Brice Emanuelli

List of Publications by Year
in descending order

39 papers	5,524 citations	279487 23 h-index	288905 40 g-index
41 all docs	41 docs citations	41 times ranked	9402 citing authors

#	Article	IF	Citations
1	Immune Cells in Thermogenic Adipose Depots: The Essential but Complex Relationship. Frontiers in Endocrinology, 2022, 13, 839360.	1.5	2
2	White adipose remodeling during browning in mice involves YBX1 to drive thermogenic commitment. Molecular Metabolism, 2021, 44, 101137.	3.0	13
3	Ablation of <i>Nampt</i> in AgRP neurons leads to neurodegeneration and impairs fastingâ€•and ghrelinâ€mediated food intake. FASEB Journal, 2021, 35, e21450.	0.2	2
4	Cold-induction of afadin in brown fat supports its thermogenic capacity. Scientific Reports, 2021, 11, 9794.	1.6	3
5	Lipolysis drives expression of the constitutively active receptor GPR3 to induce adipose thermogenesis. Cell, 2021, 184, 3502-3518.e33.	13.5	68
6	Age-dependent transition from islet insulin hypersecretion to hyposecretion in mice with the long QT-syndrome loss-of-function mutation Kcnq1-A340V. Scientific Reports, 2021, 11, 12253.	1.6	10
7	Dynamic interplay between Afadin S1795 phosphorylation and diet regulates glucose homeostasis in obese mice. Journal of Physiology, 2021, , .	1.3	4
8	Insulin resistance rewires the metabolic gene program and glucose utilization in human white adipocytes. International Journal of Obesity, 2021, , .	1.6	3
9	Fastingâ€•and ghrelinâ€induced food intake is regulated by NAMPT in the hypothalamus. Acta Physiologica, 2020, 228, e13437.	1.8	22
10	Pyruvate kinase M2 represses thermogenic gene expression in brown adipocytes. FEBS Letters, 2020, 594, 1218-1225.	1.3	5
11	Calsyntenin 3Î² Is Dynamically Regulated by Temperature in Murine Brown Adipose and Marks Human Multilocular Fat. Frontiers in Endocrinology, 2020, 11, 579785.	1.5	7
12	CRISPR-engineered human brown-like adipocytes prevent diet-induced obesity and ameliorate metabolic syndrome in mice. Science Translational Medicine, 2020, 12, .	5.8	80
13	Dynamic changes in DICER levels in adipose tissue control metabolic adaptations to exercise. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23932-23941.	3.3	19
14	Human thermogenic adipocyte regulation by the long noncoding RNA LINC00473. Nature Metabolism, 2020, 2, 397-412.	5.1	65
15	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. Nature Communications, 2020, 11, 1421.	5.8	67
16	Insulin-induced serine 22 phosphorylation of retinoid X receptor alpha is dispensable for adipogenesis in brown adipocytes. Adipocyte, 2020, 9, 142-152.	1.3	6
17	Identification of two microRNA nodes as potential cooperative modulators of liver metabolism. Hepatology Research, 2019, 49, 1451-1465.	1.8	9
18	Afadin is a scaffold protein repressing insulin action via <scp>HDAC</scp> 6 in adipose tissue. EMBO Reports, 2019, 20, e48216.	2.0	16

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19	The brominated flame retardant PBDE 99 promotes adipogenesis via regulating mitotic clonal expansion and PPARÎ³ expression. Science of the Total Environment, 2019, 670, 67-77.	3.9	25
20	Distinct signalling properties of insulin receptor substrate (IRS)-1 and IRS-2 in mediating insulin/IGF-1 action. Cellular Signalling, 2018, 47, 1-15.	1.7	41
21	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. Cell Metabolism, 2018, 28, 159-174.e11.	7.2	114
22	Bidirectional manipulation of gene expression in adipocytes using CRISPRa and siRNA. Molecular Metabolism, 2017, 6, 1313-1320.	3.0	38
23	Interplay between FGF21 and insulin action in the liver regulates metabolism. Journal of Clinical Investigation, 2014, 124, 515-527.	3.9	201
24	Adipose-Specific Deletion of TFAM Increases Mitochondrial Oxidation and Protects Mice against Obesity and Insulin Resistance. Cell Metabolism, 2012, 16, 765-776.	7.2	206
25	Intrinsic Differences in Adipocyte Precursor Cells From Different White Fat Depots. Diabetes, 2012, 61, 1691-1699.	0.3	247
26	Cross-talk between Insulin and Wnt Signaling in Preadipocytes. Journal of Biological Chemistry, 2012, 287, 12016-12026.	1.6	90
27	Dietary Leucine - An Environmental Modifier of Insulin Resistance Acting on Multiple Levels of Metabolism. PLoS ONE, 2011, 6, e21187.	1.1	222
28	Sirtuin-3 (Sirt3) regulates skeletal muscle metabolism and insulin signaling via altered mitochondrial oxidation and reactive oxygen species production. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14608-14613.	3.3	403
29	Insulin Resistance in the Metabolic Syndrome. , 2011, , 175-198.		2
30	PKCÎ´ regulates hepatic insulin sensitivity and hepatosteatosis in mice and humans. Journal of Clinical Investigation, 2011, 121, 2504-2517.	3.9	115
31	Cross Talk between Insulin and Bone Morphogenetic Protein Signaling Systems in Brown Adipogenesis. Molecular and Cellular Biology, 2010, 30, 4224-4233.	1.1	59
32	Overexpression of the dual-specificity phosphatase MKP-4/DUSP-9 protects against stress-induced insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3545-3550.	3.3	97
33	SOCS-1 deficiency does not prevent diet-induced insulin resistance. Biochemical and Biophysical Research Communications, 2008, 377, 447-452.	1.0	23
34	Critical nodes in signalling pathways: insights into insulin action. Nature Reviews Molecular Cell Biology, 2006, 7, 85-96.	16.1	2,299
35	The Potential Role of SOCS-3 in the Interleukin-1Â-Induced Desensitization of Insulin Signaling in Pancreatic Beta-Cells. Diabetes, 2004, 53, S97-S103.	0.3	40
36	Surfing the insulin signaling web. European Journal of Clinical Investigation, 2001, 31, 966-977.	1.7	75

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37	SOCS-3 Inhibits Insulin Signaling and Is Up-regulated in Response to Tumor Necrosis Factor-Î± in the Adipose Tissue of Obese Mice. Journal of Biological Chemistry, 2001, 276, 47944-47949.	1.6	367
38	Insulin Induces Suppressor of Cytokine Signaling-3 Tyrosine Phosphorylation through Janus-activated Kinase. Journal of Biological Chemistry, 2001, 276, 24614-24620.	1.6	52
39	SOCS-3 Is an Insulin-induced Negative Regulator of Insulin Signaling. Journal of Biological Chemistry, 2000, 275, 15985-15991.	1.6	385