

Feifan Guo

List of Publications by Year in descending order

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49
papers

2,127
citations

218677

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Intermittent Leucine Deprivation Produces Long-lasting Improvement in Insulin Sensitivity by Increasing Hepatic <i>Gcn2</i> Expression. <i>Diabetes</i> , 2022, 71, 206-218.	0.6	5
2	Impacts of essential amino acids on energy balance. <i>Molecular Metabolism</i> , 2022, 57, 101393.	6.5	35
3	Triiodothyronine (T3) promotes brown fat hyperplasia via thyroid hormone receptor β mediated adipocyte progenitor cell proliferation. <i>Nature Communications</i> , 2022, 13, .	12.8	18
4	Amino acid sensor GCN2 promotes SARS-CoV-2 receptor ACE2 expression in response to amino acid deprivation. <i>Communications Biology</i> , 2022, 5, .	4.4	4
5	Amino Acid Sensing in Metabolic Homeostasis and Health. <i>Endocrine Reviews</i> , 2021, 42, 56-76.	20.1	48
6	A fifty percent leucine-restricted diet reduces fat mass and improves glucose regulation. <i>Nutrition and Metabolism</i> , 2021, 18, 34.	3.0	9
7	Activation of GCN2 in macrophages promotes white adipose tissue browning and lipolysis under leucine deprivation. <i>FASEB Journal</i> , 2021, 35, e21652.	0.5	7
8	Autophagy inhibition prevents glucocorticoid-increased adiposity via suppressing BAT whitening. <i>Autophagy</i> , 2020, 16, 451-465.	9.1	59
9	Overexpression of Smad7 in hypothalamic POMC neurons disrupts glucose balance by attenuating central insulin signaling. <i>Molecular Metabolism</i> , 2020, 42, 101084.	6.5	9
10	Activation of GCN2/ATF4 signals in amygdalar PKC- β neurons promotes WAT browning under leucine deprivation. <i>Nature Communications</i> , 2020, 11, 2847.	12.8	29
11	<i>Sarm1</i> Gene Deficiency Attenuates Diabetic Peripheral Neuropathy in Mice. <i>Diabetes</i> , 2019, 68, 2120-2130.	0.6	53
12	ATF4 Deficiency Promotes Intestinal Inflammation in Mice by Reducing Uptake of Glutamine and Expression of Antimicrobial Peptides. <i>Gastroenterology</i> , 2019, 156, 1098-1111.	1.3	67
13	Hepatic c-Jun regulates glucose metabolism via FGF21 and modulates body temperature through the neural signals. <i>Molecular Metabolism</i> , 2019, 20, 138-148.	6.5	14
14	SGK1/FOXO3 Signaling in Hypothalamic POMC Neurons Mediates Glucocorticoid-Increased Adiposity. <i>Diabetes</i> , 2018, 67, 569-580.	0.6	23
15	microRNA-378 promotes autophagy and inhibits apoptosis in skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10849-E10858.	7.1	96
16	Short-term tamoxifen treatment has long-term effects on metabolism in high-fat diet-fed mice with involvement of <i>Nmnat2</i> in POMC neurons. <i>FEBS Letters</i> , 2018, 592, 3305-3316.	2.8	14
17	Metabolic benefits of inhibition of p38 β in white adipose tissue in obesity. <i>PLoS Biology</i> , 2018, 16, e2004225.	5.6	27
18	ATF4/ATG5 Signaling in Hypothalamic Proopiomelanocortin Neurons Regulates Fat Mass via Affecting Energy Expenditure. <i>Diabetes</i> , 2017, 66, 1146-1158.	0.6	34

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19	PAQR3 augments amino acid deprivation-induced autophagy by inhibiting mTORC1 signaling. <i>Cellular Signalling</i> , 2017, 33, 98-106.	3.6	9
20	MicroRNA 301A Promotes Intestinal Inflammation and Colitis-Associated Cancer Development by Inhibiting BTG1. <i>Gastroenterology</i> , 2017, 152, 1434-1448.e15.	1.3	118
21	microRNA and thyroid hormone signaling in cardiac and skeletal muscle. <i>Cell and Bioscience</i> , 2017, 7, 14.	4.8	19
22	An ATF4-ATG5 signaling in hypothalamic POMC neurons regulates obesity. <i>Autophagy</i> , 2017, 13, 1088-1089.	9.1	21
23	Deletion of ATF4 in AgRP Neurons Promotes Fat Loss Mainly via Increasing Energy Expenditure. <i>Diabetes</i> , 2017, 66, 640-650.	0.6	33
24	Ligand-dependent corepressor (LCoR) represses the transcription factor C/EBP β during early adipocyte differentiation. <i>Journal of Biological Chemistry</i> , 2017, 292, 18973-18987.	3.4	10
25	miR-212-5p suppresses lipid accumulation by targeting FAS and SCD1. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 205-217.	2.5	55
26	Hemin Improves Insulin Sensitivity and Lipid Metabolism in Cultured Hepatocytes and Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2017, 9, 805.	4.1	6
27	Fibroblast growth factor 21 improves hepatic insulin sensitivity by inhibiting mammalian target of rapamycin complex 1 in mice. <i>Hepatology</i> , 2016, 64, 425-438.	7.3	134
28	A Novel Function of Hepatic FOG2 in Insulin Sensitivity and Lipid Metabolism Through PPAR α . <i>Diabetes</i> , 2016, 65, 2151-2163.	0.6	8
29	Effects of essential amino acids on lipid metabolism in mice and humans. <i>Journal of Molecular Endocrinology</i> , 2016, 57, 223-231.	2.5	21
30	Liver-specific Gene Inactivation of the Transcription Factor ATF4 Alleviates Alcoholic Liver Steatosis in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 18536-18546.	3.4	37
31	Knockout of inositol-requiring enzyme 1 α in pro-opiomelanocortin neurons decreases fat mass via increasing energy expenditure. <i>Open Biology</i> , 2016, 6, 160131.	3.6	12
32	BTG1 ameliorates liver steatosis by decreasing stearoyl-CoA desaturase 1 (SCD1) abundance and altering hepatic lipid metabolism. <i>Science Signaling</i> , 2016, 9, ra50.	3.6	38
33	MAPK1/3 regulate hepatic lipid metabolism via ATG7-dependent autophagy. <i>Autophagy</i> , 2016, 12, 592-593.	9.1	35
34	Mineralocorticoid Receptor Deficiency in Macrophages Inhibits Neointimal Hyperplasia and Suppresses Macrophage Inflammation Through SGK1-AP1/NF- κ B Pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 874-885.	2.4	63
35	Activation of ERK1/2 Ameliorates Liver Steatosis in Leptin Receptor-Deficient (<i>db/db</i>) Mice via Stimulating ATG7-Dependent Autophagy. <i>Diabetes</i> , 2016, 65, 393-405.	0.6	44
36	A novel function of B-cell translocation gene 1 (<i>BTG1</i>) in the regulation of hepatic insulin sensitivity in mice via β -Jun. <i>FASEB Journal</i> , 2016, 30, 348-359.	0.5	13

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37	Leucine deprivation inhibits proliferation and induces apoptosis of human breast cancer cells via fatty acid synthase. <i>Oncotarget</i> , 2016, 7, 63679-63689.	1.8	66
38	MicroRNA-214 Suppresses Gluconeogenesis by Targeting Activating Transcriptional Factor 4. <i>Journal of Biological Chemistry</i> , 2015, 290, 8185-8195.	3.4	65
39	Hepatic Phosphoserine Aminotransferase 1 Regulates Insulin Sensitivity in Mice via Tribbles Homolog 3. <i>Diabetes</i> , 2015, 64, 1591-1602.	0.6	34
40	Hepatic serum- and glucocorticoid-regulated protein kinase 1 (SGK1) regulates insulin sensitivity in mice via extracellular-signal-regulated kinase 1/2 (ERK1/2). <i>Biochemical Journal</i> , 2014, 464, 281-289.	3.7	28
41	Effects of individual branched-chain amino acids deprivation on insulin sensitivity and glucose metabolism in mice. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 841-850.	3.4	87
42	l Prostanoid Receptor-mediated Inflammatory Pathway Promotes Hepatic Gluconeogenesis Through Activation of PKA and Inhibition of AKT. <i>Diabetes</i> , 2014, 63, 2911-2923.	0.6	23
43	A Novel Function of MicroRNA 130a-3p in Hepatic Insulin Sensitivity and Liver Steatosis. <i>Diabetes</i> , 2014, 63, 2631-2642.	0.6	77
44	Branched chain amino acids and metabolic regulation. <i>Science Bulletin</i> , 2013, 58, 1228-1235.	1.7	20
45	Central Activating Transcription Factor 4 (ATF4) Regulates Hepatic Insulin Resistance in Mice via S6K1 Signaling and the Vagus Nerve. <i>Diabetes</i> , 2013, 62, 2230-2239.	0.6	38
46	Leucine Deprivation Increases Hepatic Insulin Sensitivity via GCN2/mTOR/S6K1 and AMPK Pathways. <i>Diabetes</i> , 2011, 60, 746-756.	0.6	249
47	Amygdala, an important regulator for food intake. <i>Frontiers in Biology</i> , 2011, 6, 82-85.	0.7	18
48	Leucine Deprivation Stimulates Fat Loss via Increasing CRH Expression in the Hypothalamus and Activating The Sympathetic Nervous System. <i>Molecular Endocrinology</i> , 2011, 25, 1624-1635.	3.7	55
49	Leucine Deprivation Decreases Fat Mass by Stimulation of Lipolysis in White Adipose Tissue and Upregulation of Uncoupling Protein 1 (UCP1) in Brown Adipose Tissue. <i>Diabetes</i> , 2010, 59, 17-25.	0.6	140