

Kai-Chun Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,188
citations

361045

20
h-index

395343

33
g-index

50
all docs

50
docs citations

50
times ranked

1928
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin ameliorates high fat diet-induced diabetes and stimulates glycogen synthesis via a PKC β -Akt-GSK3 β pathway in hepatic cells. <i>Journal of Pineal Research</i> , 2009, 47, 339-344.	3.4	92
2	Plasma Glucose Lowering Mechanisms of Catalpol, an Active Principle from Roots of <i>Rehmannia glutinosa</i> , in Streptozotocin-Induced Diabetic Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3747-3753.	2.4	85
3	Rosmarinic acid ameliorates hyperglycemia and insulin sensitivity in diabetic rats, potentially by modulating the expression of PEPCK and GLUT4. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2193-2202.	2.0	78
4	Investigation of insulin resistance in the popularly used four rat models of type-2 diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 155-161.	2.5	76
5	Decrease of peroxisome proliferator-activated receptor delta expression in cardiomyopathy of streptozotocin-induced diabetic rats. <i>Cardiovascular Research</i> , 2008, 80, 78-87.	1.8	65
6	Hydrogen water enhances 5-fluorouracil-induced inhibition of colon cancer. <i>PeerJ</i> , 2015, 3, e859.	0.9	50
7	A Role of Ginseng and Its Constituents in the Treatment of Central Nervous System Disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-7.	0.5	48
8	Increase of β -endorphin secretion by agmatine is induced by activation of imidazoline I2A receptors in adrenal gland of rats. <i>Neuroscience Letters</i> , 2010, 468, 297-299.	1.0	41
9	Molecular role of GATA binding protein 4 (GATA-4) in hyperglycemia-induced reduction of cardiac contractility. <i>Cardiovascular Diabetology</i> , 2011, 10, 57.	2.7	38
10	The Use of Herbal Medicine in Cancer-related Anorexia/ Cachexia Treatment Around the World. <i>Current Pharmaceutical Design</i> , 2012, 18, 4819-4826.	0.9	38
11	Silymarin Inhibits Cervical Cancer Cell Through an Increase of Phosphatase and Tensin Homolog. <i>Phytotherapy Research</i> , 2012, 26, 709-715.	2.8	38
12	TGR5 activation ameliorates hyperglycemia-induced cardiac hypertrophy in H9c2 cells. <i>Scientific Reports</i> , 2019, 9, 3633.	1.6	35
13	Plasma klotho levels decrease in both anorexia nervosa and obesity. <i>Nutrition</i> , 2013, 29, 1106-1109.	1.1	33
14	Oleic acid activates peroxisome proliferator-activated receptor γ to compensate insulin resistance in steatotic cells. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1264-1270.	1.9	32
15	Effect of exercise and high-fat diet on plasma adiponectin and nesfatin levels in mice. <i>Experimental and Therapeutic Medicine</i> , 2011, 2, 369-373.	0.8	31
16	The Role of Ghrelin and Ghrelin Signaling in Aging. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1511.	1.8	30
17	Characterization of the mechanisms of the increase in PPAR γ expression induced by digoxin in the heart using the H9c2 cell line. <i>British Journal of Pharmacology</i> , 2011, 163, 390-398.	2.7	28
18	The role of adiponectin multimers in anorexia nervosa. <i>Nutrition</i> , 2013, 29, 203-206.	1.1	28

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19	Characterization of preptin-induced insulin secretion in pancreatic β^2 -cells. <i>Journal of Endocrinology</i> , 2012, 215, 43-49.	1.2	27
20	Rice <i>koji</i> reduced body weight gain, fat accumulation, and blood glucose level in high-fat diet-induced obese mice. <i>PeerJ</i> , 2014, 2, e540.	0.9	24
21	Effects of aging on the plasma levels of nesfatin-1 and adiponectin. <i>Biomedical Reports</i> , 2014, 2, 152-156.	0.9	20
22	Investigation of triamterene as an inhibitor of the TGR5 receptor: identification in cells and animals. <i>Drug Design, Development and Therapy</i> , 2017, Volume11, 1127-1134.	2.0	20
23	Intelligence quotient and cognitive functions in severe restricting-type anorexia nervosa before and after weight gain. <i>Nutrition</i> , 2012, 28, 1132-1136.	1.1	19
24	Role of Musclin in the Pathogenesis of Hypertension in Rat. <i>PLoS ONE</i> , 2013, 8, e72004.	1.1	19
25	Insulin resistance without obesity induced by cotton pellet granuloma in mice. <i>Laboratory Investigation</i> , 2009, 89, 362-369.	1.7	16
26	Silymarin Induces Insulin Resistance through an Increase of Phosphatase and Tensin Homolog in Wistar Rats. <i>PLoS ONE</i> , 2014, 9, e84550.	1.1	16
27	Ubiquitin-protein ligase E3a (UBE3A) as a new biomarker of cardiac hypertrophy in cell models. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 355-364.	0.9	14
28	Oral glucose tolerance test in diabetes, the old method revisited. <i>World Journal of Diabetes</i> , 2021, 12, 786-793.	1.3	14
29	Rubiscolin-6 activates opioid receptors to enhance glucose uptake in skeletal muscle. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 266-274.	0.9	13
30	Telmisartan Activates PPAR γ to Improve Symptoms of Unpredictable Chronic Mild Stress-Induced Depression in Mice. <i>Scientific Reports</i> , 2017, 7, 14021.	1.6	12
31	The Dietary Furocoumarin Imperatorin Increases Plasma GLP-1 Levels in Type 1-Like Diabetic Rats. <i>Nutrients</i> , 2017, 9, 1192.	1.7	11
32	Activation of β^2 -Adrenoceptors by Dobutamine May Induce a Higher Expression of Peroxisome Proliferator-Activated Receptors (PPAR γ) in Neonatal Rat Cardiomyocytes. <i>Scientific World Journal</i> , The, 2012, 2012, 1-8.	0.8	9
33	Effects of peripherally administered urocortin 3 on feeding behavior and gastric emptying in mice. <i>Experimental and Therapeutic Medicine</i> , 2011, 2, 333-335.	0.8	8
34	GW0742 activates peroxisome proliferator-activated receptor γ to reduce free radicals and alleviate cardiac hypertrophy induced by hyperglycemia in cultured H9c2 cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9532-9542.	1.2	8
35	Allantoin ameliorates chemically-induced pancreatic β^2 -cell damage through activation of the imidazoline I3 receptors. <i>PeerJ</i> , 2015, 3, e1105.	0.9	8
36	Telmisartan is effective to ameliorate metabolic syndrome in rat model – a preclinical report. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 901-911.	1.1	7

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37	Increase in renal erythropoietin receptors in diabetic rats is mainly mediated by hyperglycemia associated with the STAT3/GATA-1 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1094-1102.	2.5	6
38	Investigation of the pronounced erythropoietin-induced reduction in hyperglycemia in type 1-like diabetic rats. <i>Endocrine Journal</i> , 2018, 65, 181-191.	0.7	6
39	<p>Promotion of Adropin Expression by Hyperglycemia Is Associated with STAT3 Activation in Diabetic Rats</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2269-2277.	1.1	6
40	Molecular mechanisms regarding potassium bromate-induced cardiac hypertrophy without apoptosis in H9c2 cells. <i>Molecular Medicine Reports</i> , 2018, 18, 4700-4708.	1.1	6
41	Myricetin Increases Circulating Adropin Level after Activation of Glucagon-like Peptide 1 (GLP-1) Receptor in Type-1 Diabetic Rats. <i>Pharmaceuticals</i> , 2022, 15, 173.	1.7	6
42	Activation of imidazoline- α 3 receptors ameliorates pancreatic damage. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 964-971.	0.9	5
43	Etanercept Ameliorates Cardiac Fibrosis in Rats with Diet-Induced Obesity. <i>Pharmaceuticals</i> , 2021, 14, 320.	1.7	5
44	Increase in cardiac M2-muscarinic receptor expression is regulated by GATA binding protein 4 (GATA-4) in streptozotocin-induced diabetic rats. <i>International Journal of Cardiology</i> , 2013, 167, 436-441.	0.8	4
45	Liraglutide Activates Glucagon-Like Peptide 1 Receptor to Attenuate Hyperglycemia through Endogenous Beta-Endorphin in Diabetic Rats. <i>Pharmaceuticals</i> , 2020, 13, 407.	1.7	4
46	Red rice koji extract alleviates hyperglycemia by increasing glucose uptake and glucose transporter type 4 levels in skeletal muscle in two diabetic mouse models. <i>Food and Nutrition Research</i> , 2020, 64, .	1.2	4
47	Major Plant in Herbal Mixture Gan-Mai-Da-Zao for the Alleviation of Depression in Rat Models. <i>Plants</i> , 2022, 11, 258.	1.6	3
48	TGR5 Expression Is Associated with Changes in the Heart and Urinary Bladder of Rats with Metabolic Syndrome. <i>Life</i> , 2021, 11, 695.	1.1	1
49	Connective tissue growth factor in hepatocytes is elevated by carbon tetrachloride via STAT3 activation. <i>Molecular Medicine Reports</i> , 2020, 21, 1390-1398.	1.1	1
50	Role of PPAR- γ in Diabetic Cardiomyopathy. , 2014, , 201-212.		0