Subjects with Impaired Glucose Tolerance. <i>Canadian Journal of Diabetes</i> , 2017, 41, 563-566.	0.8	11
38	Association between circulating levels of galanin and pre-pregnancy body mass index in patients with gestational diabetes mellitus. <i>Eating Behaviors</i> , 2015, 19, 57-60.	2.0	10
39	Regulatory effects of galanin system on development of several age-related chronic diseases. <i>Experimental Gerontology</i> , 2017, 95, 88-97.	2.8	10
40	Time-restricted feeding attenuates gluconeogenic activity through inhibition of PGC-1 α expression and activity. <i>Physiology and Behavior</i> , 2021, 231, 113313.	2.1	10
41	Central Administration of Galanin Receptor 1 Agonist Boosted Insulin Sensitivity in Adipose Cells of Diabetic Rats. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-9.	2.3	9
42	San-Huang-Tang protects obesity/diabetes induced NAFLD by upregulating PGC-1 α /PEPCK signaling in obese and galr1 knockout mice models. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112483.	4.1	9
43	Intracerebroventricular Injection of Alarin Increased Glucose Uptake in Skeletal Muscle of Diabetic Rats. <i>PLoS ONE</i> , 2015, 10, e0139327.	2.5	8
44	Akt2-Dependent Beneficial Effect of Galanin on Insulin-Induced Glucose Uptake in Adipocytes of Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1777-1787.	1.6	8
45	Adipose tissue spexin in physical exercise and age-associated diseases. <i>Ageing Research Reviews</i> , 2022, 73, 101509.	10.9	8
46	Emerging central and peripheral actions of spexin in feeding behavior, leptin resistance and obesity. <i>Biochemical Pharmacology</i> , 2022, 202, 115121.	4.4	8
47	The Neuropeptide Galanin Benefits Insulin Sensitivity in Subjects with Type 2 Diabetes. <i>Current Protein and Peptide Science</i> , 2013, 14, 1-9.	1.4	7
48	Treatment with spexin mitigates diet-induced hepatic steatosis in vivo and in vitro through activation of galanin receptor 2. <i>Molecular and Cellular Endocrinology</i> , 2022, 552, 111688.	3.2	7
49	Beneficial effects of galanin system on diabetic peripheral neuropathic pain and its complications. <i>Peptides</i> , 2020, 134, 170404.	2.4	6
50	A promising biomarker of elevated galanin level in hypothalamus for osteoporosis risk in type 2 diabetes mellitus. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111427.	4.6	6
51	Association of LDLc to HDLc ratio with carotid plaques in a community-based population with a high stroke risk: A cross-sectional study in China. <i>Clinical Biochemistry</i> , 2021, 88, 43-48.	1.9	4
52	Emerging roles of kisspeptin/galanin in age-related metabolic disease. <i>Mechanisms of Ageing and Development</i> , 2021, 199, 111571.	4.6	4
53	The neuropeptide galanin benefits insulin sensitivity in subjects with type 2 diabetes. <i>Current Protein and Peptide Science</i> , 2013, 14, 669-73.	1.4	4
54	Beneficial effects of neuropeptide galanin on reinstatement of exercise-induced somatic and psychological trauma. <i>Journal of Neuroscience Research</i> , 2017, 95, 1036-1043.	2.9	2

#	ARTICLE	IF	CITATIONS
55	Time-restricted feeding prevents metabolic diseases through the regulation of galanin/GALR1 expression in the hypothalamus of mice. <i>Eating and Weight Disorders</i> , 2021, , 1.	2.5	2