Weiping Han

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4800422/publications.pdf

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80	3,675	136950	144013
papers	citations	32 h-index	57 g-index

82	82	82	8639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The altered lipidome of hepatocellular carcinoma. Seminars in Cancer Biology, 2022, 86, 445-456.	9.6	11
2	SENP2 suppresses browning of white adipose tissues by de-conjugating SUMO from C/EBPÎ². Cell Reports, 2022, 38, 110408.	6.4	7
3	Reprogramming of mitochondrial proline metabolism promotes liver tumorigenesis. Amino Acids, 2021, 53, 1807-1815.	2.7	12
4	HOXC10 Suppresses Browning to Maintain White Adipocyte Identity. Diabetes, 2021, 70, 1654-1663.	0.6	5
5	Paired box 6 programs essential exocytotic genes in the regulation of glucose-stimulated insulin secretion and glucose homeostasis. Science Translational Medicine, 2021, 13, .	12.4	13
6	5-IP7 is a GPCR messenger mediating neural control of synaptotagmin-dependent insulin exocytosis and glucose homeostasis. Nature Metabolism, 2021, 3, 1400-1414.	11.9	13
7	O-GlcNAcase targets pyruvate kinase M2 to regulate tumor growth. Oncogene, 2020, 39, 560-573.	5.9	39
8	Metabolic pathway analyses identify proline biosynthesis pathway as a promoter of liver tumorigenesis. Journal of Hepatology, 2020, 72, 725-735.	3.7	71
9	Give and take: competition for BCAAs in the tumour microenvironment. Nature Metabolism, 2020, 2, 657-658.	11.9	0
10	Targeted Inhibition of Purine Metabolism Is Effective in Suppressing Hepatocellular Carcinoma Progression. Hepatology Communications, 2020, 4, 1362-1381.	4.3	22
11	ELKS1 controls mast cell degranulation by regulating the transcription of Stxbp2 and Syntaxin 4 via Kdm2b stabilization. Science Advances, 2020, 6, .	10.3	7
12	Remodeling of whole-body lipid metabolism and a diabetic-like phenotype caused by loss of CDK1 and hepatocyte division. ELife, 2020, 9, .	6.0	15
13	The pancreatic beta cells: Still much to be learned. Seminars in Cell and Developmental Biology, 2020, 103, 1-2.	5.0	1
14	Malignant manipulaTORs of metabolism: suppressing BCAA catabolism to enhance mTORC1 activity. Molecular and Cellular Oncology, 2019, 6, 1585171.	0.7	5
15	Seipin Knockout Mice Develop HeartÂFailure With Preserved EjectionÂFraction. JACC Basic To Translational Science, 2019, 4, 924-937.	4.1	24
16	Imaging Fibrogenesis in a Diet-Induced Model of Nonalcoholic Steatohepatitis (NASH). Contrast Media and Molecular Imaging, 2019, 2019, 1-8.	0.8	6
17	Indian Hedgehog links obesity to development of hepatocellular carcinoma. Oncogene, 2019, 38, 2206-2222.	5.9	22
18	Loss of BCAA Catabolism during Carcinogenesis Enhances mTORC1 Activity and Promotes Tumor Development and Progression. Cell Metabolism, 2019, 29, 1151-1165.e6.	16.2	144

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19	Adipose specific disruption of seipin causes early-onset generalised lipodystrophy and altered fuel utilisation without severe metabolic disease. Molecular Metabolism, 2018, 10, 55-65.	6.5	36
20	Synaptotagmin 4 Regulates Pancreatic Î² Cell Maturation by Modulating the Ca2+ Sensitivity of Insulin Secretion Vesicles. Developmental Cell, 2018, 45, 347-361.e5.	7.0	73
21	Epigenomic Control of Thermogenic Adipocyte Differentiation and Function. International Journal of Molecular Sciences, 2018, 19, 1793.	4.1	9
22	O-GlcNAc as an Integrator of Signaling Pathways. Frontiers in Endocrinology, 2018, 9, 599.	3.5	94
23	HOXC10 suppresses browning of white adipose tissues. Experimental and Molecular Medicine, 2017, 49, e292-e292.	7.7	25
24	miRNA-32 Drives Brown Fat Thermogenesis and Trans-activates Subcutaneous White Fat Browning in Mice. Cell Reports, 2017, 19, 1229-1246.	6.4	76
25	Narciclasine attenuates diet-induced obesity by promoting oxidative metabolism in skeletal muscle. PLoS Biology, 2017, 15, e1002597.	5.6	37
26	Regulation of white and brown adipocyte differentiation by RhoGAP DLC1. PLoS ONE, 2017, 12, e0174761.	2.5	25
27	Synaptotagminâ€1 1 inhibits clathrinâ€mediated and bulk endocytosis. EMBO Reports, 2016, 17, 47-63.	4.5	44
28	Acetylome study in mouse adipocytes identifies targets of SIRT1 deacetylation in chromatin organization and RNA processing. Archives of Biochemistry and Biophysics, 2016, 598, 1-10.	3.0	7
29	Green tea (-)-epigallocatechin-3-gallate counteracts daytime overeating induced by high-fat diet in mice. Molecular Nutrition and Food Research, 2016, 60, 2565-2575.	3.3	32
30	Dynamic DNA methylation landscape defines brown and white cell specificity during adipogenesis. Molecular Metabolism, 2016, 5, 1033-1041.	6.5	40
31	Molecular regulation of insulin granule biogenesis and exocytosis. Biochemical Journal, 2016, 473, 2737-2756.	3.7	19
32	Brefeldin Aâ€inhibited guanine nucleotide exchange protein 3 is localized in lysosomes and regulates <scp>GABA</scp> signaling in hippocampal neurons. Journal of Neurochemistry, 2016, 139, 748-756.	3.9	6
33	Pancreatic regulation of glucose homeostasis. Experimental and Molecular Medicine, 2016, 48, e219-e219.	7.7	541
34	Loss of Fas apoptosis inhibitory molecule leads to spontaneous obesity and hepatosteatosis. Cell Death and Disease, 2016, 7, e2091-e2091.	6.3	22
35	Adiponectin is released via a unique regulated exocytosis pathway from a pre-formed vesicle pool on insulin stimulation. Biochemical Journal, 2015, 471, 381-389.	3.7	11
36	An Actin Filament Population Defined by the Tropomyosin Tpm3.1 Regulates Glucose Uptake. Traffic, 2015, 16, 691-711.	2.7	61

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37	NUCKS: a potential biomarker in cancer and metabolic disease. Clinical Science, 2015, 128, 715-721.	4.3	20
38	Hypothalamic NUCKS regulates peripheral glucose homoeostasis. Biochemical Journal, 2015, 469, 391-398.	3.7	9
39	Acetylome Analysis Identifies SIRT1 Targets in mRNA-Processing and Chromatin-Remodeling in Mouse Liver. PLoS ONE, 2015, 10, e0140619.	2.5	8
40	Tropomodulin3 is a novel Akt2 effector regulating insulin-stimulated GLUT4 exocytosis through cortical actin remodeling. Nature Communications, 2015, 6, 5951.	12.8	74
41	Increased biogenesis of glucagon-containing secretory granules and glucagon secretion in BIG3-knockout mice. Molecular Metabolism, 2015, 4, 246-252.	6.5	24
42	TELP, a sensitive and versatile library construction method for next-generation sequencing. Nucleic Acids Research, 2015, 43, e35-e35.	14.5	43
43	Synaptotagmin-7 phosphorylation mediates GLP-1â€“dependent potentiation of insulin secretion from Î²-cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9996-10001.	7.1	65
44	SIRT1 Interacts with and Deacetylates ATP6V1B2 in Mature Adipocytes. PLoS ONE, 2015, 10, e0133448.	2.5	7
45	Arp2/3 complex regulates adipogenesis by controlling cortical actin remodelling. Biochemical Journal, 2014, 464, 179-192.	3.7	22
46	Insulin-stimulated leptin secretion requires calcium and PI3K/Akt activation. Biochemical Journal, 2014, 458, 491-498.	3.7	41
47	Towards a mechanistic understanding of lipodystrophy and seipin functions. Bioscience Reports, 2014, 34, .	2.4	23
48	Tropomodulin3 as the link between insulin-activated AKT2 and cortical actin remodeling in preparation of GLUT4 exocytosis. Bioarchitecture, 2014, 4, 210-214.	1.5	4
49	Motor neuropathyâ€associated mutation impairs Seipin functions in neurotransmission. Journal of Neurochemistry, 2014, 129, 328-338.	3.9	19
50	Obesity acceleratesHelicobacter felis-induced gastric carcinogenesis by enhancing immature myeloid cell trafficking and T_H17 response. Gut, 2014, 63, 385-394.	12.1	60
51	Detection of insulin granule exocytosis by an electrophysiology method with high temporal resolution reveals enlarged insulin granule pool in BIG3-knockout mice. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E611-E618.	3.5	11
52	BSCL2/seipin regulates adipogenesis through actin cytoskeleton remodelling. Human Molecular Genetics, 2014, 23, 502-513.	2.9	61
53	Identification of Specific Cell-Surface Markers of Adipose-Derived Stem Cells from Subcutaneous and Visceral Fat Depots. Stem Cell Reports, 2014, 2, 171-179.	4.8	135
54	Leptin resistance and obesity in mice with deletion of methyl-CpG-binding protein 2 (MeCP2) in hypothalamic pro-opiomelanocortin (POMC) neurons. Diabetologia, 2014, 57, 236-245.	6.3	52

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55	NUCKS Is a Positive Transcriptional Regulator of Insulin Signaling. Cell Reports, 2014, 7, 1876-1886.	6.4	38
56	BIG3 inhibits insulin granule biogenesis and insulin secretion. EMBO Reports, 2014, 15, 714-22.	4.5	21
57	Nuclear factor Î²B (NF-Î²B) suppresses food intake and energy expenditure in mice by directly activating the Pomc promoter. Diabetologia, 2013, 56, 925-936.	6.3	51
58	In Vivohyperpolarized carbon-13 magnetic resonance spectroscopy reveals increased pyruvate carboxylase flux in an insulin-resistant mouse model. Hepatology, 2013, 57, 515-524.	7.3	77
59	Seipin regulates excitatory synaptic transmission in cortical neurons. Journal of Neurochemistry, 2013, 124, 478-489.	3.9	24
60	Seipin differentially regulates lipogenesis and adipogenesis through a conserved core sequence and an evolutionarily acquired C-terminus. Biochemical Journal, 2013, 452, 37-44.	3.7	37
61	Regulation of adipogenesis by cytoskeleton remodelling is facilitated by acetyltransferase MEC-17-dependent acetylation of Î±-tubulin. Biochemical Journal, 2013, 449, 605-612.	3.7	46
62	Novel Systems for Dynamically Assessing Insulin Action in Live Cells Reveals Heterogeneity in the Insulin Response. Traffic, 2013, 14, 259-273.	2.7	27
63	Altered Islet Morphology but Normal Islet Secretory Function In Vitro in a Mouse Model with Microvascular Alterations in the Pancreas. PLoS ONE, 2013, 8, e71277.	2.5	18
64	Regulation of synaptic functions in central nervous system by endocrine hormones and the maintenance of energy homoeostasis. Bioscience Reports, 2012, 32, 423-432.	2.4	24
65	Dual functions of adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1 (APPL1) in insulin signaling and insulin secretion. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8795-8796.	7.1	4
66	Calcium Sensing in Exocytosis. Advances in Experimental Medicine and Biology, 2012, 740, 731-757.	1.6	17
67	Wip1-Dependent Regulation of Autophagy, Obesity, and Atherosclerosis. Cell Metabolism, 2012, 16, 68-80.	16.2	124
68	An Inhibitory Effect of Extracellular Ca2+ on Ca2+-Dependent Exocytosis. PLoS ONE, 2011, 6, e24573.	2.5	5
69	Increased Lipolysis and Energy Expenditure in a Mouse Model with Severely Impaired Glucagon Secretion. PLoS ONE, 2011, 6, e26671.	2.5	11
70	Delayed onset of hyperglycaemia in a mouse model with impaired glucagon secretion demonstrates that dysregulated glucagon secretion promotes hyperglycaemia and type 2 diabetes. Diabetologia, 2011, 54, 415-422.	6.3	10
71	Synaptotagmin-7 as a positive regulator of glucose-induced glucagon-like peptide-1 secretion in mice. Diabetologia, 2011, 54, 1824-1830.	6.3	24
72	Calcium Triggers Exocytosis from Two Types of Organelles in a Single Astrocyte. Journal of Neuroscience, 2011, 31, 10593-10601.	3.6	86

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73	Reduced Body Weight and Increased Energy Expenditure in Transgenic Mice Over-Expressing Soluble Leptin Receptor. PLoS ONE, 2010, 5, e11669.	2.5	42
74	Linking type 2 diabetes and Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6557-6558.	7.1	94
75	Neuronal Calcium Sensor Synaptotagmin-9 Is Not Involved in the Regulation of Glucose Homeostasis or Insulin Secretion. PLoS ONE, 2010, 5, e15414.	2.5	18
76	Calcium-sensing beyond neurotransmitters: functions of synaptotagmins in neuroendocrine and endocrine secretion. Bioscience Reports, 2009, 29, 245-259.	2.4	84
77	FoxO1 Inhibits Leptin Regulation of Pro-opiomelanocortin Promoter Activity by Blocking STAT3 Interaction with Specificity Protein 1. Journal of Biological Chemistry, 2009, 284, 3719-3727.	3.4	81
78	Synaptotagminâ€7 is a principal Ca²⁺ sensor for Ca²⁺â€induced glucagon exocytosis in pancreas. Journal of Physiology, 2009, 587, 1169-1178.	2.9	87
79	Impaired insulin secretion and glucose intolerance in synaptotagmin-7 null mutant mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3992-3997.	7.1	165
80	Synaptotagmin VII as a Plasma Membrane Ca2+ Sensor in Exocytosis. Neuron, 2001, 30, 459-473.	8.1	207