

Meilian Liu

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,780
citations

236925

25
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

4302
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose tissue in control of metabolism. <i>Journal of Endocrinology</i> , 2016, 231, R77-R99.	2.6	423
2	Transcriptional and post-translational regulation of adiponectin. <i>Biochemical Journal</i> , 2010, 425, 41-52.	3.7	205
3	A disulfide-bond A oxidoreductase-like protein (DsbA-L) regulates adiponectin multimerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18302-18307.	7.1	188
4	DsbA-L prevents obesity-induced inflammation and insulin resistance by suppressing the mtDNA release-activated cGAS-cGAMP-STING pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12196-12201.	7.1	185
5	Adiponectin: a versatile player of innate immunity. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 120-128.	3.3	169
6	Resveratrol Inhibits mTOR Signaling by Promoting the Interaction between mTOR and DEPTOR. <i>Journal of Biological Chemistry</i> , 2010, 285, 36387-36394.	3.4	154
7	Adiponectin is critical in determining susceptibility to depressive behaviors and has antidepressant-like activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12248-12253.	7.1	145
8	Regulation of adiponectin multimerization, signaling and function. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2014, 28, 25-31.	4.7	115
9	Endoplasmic reticulum-associated degradation regulates mitochondrial dynamics in brown adipocytes. <i>Science</i> , 2020, 368, 54-60.	12.6	107
10	Grb10 Promotes Lipolysis and Thermogenesis by Phosphorylation-Dependent Feedback Inhibition of mTORC1. <i>Cell Metabolism</i> , 2014, 19, 967-980.	16.2	106
11	DsbA-L Alleviates Endoplasmic Reticulum Stress-Induced Adiponectin Downregulation. <i>Diabetes</i> , 2010, 59, 2809-2816.	0.6	105
12	IL-33-driven ILC2/eosinophil axis in fat is induced by sympathetic tone and suppressed by obesity. <i>Journal of Endocrinology</i> , 2016, 231, 35-48.	2.6	69
13	Fat-Specific DsbA-L Overexpression Promotes Adiponectin Multimerization and Protects Mice From Diet-Induced Obesity and Insulin Resistance. <i>Diabetes</i> , 2012, 61, 2776-2786.	0.6	67
14	Leptin Enhances TH2 and ILC2 Responses in Allergic Airway Disease. <i>Journal of Biological Chemistry</i> , 2016, 291, 22043-22052.	3.4	64
15	Preclinical efficacy of the GPER-selective agonist G-1 in mouse models of obesity and diabetes. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	62
16	Adipose mTORC1 Suppresses Prostaglandin Signaling and Beige Adipogenesis via the CRTC2-COX-2 Pathway. <i>Cell Reports</i> , 2018, 24, 3180-3193.	6.4	59
17	Mitophagy protein PINK1 suppresses colon tumor growth by metabolic reprogramming via p53 activation and reducing acetyl-CoA production. <i>Cell Death and Differentiation</i> , 2021, 28, 2421-2435.	11.2	57
18	Mitochondrial stress-activated cGAS-STING pathway inhibits thermogenic program and contributes to overnutrition-induced obesity in mice. <i>Communications Biology</i> , 2020, 3, 257.	4.4	50

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19	Up- and down-regulation of adiponectin expression and multimerization: Mechanisms and therapeutic implication. <i>Biochimie</i> , 2012, 94, 2126-2130.	2.6	49
20	Leptin Promotes Allergic Airway Inflammation through Targeting the Unfolded Protein Response Pathway. <i>Scientific Reports</i> , 2018, 8, 8905.	3.3	42
21	Rheb Inhibits Beiging of White Adipose Tissue via PDE4D5-Dependent Downregulation of the cAMP-PKA Signaling Pathway. <i>Diabetes</i> , 2017, 66, 1198-1213.	0.6	39
22	Endoplasmic Reticulum (ER) Localization Is Critical for DsbA-L Protein to Suppress ER Stress and Adiponectin Down-regulation in Adipocytes. <i>Journal of Biological Chemistry</i> , 2015, 290, 10143-10148.	3.4	36
23	Adiponectin restrains ILC2 activation by AMPK-mediated feedback inhibition of IL-33 signaling. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	35
24	Sustained activation of autophagy suppresses adipocyte maturation via a lipolysis-dependent mechanism. <i>Autophagy</i> , 2020, 16, 1668-1682.	9.1	34
25	Adipocyte Spliced Form of X-Boxâ€œBinding Protein 1 Promotes Adiponectin Multimerization and Systemic Glucose Homeostasis. <i>Diabetes</i> , 2014, 63, 867-879.	0.6	33
26	Adiponectin Synthesis, Secretion and Extravasation from Circulation to Interstitial Space. <i>Physiology</i> , 2021, 36, 134-149.	3.1	24
27	Hepatic DsbAâ€œL protects mice from dietâ€œinduced hepatosteatosis and insulin resistance. <i>FASEB Journal</i> , 2017, 31, 2314-2326.	0.5	21
28	Resveratrol inhibits mTOR signaling by targeting DEPTOR. <i>Communicative and Integrative Biology</i> , 2011, 4, 382-384.	1.4	19
29	The miR-182-5p/FGF21/acetylcholine axis mediates the crosstalk between adipocytes and macrophages to promote beige fat thermogenesis. <i>JCI Insight</i> , 2021, 6, .	5.0	19
30	Myeloid adrenergic signaling via CaMKII forms a feedforward loop of catecholamine biosynthesis. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 422-434.	3.3	15
31	Phosphorylation of Adaptor Protein Containing Pleckstrin Homology Domain, Phosphotyrosine Binding Domain, and Leucine Zipper Motif 1 (APPL1) at Ser430 Mediates Endoplasmic Reticulum (ER) Stress-induced Insulin Resistance in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2012, 287, 26087-26093.	3.4	14
32	Resveratrol inhibits mTOR signaling by targeting DEPTOR. <i>Communicative and Integrative Biology</i> , 2011, 4, 382-4.	1.4	14
33	Adipocyte-derived PGE2 is required for intermittent fastingâ€œinduced Treg proliferation and improvement of insulin sensitivity. <i>JCI Insight</i> , 2022, 7, .	5.0	13
34	DsbA-L deficiency in T cells promotes diet-induced thermogenesis through suppressing IFN-Î³ production. <i>Nature Communications</i> , 2021, 12, 326.	12.8	12
35	Ursolic Acid Inhibits Leucine-Stimulated mTORC1 Signaling by Suppressing mTOR Localization to Lysosome. <i>PLoS ONE</i> , 2014, 9, e95393.	2.5	12
36	Rheb promotes brown fat thermogenesis by Notch-dependent activation of the PKA signaling pathway. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 781-790.	3.3	6

#	ARTICLE	IF	CITATIONS
37	COX-2 Deficiency Promotes White Adipogenesis via PGE2-Mediated Paracrine Mechanism and Exacerbates Diet-Induced Obesity. <i>Cells</i> , 2022, 11, 1819.	4.1	5
38	Adiponectin: friend or foe in obesity and inflammation. <i>Medical Review</i> , 2022, 2, 349-362.	1.2	5
39	Glucocorticoid/Adiponectin Axis Mediates Full Activation of Cold-Induced Beige Fat Thermogenesis. <i>Biomolecules</i> , 2021, 11, 1573.	4.0	3