

Qiong A Wang

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

5,232
citations

136740

32
h-index

189595

50
g-index

54
all docs

54
docs citations

54
times ranked

8608
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking adipogenesis during white adipose tissue development, expansion and regeneration. <i>Nature Medicine</i> , 2013, 19, 1338-1344.	15.2	988
2	Adipocyte Inflammation Is Essential for Healthy Adipose Tissue Expansion and Remodeling. <i>Cell Metabolism</i> , 2014, 20, 103-118.	7.2	525
3	Reductive carboxylation supports redox homeostasis during anchorage-independent growth. <i>Nature</i> , 2016, 532, 255-258.	13.7	472
4	Pdgfr β ⁺ Mural Preadipocytes Contribute to Adipocyte Hyperplasia Induced by High-Fat-Diet Feeding and Prolonged Cold Exposure in Adult Mice. <i>Cell Metabolism</i> , 2016, 23, 350-359.	7.2	259
5	YAP Aggravates Inflammatory Bowel Disease by Regulating M1/M2 Macrophage Polarization and Gut Microbial Homeostasis. <i>Cell Reports</i> , 2019, 27, 1176-1189.e5.	2.9	224
6	Zfp423 Maintains White Adipocyte Identity through Suppression of the Beige Cell Thermogenic Gene Program. <i>Cell Metabolism</i> , 2016, 23, 1167-1184.	7.2	187
7	An Adipose Tissue Atlas: An Image-Guided Identification of Human-like BAT and Beige Depots in Rodents. <i>Cell Metabolism</i> , 2018, 27, 252-262.e3.	7.2	174
8	Abrogation of hepatic ATP-citrate lyase protects against fatty liver and ameliorates hyperglycemia in leptin receptor-deficient mice. <i>Hepatology</i> , 2009, 49, 1166-1175.	3.6	172
9	Low- and high-thermogenic brown adipocyte subpopulations coexist in murine adipose tissue. <i>Journal of Clinical Investigation</i> , 2019, 130, 247-257.	3.9	134
10	Identification and Characterization of a Promoter Cassette Conferring Adipocyte-Specific Gene Expression. <i>Endocrinology</i> , 2010, 151, 2933-2939.	1.4	132
11	Brown adipose tissue derived VEGF-A modulates cold tolerance and energy expenditure. <i>Molecular Metabolism</i> , 2014, 3, 474-483.	3.0	126
12	Reversible De-differentiation of Mature White Adipocytes into Preadipocyte-like Precursors during Lactation. <i>Cell Metabolism</i> , 2018, 28, 282-288.e3.	7.2	116
13	Targeted Deletion of Adipocytes by Apoptosis Leads to Adipose Tissue Recruitment of Alternatively Activated M2 Macrophages. <i>Endocrinology</i> , 2011, 152, 3074-3081.	1.4	114
14	Dermal adipose tissue has high plasticity and undergoes reversible dedifferentiation in mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 5327-5342.	3.9	112
15	Distinct regulatory mechanisms governing embryonic versus adult adipocyte maturation. <i>Nature Cell Biology</i> , 2015, 17, 1099-1111.	4.6	111
16	Impact of tamoxifen on adipocyte lineage tracing: Inducer of adipogenesis and prolonged nuclear translocation of Cre recombinase. <i>Molecular Metabolism</i> , 2015, 4, 771-778.	3.0	103
17	Cellular Origins of Beige Fat Cells Revisited. <i>Diabetes</i> , 2019, 68, 1874-1885.	0.3	98
18	PKA phosphorylation couples hepatic inositol-requiring enzyme 1 β to glucagon signaling in glucose metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15852-15857.	3.3	76

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19	Leptin Contributes to the Adaptive Responses of Mice to High-Fat Diet Intake through Suppressing the Lipogenic Pathway. <i>PLoS ONE</i> , 2009, 4, e6884.	1.1	74
20	Adiponectin is essential for lipid homeostasis and survival under insulin deficiency and promotes β -cell regeneration. <i>ELife</i> , 2014, 3, .	2.8	74
21	Improved methodologies for the study of adipose biology: insights gained and opportunities ahead. <i>Journal of Lipid Research</i> , 2014, 55, 605-624.	2.0	68
22	FMRP-Mediated Axonal Delivery of miR-181d Regulates Axon Elongation by Locally Targeting Map1b and Calm1. <i>Cell Reports</i> , 2015, 13, 2794-2807.	2.9	63
23	Tyrosine-dependent and -independent actions of leptin receptor in control of energy balance and glucose homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18619-18624.	3.3	55
24	MitoNEET-Parkin Effects in Pancreatic β - and α -Cells, Cellular Survival, and Intra-islet Cross Talk. <i>Diabetes</i> , 2016, 65, 1534-1555.	0.3	55
25	Deficiency in hepatic ATP-citrate lyase affects VLDL-triglyceride mobilization and liver fatty acid composition in mice. <i>Journal of Lipid Research</i> , 2010, 51, 2516-2526.	2.0	53
26	β -Tubulin Acetylation Restricts Axon Overbranching by Dampening Microtubule Plus-End Dynamics in Neurons. <i>Cerebral Cortex</i> , 2018, 28, 3332-3346.	1.6	52
27	Mitochondrial division inhibitor (mdivi-1) decreases oxidative metabolism in cancer. <i>British Journal of Cancer</i> , 2020, 122, 1288-1297.	2.9	51
28	The AdipoChaser mouse. <i>Adipocyte</i> , 2014, 3, 146-150.	1.3	47
29	Time course of histomorphological changes in adipose tissue upon acute lipodystrophy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 723-731.	1.1	44
30	The Natural Compound Notopterol Binds and Targets JAK2/3 to Ameliorate Inflammation and Arthritis. <i>Cell Reports</i> , 2020, 32, 108158.	2.9	43
31	Adiponectin-Mediated Antilipotoxic Effects in Regenerating Pancreatic Islets. <i>Endocrinology</i> , 2015, 156, 2019-2028.	1.4	41
32	Brown Adipose Tissue Heterogeneity, Energy Metabolism, and Beyond. <i>Frontiers in Endocrinology</i> , 2021, 12, 651763.	1.5	38
33	Energy metabolism in brown adipose tissue. <i>FEBS Journal</i> , 2021, 288, 3647-3662.	2.2	35
34	FXRD2, a β subunit of Na ⁺ ,K ⁺ -ATPase, maintains persistent mechanical allodynia induced by inflammation. <i>Cell Research</i> , 2015, 25, 318-334.	5.7	34
35	Toxicity of two type II ribosome-inactivating proteins (cinnamomin and ricin) to domestic silkworm larvae. <i>Archives of Insect Biochemistry and Physiology</i> , 2004, 57, 160-165.	0.6	33
36	Peroxisome Proliferator-Activated Receptor γ and Its Role in Adipocyte Homeostasis and Thiazolidinedione-Mediated Insulin Sensitization. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	33

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37	Chronic cold exposure enhances glucose oxidation in brown adipose tissue. <i>EMBO Reports</i> , 2020, 21, e50085.	2.0	33
38	Short-Term Versus Long-Term Effects of Adipocyte Toll-Like Receptor 4 Activation on Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2017, 158, 1260-1270.	1.4	31
39	ECM1 secreted by HER2-overexpressing breast cancer cells promotes formation of a vascular niche accelerating cancer cell migration and invasion. <i>Laboratory Investigation</i> , 2020, 100, 928-944.	1.7	26
40	Dosage effect of multiple genes accounts for multisystem disorder of myotonic dystrophy type 1. <i>Cell Research</i> , 2020, 30, 133-145.	5.7	21
41	Transmembrane Segments Prevent Surface Expression of Sodium Channel Nav1.8 and Promote Calnexin-dependent Channel Degradation*. <i>Journal of Biological Chemistry</i> , 2010, 285, 32977-32987.	1.6	20
42	Remodeling of Murine Mammary Adipose Tissue during Pregnancy, Lactation, and Involution. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2019, 24, 207-212.	1.0	20
43	Differential transendothelial transport of adiponectin complexes. <i>Cardiovascular Diabetology</i> , 2014, 13, 47.	2.7	17
44	Fibroblast growth factor 7 is a nociceptive modulator secreted via large dense-core vesicles. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 466-475.	1.5	14
45	Autonomous interconversion between adult pancreatic β -cells and δ -cells after differential metabolic challenges. <i>Molecular Metabolism</i> , 2016, 5, 437-448.	3.0	14
46	LRCH1 deficiency enhances LAT signalosome formation and CD8 ⁺ T cell responses against tumors and pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19388-19398.	3.3	6
47	EMT-Derived Alterations in Glutamine Metabolism Sensitize Mesenchymal Breast Cells to mTOR Inhibition. <i>Molecular Cancer Research</i> , 2021, 19, 1546-1558.	1.5	6
48	Argininosuccinate lyase is a metabolic vulnerability in breast development and cancer. <i>Npj Systems Biology and Applications</i> , 2021, 7, 36.	1.4	3
49	Human Beige Adipocytes: Epiphenomenon or Drivers of Metabolic Improvements?. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 244-246.	3.1	2
50	The B56 β subunit of PP2A is necessary for mesenchymal stem cell commitment to adipocyte. <i>EMBO Reports</i> , 2021, 22, e51910.	2.0	2
51	Adipose Tissue Remodeling and Adipose Precursors. , 2018, , .		0
52	Leukemia Cells Remodel Adipocyte Niches and Their Progenitor Functions to Generate Leukemia Favoring Niche. <i>Blood</i> , 2018, 132, 1294-1294.	0.6	0