

# Shaodong Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

5,621  
citations

117625

34  
h-index

161849

54  
g-index

58  
all docs

58  
docs citations

58  
times ranked

7583  
citing authors

#	ARTICLE	IF	CITATIONS
1	The P300 acetyltransferase inhibitor C646 promotes membrane translocation of insulin receptor protein substrate and interaction with the insulin receptor. <i>Journal of Biological Chemistry</i> , 2022, 298, 101621.	3.4	6
2	Mechanistic Investigation of GHS-R Mediated Glucose-Stimulated Insulin Secretion in Pancreatic Islets. <i>Biomolecules</i> , 2022, 12, 407.	4.0	3
3	Estrogen Protects Cardiac Function and Energy Metabolism in Dilated Cardiomyopathy Induced by Loss of Cardiac IRS1 and IRS2. <i>Circulation: Heart Failure</i> , 2022, 15, 101161CIRCHEARTFAILURE121008758.	3.9	7
4	Amino Acids in Autophagy: Regulation and Function. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1332, 51-66.	1.6	17
5	Heme Oxygenase-1 Regulates Ferrous Iron and Foxo1 in Control of Hepatic Gluconeogenesis. <i>Diabetes</i> , 2021, 70, 696-709.	0.6	15
6	$\beta^2$ Cell GHS-R Regulates Insulin Secretion and Sensitivity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3950.	4.1	11
7	GHS-R in brown fat potentiates differential thermogenic responses under metabolic and thermal stresses. <i>PLoS ONE</i> , 2021, 16, e0249420.	2.5	2
8	Metformin Targets Foxo1 to Control Glucose Homeostasis. <i>Biomolecules</i> , 2021, 11, 873.	4.0	8
9	Metabolic and inflammatory functions of cannabinoid receptor type 1 are differentially modulated by adiponectin. <i>World Journal of Diabetes</i> , 2021, 12, 1750-1764.	3.5	1
10	Protective Effects of Ghrelin on Fasting-Induced Muscle Atrophy in Aging Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 621-630.	3.6	56
11	Obesity-Induced Regulator of Calcineurin 1 Overexpression Leads to $\beta^2$ -Cell Failure Through Mitophagy Pathway Inhibition. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 413-428.	5.4	11
12	Metformin Improves Mitochondrial Respiratory Activity through Activation of AMPK. <i>Cell Reports</i> , 2019, 29, 15111-1523.e5.	6.4	244
13	A Simple High Efficiency Protocol for Pancreatic Islet Isolation from Mice. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	13
14	Phosphorylation of Forkhead Protein FoxO1 at S253 Regulates Glucose Homeostasis in Mice. <i>Endocrinology</i> , 2019, 160, 1333-1347.	2.8	26
15	Epigallocatechin Gallate Inhibits Hepatic Glucose Production in Primary Hepatocytes via Downregulating PKA Signaling Pathways and Transcriptional Factor FoxO1. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3651-3661.	5.2	27
16	Alteration of gut microbiota induced by DPP-4i treatment improves glucose homeostasis. <i>EBioMedicine</i> , 2019, 44, 665-674.	6.1	66
17	Etiology of Metabolic Syndrome and Dietary Intervention. <i>International Journal of Molecular Sciences</i> , 2019, 20, 128.	4.1	133
18	Estrogen Improves Insulin Sensitivity and Suppresses Gluconeogenesis via the Transcription Factor Foxo1. <i>Diabetes</i> , 2019, 68, 291-304.	0.6	160

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19	Glucagon regulates hepatic mitochondrial function and biogenesis through FOXO1. <i>Journal of Endocrinology</i> , 2019, 241, 265-278.	2.6	24
20	Mice lacking adenosine 2A receptor reveal increased severity of MCD-induced NASH. <i>Journal of Endocrinology</i> , 2019, 243, 199-209.	2.6	16
21	DPP-4 Inhibitors Improve Diabetic Wound Healing via Direct and Indirect Promotion of Epithelial-Mesenchymal Transition and Reduction of Scarring. <i>Diabetes</i> , 2018, 67, 518-531.	0.6	56
22	Disruption of adenosine 2A receptor exacerbates NAFLD through increasing inflammatory responses and SREBP1c activity. <i>Hepatology</i> , 2018, 68, 48-61.	7.3	57
23	Plasma Asprosin Levels Are Associated with Glucose Metabolism, Lipid, and Sex Hormone Profiles in Females with Metabolic-Related Diseases. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	3.0	71
24	Ghrelin Signaling in Immunometabolism and Inflamm-Aging. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1090, 165-182.	1.6	15
25	Novel Mechanism of Foxo1 Phosphorylation in Glucagon Signaling in Control of Glucose Homeostasis. <i>Diabetes</i> , 2018, 67, 2167-2182.	0.6	61
26	Echocardiographic assessment of G-protein coupled estrogen receptor (GPER) activation on coronary blood flow and cardiac function in mice. <i>FASEB Journal</i> , 2018, 32, .	0.5	0
27	A structural and functional analogue of a Bowman's-type protease inhibitor from <i>Odorrana schmackeri</i> . <i>Bioscience Reports</i> , 2017, 37, .	2.4	14
28	Nano-curcumin safely prevents streptozotocin-induced inflammation and apoptosis in pancreatic beta cells for effective management of Type 1 diabetes mellitus. <i>British Journal of Pharmacology</i> , 2017, 174, 2074-2084.	5.4	77
29	Obestatin stimulates glucose-induced insulin secretion through ghrelin receptor GHS-R. <i>Scientific Reports</i> , 2017, 7, 979.	3.3	26
30	Insulin receptor substrate signaling controls cardiac energy metabolism and heart failure. <i>Journal of Endocrinology</i> , 2017, 233, R131-R143.	2.6	70
31	Endotoxemia-mediated activation of acetyltransferase P300 impairs insulin signaling in obesity. <i>Nature Communications</i> , 2017, 8, 131.	12.8	59
32	Suppression of GHS-R in AgRP Neurons Mitigates Diet-Induced Obesity by Activating Thermogenesis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 832.	4.1	42
33	Ex Vivo Smooth Muscle Pharmacological Effects of a Novel Bradykinin-Related Peptide, and Its Analogue, from Chinese Large Odorous Frog, <i>Odorrana livida</i> Skin Secretions. <i>Toxins</i> , 2016, 8, 283.	3.4	7
34	Salidroside improves glucose homeostasis in obese mice by repressing inflammation in white adipose tissues and improving leptin sensitivity in hypothalamus. <i>Scientific Reports</i> , 2016, 6, 25399.	3.3	43
35	Cardiac Myocyte KLF5 Regulates <i>Ppara</i> Expression and Cardiac Function. <i>Circulation Research</i> , 2016, 118, 241-253.	4.5	88
36	Insulin Resistance in Obesity. , 2016, , 479-504.		2

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37	Activation of AMPK restricts coxsackievirus B3 replication by inhibiting lipid accumulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 155-167.	1.9	40
38	Activation of Foxo1 by Insulin Resistance Promotes Cardiac Dysfunction and $\beta$ -Myosin Heavy Chain Gene Expression. <i>Circulation: Heart Failure</i> , 2015, 8, 198-208.	3.9	68
39	Novel Mechanism of Blood Pressure Regulation By Forkhead Box Class O1-Mediated Transcriptional Control of Hepatic Angiotensinogen. <i>Hypertension</i> , 2014, 64, 1131-1140.	2.7	30
40	Decoding insulin resistance and metabolic syndrome for promising therapeutic intervention. <i>Journal of Endocrinology</i> , 2014, 220, E1-E3.	2.6	284
41	APPL1 Potentiates Insulin Sensitivity by Facilitating the Binding of IRS1/2 to the Insulin Receptor. <i>Cell Reports</i> , 2014, 7, 1227-1238.	6.4	107
42	Insulin signaling, resistance, and metabolic syndrome: insights from mouse models into disease mechanisms. <i>Journal of Endocrinology</i> , 2014, 220, T1-T23.	2.6	468
43	Mechanisms of Heart Failure in Type 2 Diabetes Mellitus. , 2014, 1, .		0
44	Myocardial Loss of IRS1 and IRS2 Causes Heart Failure and Is Controlled by p38 $\beta$ MAPK During Insulin Resistance. <i>Diabetes</i> , 2013, 62, 3887-3900.	0.6	138
45	Molecular basis of insulin resistance: the role of IRS and Foxo1 in the control of diabetes mellitus and its complications. <i>Drug Discovery Today Disease Mechanisms</i> , 2013, 10, e27-e33.	0.8	45
46	Hepatic Suppression of Foxo1 and Foxo3 Causes Hypoglycemia and Hyperlipidemia in Mice. <i>Endocrinology</i> , 2012, 153, 631-646.	2.8	143
47	The Irs1 Branch of the Insulin Signaling Cascade Plays a Dominant Role in Hepatic Nutrient Homeostasis. <i>Molecular and Cellular Biology</i> , 2009, 29, 5070-5083.	2.3	132
48	Foxo1 integrates insulin signaling with mitochondrial function in the liver. <i>Nature Medicine</i> , 2009, 15, 1307-1311.	30.7	273
49	Inactivation of Hepatic Foxo1 by Insulin Signaling Is Required for Adaptive Nutrient Homeostasis and Endocrine Growth Regulation. <i>Cell Metabolism</i> , 2008, 8, 65-76.	16.2	400
50	The Reciprocal Stability of FOXO1 and IRS2 Creates a Regulatory Circuit that Controls Insulin Signaling. <i>Molecular Endocrinology</i> , 2006, 20, 3389-3399.	3.7	51
51	Identification of Calcium-modulating Cyclophilin Ligand (CAML) as Transducer of Angiotensin II-mediated Nuclear Factor of Activated T Cells (NFAT) Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 12536-12541.	3.4	48
52	Phosphorylation of Serine 256 Suppresses Transactivation by FKHR (FOXO1) by Multiple Mechanisms. <i>Journal of Biological Chemistry</i> , 2002, 277, 45276-45284.	3.4	265
53	Gene- and Activation-specific Mechanisms for Insulin Inhibition of Basal and Glucocorticoid-induced Insulin-like Growth Factor Binding Protein-1 and Phosphoenolpyruvate Carboxykinase Transcription. <i>Journal of Biological Chemistry</i> , 2001, 276, 33705-33710.	3.4	95
54	Insulin Suppresses Transactivation by CAAT/Enhancer-binding Proteins $\beta$ 2 (C/EBP $\beta$ 2). <i>Journal of Biological Chemistry</i> , 2001, 276, 8516-8523.	3.4	75

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55	Regulation of Glucose-6-phosphatase Gene Expression by Protein Kinase B $\beta$ and the Forkhead Transcription Factor FKHR. <i>Journal of Biological Chemistry</i> , 2000, 275, 36324-36333.	3.4	295
56	Phosphorylation of the Transcription Factor Forkhead Family Member FKHR by Protein Kinase B. <i>Journal of Biological Chemistry</i> , 1999, 274, 17179-17183.	3.4	639
57	Phosphorylation of Serine 256 by Protein Kinase B Disrupts Transactivation by FKHR and Mediates Effects of Insulin on Insulin-like Growth Factor-binding Protein-1 Promoter Activity through a Conserved Insulin Response Sequence. <i>Journal of Biological Chemistry</i> , 1999, 274, 17184-17192.	3.4	491
58	A Recurring Chemogenetic Switch for Chimeric Antigen Receptor T Cells. <i>Angewandte Chemie</i> , 0, , .	2.0	0