

Shangang Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,846
citations

257450

24
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

2679
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial Leptin Reduction as an Insulin Sensitization and Weight Loss Strategy. <i>Cell Metabolism</i> , 2019, 30, 706-719.e6.	16.2	179
2	Adiponectin, Leptin and Cardiovascular Disorders. <i>Circulation Research</i> , 2021, 128, 136-149.	4.5	158
3	$\hat{I}\pm/\hat{I}^2$ -Hydrolase Domain-6-Accessible Monoacylglycerol Controls Glucose-Stimulated Insulin Secretion. <i>Cell Metabolism</i> , 2014, 19, 993-1007.	16.2	125
4	Rehmanniae Radix 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
5	Dermal adipose tissue has high plasticity and undergoes reversible dedifferentiation in mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 5327-5342.	8.2	112
6	Identification of a mammalian glycerol-3-phosphate phosphatase: Role in metabolism and signaling in pancreatic \hat{I}^2 -cells and hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E430-9.	7.1	88
7	Metabolic Inflexibility Impairs Insulin Secretion and Results In MODY-like Diabetes in Triple FoxO-Deficient Mice. <i>Cell Metabolism</i> , 2014, 20, 593-602.	16.2	86
8	Glucolipototoxicity Alters Lipid Partitioning and Causes Mitochondrial Dysfunction, Cholesterol, and Ceramide Deposition and Reactive Oxygen Species Production in INS832/13 $\hat{A}\hat{Y}$ -Cells. <i>Endocrinology</i> , 2010, 151, 3061-3073.	2.8	81
9	Connexin 43 Mediates White Adipose Tissue Beiging by Facilitating the Propagation of Sympathetic Neuronal Signals. <i>Cell Metabolism</i> , 2016, 24, 420-433.	16.2	80
10	Leptin: Less Is More. <i>Diabetes</i> , 2020, 69, 823-829.	0.6	66
11	$\hat{I}\pm/\hat{I}^2$ -Hydrolase Domain 6 Deletion Induces Adipose Browning and Prevents Obesity and Type 2 Diabetes. <i>Cell Reports</i> , 2016, 14, 2872-2888.	6.4	61
12	Pathologic HIF1 $\hat{I}\pm$ signaling drives adipose progenitor dysfunction in obesity. <i>Cell Stem Cell</i> , 2021, 28, 685-701.e7.	11.1	57
13	A novel role for central $\langle scp \rangle$ ACBP $\langle /scp \rangle$ / $\langle scp \rangle$ DBI $\langle /scp \rangle$ as a regulator of long \hat{a} €chain fatty acid metabolism in astrocytes. <i>Journal of Neurochemistry</i> , 2015, 133, 253-265.	3.9	50
14	Adipocyte iron levels impinge on a fat-gut crosstalk to regulate intestinal lipid absorption and mediate protection from obesity. <i>Cell Metabolism</i> , 2021, 33, 1624-1639.e9.	16.2	50
15	FoxO1 Deacetylation Decreases Fatty Acid Oxidation in \hat{I}^2 -Cells and Sustains Insulin Secretion in Diabetes. <i>Journal of Biological Chemistry</i> , 2016, 291, 10162-10172.	3.4	49
16	Partial leptin deficiency confers resistance to diet-induced obesity in mice. <i>Molecular Metabolism</i> , 2020, 37, 100995.	6.5	49
17	Metabolic fate of glucose and candidate signaling and excess-fuel detoxification pathways in pancreatic \hat{I}^2 -cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 7407-7422.	3.4	47
18	Suppressing adipocyte inflammation promotes insulin resistance in mice. <i>Molecular Metabolism</i> , 2020, 39, 101010.	6.5	47

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19	Simplified assays of lipolysis enzymes for drug discovery and specificity assessment of known inhibitors. <i>Journal of Lipid Research</i> , 2016, 57, 131-141.	4.2	42
20	A beta cell ATGL-lipolysis/adipose tissue axis controls energy homeostasis and body weight via insulin secretion in mice. <i>Diabetologia</i> , 2016, 59, 2654-2663.	6.3	39
21	Adiponectin preserves metabolic fitness during aging. <i>ELife</i> , 2021, 10, .	6.0	37
22	$\hat{1}\pm/\hat{1}^2$ -Hydrolase domain-6 and saturated long chain monoacylglycerol regulate insulin secretion promoted by both fuel and non-fuel stimuli. <i>Molecular Metabolism</i> , 2015, 4, 940-950.	6.5	32
23	Requirements of calcium fluxes and ERK kinase activation for glucose- and interleukin- $\hat{1}^2$ -induced $\hat{1}^2$ -cell apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2008, 315, 75-84.	3.1	29
24	Glucagon blockade restores functional $\hat{1}^2$ -cell mass in type 1 diabetic mice and enhances function of human islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	29
25	Hepatic GALE Regulates Whole-Body Glucose Homeostasis by Modulating <i><i>Tff3</i></i> Expression. <i>Diabetes</i> , 2017, 66, 2789-2799.	0.6	24
26	PKM1 Exerts Critical Roles in Cardiac Remodeling Under Pressure Overload in the Heart. <i>Circulation</i> , 2021, 144, 712-727.	1.6	23
27	Cannabinoid receptor 1 signaling in hepatocytes and stellate cells does not contribute to NAFLD. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
28	Adipose ABHD6 regulates tolerance to cold and thermogenic programs. <i>JCI Insight</i> , 2020, 5, .	5.0	20
29	Dermal adipocytes contribute to the metabolic regulation of dermal fibroblasts. <i>Experimental Dermatology</i> , 2021, 30, 102-111.	2.9	18
30	Adipose tissue hyaluronan production improves systemic glucose homeostasis and primes adipocytes for CL 316,243-stimulated lipolysis. <i>Nature Communications</i> , 2021, 12, 4829.	12.8	15
31	Activating Connexin43 gap junctions primes adipose tissue for therapeutic intervention. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3063-3072.	12.0	5
32	Monoacylglycerol as a Metabolic Coupling Factor in Glucose-Stimulated Insulin Secretion. <i>Canadian Journal of Diabetes</i> , 2013, 37, 62.	0.8	2
33	TLR4-Induced Local Adipose Inflammation Critically Regulates Glucose Homeostasis. <i>Diabetes</i> , 2018, 67, 2032-P.	0.6	2
34	Response to Kunos et al. and Lotersztajn and Mallat. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	1
35	Mechanisms of Fuel Surfeit Detoxification in Pancreatic $\hat{1}^2$ -cells. <i>Canadian Journal of Diabetes</i> , 2013, 37, S57-S58.	0.8	0