List of Publications by Year in descending order

479 papers	72,963 citations	464 130 h-index	660 255 g-index
492 all docs	492 docs citations	492 times ranked	59882 citing authors

#	Article	IF	Citations
1	A Novel Serum Protein Similar to C1q, Produced Exclusively in Adipocytes. Journal of Biological Chemistry, 1995, 270, 26746-26749.	1.6	2,702
2	The adipocyte-secreted protein Acrp30 enhances hepatic insulin action. Nature Medicine, 2001, 7, 947-953.	15.2	2,334
3	Adipose Tissue, Inflammation, and Cardiovascular Disease. Circulation Research, 2005, 96, 939-949.	2.0	1,779
4	Adipose tissue remodeling and obesity. Journal of Clinical Investigation, 2011, 121, 2094-2101.	3.9	1,455
5	Caveolins, a Family of Scaffolding Proteins for Organizing â€œPreassembled Signaling Complexesâ€•at the Plasma Membrane. Journal of Biological Chemistry, 1998, 273, 5419-5422.	1.6	1,375
6	Obesity-associated improvements in metabolic profile through expansion of adipose tissue. Journal of Clinical Investigation, 2007, 117, 2621-2637.	3.9	1,104
7	Visceral Fat Adipokine Secretion Is Associated With Systemic Inflammation in Obese Humans. Diabetes, 2007, 56, 1010-1013.	0.3	1,094
8	Minireview: The Adipocyteâ€”At the Crossroads of Energy Homeostasis, Inflammation, and Atherosclerosis. Endocrinology, 2003, 144, 3765-3773.	1.4	1,077
9	ACRP30/adiponectin: an adipokine regulating glucose and lipid metabolism. Trends in Endocrinology and Metabolism, 2002, 13, 84-89.	3.1	1,069
10	Complex Distribution, Not Absolute Amount of Adiponectin, Correlates with Thiazolidinedione-mediated Improvement in Insulin Sensitivity. Journal of Biological Chemistry, 2004, 279, 12152-12162.	1.6	1,018
11	Tracking adipogenesis during white adipose tissue development, expansion and regeneration. Nature Medicine, 2013, 19, 1338-1344.	15.2	988
12	Exercise-induced BCL2-regulated autophagy is required for muscle glucose homeostasis. Nature, 2012, 481, 511-515.	13.7	975
13	Caveolins, Liquid-Ordered Domains, and Signal Transduction. Molecular and Cellular Biology, 1999, 19, 7289-7304.	1.1	960
14	Structure-Function Studies of the Adipocyte-secreted Hormone Acrp30/Adiponectin. Journal of Biological Chemistry, 2003, 278, 9073-9085.	1.6	941
15	Adipose Tissue: From Lipid Storage Compartment to Endocrine Organ. Diabetes, 2006, 55, 1537-1545.	0.3	916
16	Metabolic Dysregulation and Adipose Tissue Fibrosis: Role of Collagen VI. Molecular and Cellular Biology, 2009, 29, 1575-1591.	1.1	862
17	Adipogenesis and metabolic health. Nature Reviews Molecular Cell Biology, 2019, 20, 242-258.	16.1	836
18	Receptor-mediated activation of ceramidase activity initiates the pleiotropic actions of adiponectin. Nature Medicine, 2011, 17, 55-63.	15.2	751

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19	Endogenous glucose production is inhibited by the adipose-derived protein Acrp30. Journal of Clinical Investigation, 2001, 108, 1875-1881.	3.9	748
20	Adiponectin, Leptin, and Fatty Acids in the Maintenance of Metabolic Homeostasis through Adipose Tissue Crosstalk. Cell Metabolism, 2016, 23, 770-784.	7.2	730
21	Adiponectin acts in the brain to decrease body weight. Nature Medicine, 2004, 10, 524-529.	15.2	722
22	Hypoxia-Inducible Factor 1Î± Induces Fibrosis and Insulin Resistance in White Adipose Tissue. Molecular and Cellular Biology, 2009, 29, 4467-4483.	1.1	720
23	Fibrosis and Adipose Tissue Dysfunction. Cell Metabolism, 2013, 18, 470-477.	7.2	717
24	The crystal structure of a complement-1q family protein suggests an evolutionary link to tumor necrosis factor. Current Biology, 1998, 8, 335-340.	1.8	649
25	Caveolae, caveolin and caveolin-rich membrane domains: a signalling hypothesis. Trends in Cell Biology, 1994, 4, 231-235.	3.6	636
26	Molecular Cloning of Caveolin-3, a Novel Member of the Caveolin Gene Family Expressed Predominantly in Muscle. Journal of Biological Chemistry, 1996, 271, 2255-2261.	1.6	623
27	Expression of Caveolin-3 in Skeletal, Cardiac, and Smooth Muscle Cells. Journal of Biological Chemistry, 1996, 271, 15160-15165.	1.6	619
28	Obesity and cancerâ€"mechanisms underlying tumour progression and recurrence. Nature Reviews Endocrinology, 2014, 10, 455-465.	4.3	575
29	Lipid-induced insulin resistance mediated by the proinflammatory receptor TLR4 requires saturated fatty acidâ€"induced ceramide biosynthesis in mice. Journal of Clinical Investigation, 2011, 121, 1858-1870.	3.9	566
30	Mice Lacking Adiponectin Show Decreased Hepatic Insulin Sensitivity and Reduced Responsiveness to Peroxisome Proliferator-activated Receptor Î³ Agonists. Journal of Biological Chemistry, 2006, 281, 2654-2660.	1.6	558
31	Adipose Tissue-Derived Factors: Impact on Health and Disease. Endocrine Reviews, 2006, 27, 762-778.	8.9	536
32	Induction of Adipocyte Complement-Related Protein of 30 Kilodaltons by PPARÎ³ Agonists: A Potential Mechanism of Insulin Sensitization. Endocrinology, 2002, 143, 998-1007.	1.4	533
33	Adipocyte Inflammation Is Essential for Healthy Adipose Tissue Expansion and Remodeling. Cell Metabolism, 2014, 20, 103-118.	7.2	525
34	Targeting adipose tissue in the treatment of obesity-associated diabetes. Nature Reviews Drug Discovery, 2016, 15, 639-660.	21.5	518
35	Flotillin and Epidermal Surface Antigen Define a New Family of Caveolae-associated Integral Membrane Proteins. Journal of Biological Chemistry, 1997, 272, 13793-13802.	1.6	510
36	The ominous triad of adipose tissue dysfunction: inflammation, fibrosis, and impaired angiogenesis. Journal of Clinical Investigation, 2017, 127, 74-82.	3.9	507

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37	Sexual Differentiation, Pregnancy, Calorie Restriction, and Aging Affect the Adipocyte-Specific Secretory Protein Adiponectin. Diabetes, 2003, 52, 268-276.	0.3	501
38	Caveolin-1-deficient Mice Are Lean, Resistant to Diet-induced Obesity, and Show Hypertriglyceridemia with Adipocyte Abnormalities. Journal of Biological Chemistry, 2002, 277, 8635-8647.	1.6	494
39	Lipid homeostasis, lipotoxicity and the metabolic syndrome. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 209-214.	1.2	487
40	A Transgenic Mouse with a Deletion in the Collagenous Domain of Adiponectin Displays Elevated Circulating Adiponectin and Improved Insulin Sensitivity. Endocrinology, 2004, 145, 367-383.	1.4	480
41	Cell-type and Tissue-specific Expression of Caveolin-2. Journal of Biological Chemistry, 1997, 272, 29337-29346.	1.6	466
42	An FGF21-Adiponectin-Ceramide Axis Controls Energy Expenditure and Insulin Action in Mice. Cell Metabolism, 2013, 17, 790-797.	7.2	443
43	Adipokines as novel biomarkers and regulators of the metabolic syndrome. Annals of the New York Academy of Sciences, 2010, 1212, E1-E19.	1.8	431
44	Adipose-derived resistin and gut-derived resistin-like moleculeâ€“Î² selectively impair insulin action on glucose production. Journal of Clinical Investigation, 2003, 111, 225-230.	3.9	429
45	The cell biology of fat expansion. Journal of Cell Biology, 2015, 208, 501-512.	2.3	428
46	The Hyperglycemia-induced Inflammatory Response in Adipocytes. Journal of Biological Chemistry, 2005, 280, 4617-4626.	1.6	410
47	Adiponectin, the past two decades. Journal of Molecular Cell Biology, 2016, 8, 93-100.	1.5	410
48	A Haplotype at the Adiponectin Locus Is Associated With Obesity and Other Features of the Insulin Resistance Syndrome. Diabetes, 2002, 51, 2306-2312.	0.3	407
49	MitoNEET-driven alterations in adipocyte mitochondrial activity reveal a crucial adaptive process that preserves insulin sensitivity in obesity. Nature Medicine, 2012, 18, 1539-1549.	15.2	375
50	Jnk1 but not jnk2 promotes the development of steatohepatitis in mice. Hepatology, 2006, 43, 163-172.	3.6	348
51	The Adipocyte as an Endocrine Cell. Endocrinology and Metabolism Clinics of North America, 2008, 37, 753-768.	1.2	343
52	Gluttony, sloth and the metabolic syndrome: a roadmap to lipotoxicity. Trends in Endocrinology and Metabolism, 2010, 21, 345-352.	3.1	340
53	Adipocyte-derived collagen VI affects early mammary tumor progression in vivo, demonstrating a critical interaction in the tumor/stroma microenvironment. Journal of Clinical Investigation, 2005, 115, 1163-1176.	3.9	338
54	Dichotomous effects of VEGF-A on adipose tissue dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5874-5879.	3.3	337

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55	Specific Inhibitors of p38 Mitogen-activated Protein Kinase Block 3T3-L1 Adipogenesis. Journal of Biological Chemistry, 1998, 273, 32111-32120.	1.6	325
56	Caveolin Isoforms Differ in Their N-terminal Protein Sequence and Subcellular Distribution. IDENTIFICATION AND EPITOPE MAPPING OF AN ISOFORM-SPECIFIC MONOCLONAL ANTIBODY PROBE. Journal of Biological Chemistry, 1995, 270, 16395-16401.	1.6	322
57	Direct Insulin and Leptin Action on Pro-opiomelanocortin Neurons Is Required for Normal Glucose Homeostasis and Fertility. Cell Metabolism, 2010, 11, 286-297.	7.2	321
58	Adipocyte-secreted factors synergistically promote mammary tumorigenesis through induction of anti-apoptotic transcriptional programs and proto-oncogene stabilization. Oncogene, 2003, 22, 6408-6423.	2.6	317
59	Spliced X-Box Binding Protein 1 Couples the Unfolded Protein Response to Hexosamine Biosynthetic Pathway. Cell, 2014, 156, 1179-1192.	13.5	317
60	Caveolin-1-deficient mice show insulin resistance and defective insulin receptor protein expression in adipose tissue. American Journal of Physiology - Cell Physiology, 2003, 285, C222-C235.	2.1	308
61	Constitutive and Growth Factor-Regulated Phosphorylation of Caveolin-1 Occurs at the Same Site (Tyr-14) in Vivo: Identification of a c-Src/Cav-1/Grb7 Signaling Cassette. Molecular Endocrinology, 2000, 14, 1750-1775.	3.7	307
62	The Lipopolysaccharide-activated Toll-like Receptor (TLR)-4 Induces Synthesis of the Closely Related Receptor TLR-2 in Adipocytes. Journal of Biological Chemistry, 2000, 275, 24255-24263.	1.6	300
63	Regulation of Resistin Expression and Circulating Levels in Obesity, Diabetes, and Fasting. Diabetes, 2004, 53, 1671-1679.	0.3	300
64	Fat apoptosis through targeted activation of caspase 8: a new mouse model of inducible and reversible lipoatrophy. Nature Medicine, 2005, 11, 797-803.	15.2	280
65	Role of Caveolin-1 in the Modulation of Lipolysis and Lipid Droplet Formation. Diabetes, 2004, 53, 1261-1270.	0.3	278
66	An Endothelial-to-Adipocyte Extracellular Vesicle Axis Governed by Metabolic State. Cell, 2018, 175, 695-708.e13.	13.5	277
67	Role of resistin in diet-induced hepatic insulin resistance. Journal of Clinical Investigation, 2004, 114, 232-239.	3.9	277
68	Mitochondrial dysfunction in white adipose tissue. Trends in Endocrinology and Metabolism, 2012, 23, 435-443.	3.1	276
69	Secretion of the Adipocyte-Specific Secretory Protein Adiponectin Critically Depends on Thiol-Mediated Protein Retention. Molecular and Cellular Biology, 2007, 27, 3716-3731.	1.1	275
70	Adipocyte-derived endotrophin promotes malignant tumor progression. Journal of Clinical Investigation, 2012, 122, 4243-4256.	3.9	272
71	Paracrine and Endocrine Effects of Adipose Tissue on Cancer Development and Progression. Endocrine Reviews, 2011, 32, 550-570.	8.9	271
72	Disulfide-Dependent Multimeric Assembly of Resistin Family Hormones. Science, 2004, 304, 1154-1158.	6.0	269

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73	Targeted Induction of Ceramide Degradation Leads to Improved Systemic Metabolism and Reduced Hepatic Steatosis. Cell Metabolism, 2015, 22, 266-278.	7.2	268
74	Endotrophin triggers adipose tissue fibrosis and metabolic dysfunction. Nature Communications, 2014, 5, 3485.	5.8	263
75	Caveolin-1 Gene Disruption Promotes Mammary Tumorigenesis and Dramatically Enhances Lung Metastasis in Vivo. Journal of Biological Chemistry, 2004, 279, 51630-51646.	1.6	259
76	Consuming Fructoseâ€sweetened Beverages Increases Body Adiposity in Mice. Obesity, 2005, 13, 1146-1156.	4.0	255
77	Myofibroblasts in Murine Cutaneous Fibrosis Originate From Adiponectinâ€Positive Intradermal Progenitors. Arthritis and Rheumatology, 2015, 67, 1062-1073.	2.9	254
78	Diabetes and apoptosis: lipotoxicity. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 1484-1495.	2.2	246
79	Mechanisms of Early Insulin-Sensitizing Effects of Thiazolidinediones in Type 2 Diabetes. Diabetes, 2004, 53, 1621-1629.	0.3	240
80	Hepatocyte Toll-like receptor 4 regulates obesity-induced inflammation and insulin resistance. Nature Communications, 2014, 5, 3878.	5.8	236
81	Hyperglycemia-induced Production of Acute Phase Reactants in Adipose Tissue. Journal of Biological Chemistry, 2001, 276, 42077-42083.	1.6	230
82	Hyperglycemia as a Risk Factor for Cancer Progression. Diabetes and Metabolism Journal, 2014, 38, 330.	1.8	229
83	A Proteomic Approach for Identification of Secreted Proteins during the Differentiation of 3T3-L1 Preadipocytes to Adipocytes. Molecular and Cellular Proteomics, 2002, 1, 213-222.	2.5	227
84	Adiponectin: Systemic contributor to insulin sensitivity. Current Diabetes Reports, 2003, 3, 207-213.	1.7	227
85	Adiponectin, Cardiovascular Function, and Hypertension. Hypertension, 2008, 51, 8-14.	1.3	219
86	Xbp1s in Pomc Neurons Connects ER Stress with Energy Balance and Glucose Homeostasis. Cell Metabolism, 2014, 20, 471-482.	7.2	213
87	Adiponectin, driver or passenger on the road to insulin sensitivity?. Molecular Metabolism, 2013, 2, 133-141.	3.0	211
88	Obese adipocytes show ultrastructural features of stressed cells and die of pyroptosis. Journal of Lipid Research, 2013, 54, 2423-2436.	2.0	211
89	Induction of Adipocyte Complement-Related Protein of 30 Kilodaltons by PPARÎ³ Agonists: A Potential Mechanism of Insulin Sensitization. , 0, .		209
90	Genetic Ablation of Caveolin-1 Confers Protection Against Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 98-105.	1.1	206

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91	Specific Hepatic Sphingolipids Relate to Insulin Resistance, Oxidative Stress, and Inflammation in Nonalcoholic Steatohepatitis. Diabetes Care, 2018, 41, 1235-1243.	4.3	203
92	The Role of Adipocytes and Adipocyteâ€Like Cells in the Severity of COVIDâ€19 Infections. Obesity, 2020, 28, 1187-1190.	1.5	201
93	Beyond adiponectin and leptin: adipose tissue-derived mediators of inter-organ communication. Journal of Lipid Research, 2019, 60, 1648-1697.	2.0	197
94	Cyclin D1 Repression of Peroxisome Proliferator-Activated Receptor Î³ Expression and Transactivation. Molecular and Cellular Biology, 2003, 23, 6159-6173.	1.1	195
95	Mechanisms of obesity and related pathologies: The macroâ€and microcirculation of adipose tissue. FEBS Journal, 2009, 276, 5738-5746.	2.2	194
96	Selective Inhibition of Hypoxia-Inducible Factor 1Î± Ameliorates Adipose Tissue Dysfunction. Molecular and Cellular Biology, 2013, 33, 904-917.	1.1	192
97	Adiponectin in health and disease: evaluation of adiponectin-targeted drug development strategies. Trends in Pharmacological Sciences, 2009, 30, 234-239.	4.0	191
98	Caveolin-2 Localizes to the Golgi Complex but Redistributes to Plasma Membrane, Caveolae, and Rafts when Co-expressed with Caveolin-1. Journal of Biological Chemistry, 1999, 274, 25708-25717.	1.6	188
99	Expression of Caveolin-1 Is Required for the Transport of Caveolin-2 to the Plasma Membrane. Journal of Biological Chemistry, 1999, 274, 25718-25725.	1.6	184
100	Why does obesity cause diabetes?. Cell Metabolism, 2022, 34, 11-20.	7.2	183
101	Role of caveolin and caveolae in insulin signaling and diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E1151-E1160.	1.8	181
102	Partial Leptin Reduction as an Insulin Sensitization and Weight Loss Strategy. Cell Metabolism, 2019, 30, 706-719.e6.	7.2	179
103	Adipocyte metabolism and obesity. Journal of Lipid Research, 2009, 50, S395-S399.	2.0	178
104	Plasma Adiponectin Complexes Have Distinct Biochemical Characteristics. Endocrinology, 2008, 149, 2270-2282.	1.4	177
105	Metabolic Messengers: adiponectin. Nature Metabolism, 2019, 1, 334-339.	5.1	177
106	Selective Downregulation of the Highâ€“Molecular Weight Form of Adiponectin in Hyperinsulinemia and in Type 2 Diabetes. Diabetes, 2007, 56, 2174-2177.	0.3	175
107	An Adipose Tissue Atlas: An Image-Guided Identification of Human-like BAT and Beige Depots in Rodents. Cell Metabolism, 2018, 27, 252-262.e3.	7.2	174
108	Systemic Fate of the Adipocyte-Derived Factor Adiponectin. Diabetes, 2009, 58, 1961-1970.	0.3	172

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109	Molecular Genetics of the Caveolin Gene Family: Implications for Human Cancers, Diabetes, Alzheimer Disease, and Muscular Dystrophy. American Journal of Human Genetics, 1998, 63, 1578-1587.	2.6	171
110	The Adipocyte as an Important Target Cell for Trypanosoma cruzi Infection. Journal of Biological Chemistry, 2005, 280, 24085-24094.	1.6	171
111	C/EBPÎ± and the Corepressors CtBP1 and CtBP2 Regulate Repression of Select Visceral White Adipose Genes during Induction of the Brown Phenotype in White Adipocytes by Peroxisome Proliferator-Activated Receptor Î³ Agonists. Molecular and Cellular Biology, 2009, 29, 4714-4728.	1.1	170
112	Extracellular vesicle-based interorgan transport of mitochondria from energetically stressed adipocytes. Cell Metabolism, 2021, 33, 1853-1868.e11.	7.2	165
113	Crowded Little Caves. Cellular Signalling, 1998, 10, 457-463.	1.7	164
114	Obesity, Diabetes, and Cardiovascular Diseases. Circulation Research, 2016, 118, 1703-1705.	2.0	164
115	Adiponectin, Leptin and Cardiovascular Disorders. Circulation Research, 2021, 128, 136-149.	2.0	158
116	Chronic Intermittent Hypoxia Induces Atherosclerosis via Activation of Adipose Angiopoietin-like 4. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 240-248.	2.5	155
117	ACDC/Adiponectin Polymorphisms Are Associated With Severe Childhood and Adult Obesity. Diabetes, 2006, 55, 545-550.	0.3	154
118	Progressive Loss of Â-Cell Function Leads to Worsening Glucose Tolerance in First-Degree Relatives of Subjects With Type 2 Diabetes. Diabetes Care, 2007, 30, 677-682.	4.3	152
119	Adipogenesis and metabolic health. Nature Reviews Molecular Cell Biology, 2019, 20, 242-258.	16.1	152
120	Cell Type-Specific Expression and Coregulation of Murine Resistin and Resistin-Like Molecule-Î± in Adipose Tissue. Molecular Endocrinology, 2002, 16, 1920-1930.	3.7	151
121	Role of resistin in diet-induced hepatic insulin resistance. Journal of Clinical Investigation, 2004, 114, 232-239.	3.9	151
122	microRNA-17 family promotes polycystic kidney disease progression through modulation of mitochondrial metabolism. Nature Communications, 2017, 8, 14395.	5.8	147
123	Adiponectin suppresses gluconeogenic gene expression in mouse hepatocytes independent of LKB1-AMPK signaling. Journal of Clinical Investigation, 2011, 121, 2518-2528.	3.9	147
124	Adiponectin is critical in determining susceptibility to depressive behaviors and has antidepressant-like activity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12248-12253.	3.3	145
125	Altered Mitochondrial Function and Metabolic Inflexibility Associated with Loss of Caveolin-1. Cell Metabolism, 2012, 15, 171-185.	7.2	145
126	Adiponectin Promotes Functional Recovery after Podocyte Ablation. Journal of the American Society of Nephrology: JASN, 2013, 24, 268-282.	3.0	142

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127	Adipocyte differentiation induces dynamic changes in NF-Î²B expression and activity. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E1178-E1188.	1.8	141
128	Loss of Resistin Improves Glucose Homeostasis in Leptin Deficiency. Diabetes, 2006, 55, 3083-3090.	0.3	141
129	Inducible overexpression of adiponectin receptors highlight the roles of adiponectin-induced ceramidase signaling in lipid and glucose homeostasis. Molecular Metabolism, 2017, 6, 267-275.	3.0	141
130	Keynote review: The adipocyte as a drug discovery target. Drug Discovery Today, 2005, 10, 1219-1230.	3.2	138
131	The Transcriptional Response of the Islet to Pregnancy in Mice. Molecular Endocrinology, 2009, 23, 1702-1712.	3.7	138
132	Enhanced Metabolic Flexibility Associated with Elevated Adiponectin Levels. American Journal of Pathology, 2010, 176, 1364-1376.	1.9	136
133	Caveolae, transmembrane signalling and cellular transformation. Molecular Membrane Biology, 1995, 12, 121-124.	2.0	135
134	Adipokines Linking Obesity with Colorectal Cancer Risk in Postmenopausal Women. Cancer Research, 2012, 72, 3029-3037.	0.4	135
135	Low- and high-thermogenic brown adipocyte subpopulations coexist in murine adipose tissue. Journal of Clinical Investigation, 2019, 130, 247-257.	3.9	134
136	Proangiogenic Contribution of Adiponectin toward Mammary Tumor Growth In vivo. Clinical Cancer Research, 2009, 15, 3265-3276.	3.2	133
137	Mechanisms of Trypanosoma cruzi persistence in Chagas disease. Cellular Microbiology, 2012, 14, 634-643.	1.1	133
138	A Role for the Caveolin Scaffolding Domain in Mediating the Membrane Attachment of Caveolin-1. Journal of Biological Chemistry, 1999, 274, 22660-22667.	1.6	132
139	Identification and Characterization of a Promoter Cassette Conferring Adipocyte-Specific Gene Expression. Endocrinology, 2010, 151, 2933-2939.	1.4	132
140	Beclin 2 Functions in Autophagy, Degradation of G Protein-Coupled Receptors, and Metabolism. Cell, 2013, 154, 1085-1099.	13.5	130
141	Cloning of cell-specific secreted and surface proteins by subtractive antibody screening. Nature Biotechnology, 1998, 16, 581-586.	9.4	127
142	Adipocyte, Adipose Tissue, and Infectious Disease. Infection and Immunity, 2007, 75, 1066-1078.	1.0	127
143	Brown adipose tissue derived VEGF-A modulates cold tolerance and energy expenditure. Molecular Metabolism, 2014, 3, 474-483.	3.0	126
144	Targeted Down-regulation of Caveolin-3 Is Sufficient to Inhibit Myotube Formation in Differentiating C2C12 Myoblasts. Journal of Biological Chemistry, 1999, 274, 30315-30321.	1.6	123

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145	Brain Adipocytokine Action and Metabolic Regulation. Diabetes, 2006, 55, S145-S154.	0.3	122
146	Caveolin-1 and mitochondrial SOD2 (MnSOD) function as tumor suppressors in the stromal microenvironment. Cancer Biology and Therapy, 2011, 11, 383-394.	1.5	122
147	Evidence for Enhanced Adipogenesis in the Orbits of Patients with Gravesâ€™ Ophthalmopathy. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 930-935.	1.8	121
148	Adiponectin Levels and Genotype: A Potential Regulator of Life Span in Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 447-453.	1.7	121
149	Immunologic and endocrine functions of adipose tissue: implications for kidney disease. Nature Reviews Nephrology, 2018, 14, 105-120.	4.1	121
150	The delicate balance between fat and muscle: adipokines in metabolic disease and musculoskeletal inflammation. Current Opinion in Pharmacology, 2004, 4, 281-289.	1.7	120
151	Tumor Necrosis Factor Î±-Mediated Insulin Resistance, but Not Dedifferentiation, Is Abrogated by MEK1/2 Inhibitors in 3T3-L1 Adipocytes. Molecular Endocrinology, 2000, 14, 1557-1569.	3.7	119
152	[47] Caveolae purification and glycosylphosphatidylinositol-linked protein sorting in polarized epithelia. Methods in Enzymology, 1995, 250, 655-668.	0.4	117
153	Differential glucose requirement in skin homeostasis and injury identifies a therapeutic target for psoriasis. Nature Medicine, 2018, 24, 617-627.	15.2	117
154	Reversible De-differentiation of Mature White Adipocytes into Preadipocyte-like Precursors during Lactation. Cell Metabolism, 2018, 28, 282-288.e3.	7.2	116
155	A Dominant-negative p38 MAPK Mutant and Novel Selective Inhibitors of p38 MAPK Reduce Insulin-stimulated Glucose Uptake in 3T3-L1 Adipocytes without Affecting GLUT4 Translocation. Journal of Biological Chemistry, 2002, 277, 50386-50395.	1.6	115
156	The Xbp1s/GalE axis links ER stress to postprandial hepatic metabolism. Journal of Clinical Investigation, 2013, 123, 455-468.	3.9	115
157	Targeted Deletion of Adipocytes by Apoptosis Leads to Adipose Tissue Recruitment of Alternatively Activated M2 Macrophages. Endocrinology, 2011, 152, 3074-3081.	1.4	114
158	Melanocortin 4 receptors in autonomic neurons regulate thermogenesis and glycemia. Nature Neuroscience, 2014, 17, 911-913.	7.1	114
159	The many secret lives of adipocytes: implications for diabetes. Diabetologia, 2019, 62, 223-232.	2.9	114
160	Mutational analysis of caveolin-induced vesicle formation. FEBS Letters, 1998, 434, 127-134.	1.3	113
161	Mitochondrial Functional State in Clonal Pancreatic Î²-Cells Exposed to Free Fatty Acids. Journal of Biological Chemistry, 2003, 278, 19709-19715.	1.6	112
162	Dermal adipose tissue has high plasticity and undergoes reversible dedifferentiation in mice. Journal of Clinical Investigation, 2019, 129, 5327-5342.	3.9	112

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163	Distinct regulatory mechanisms governing embryonic versus adult adipocyte maturation. Nature Cell Biology, 2015, 17, 1099-1111.	4.6	111
164	Molecular and Cellular Biology of Caveolae. Trends in Cardiovascular Medicine, 1997, 7, 103-110.	2.3	108
165	Grb10 Promotes Lipolysis and Thermogenesis by Phosphorylation-Dependent Feedback Inhibition of mTORC1. Cell Metabolism, 2014, 19, 967-980.	7.2	106
166	Constitutively Active Mitogen-activated Protein Kinase Kinase 6 (MKK6) or Salicylate Induces Spontaneous 3T3-L1 Adipogenesis. Journal of Biological Chemistry, 1999, 274, 35630-35638.	1.6	104
167	Adiponectin and Leptin Levels in HIV-Infected Subjects With Insulin Resistance and Body Fat Redistribution. Journal of Acquired Immune Deficiency Syndromes (1999), 2002, 31, 514-520.	0.9	104
168	The Multifaceted Roles of Adipose Tissueâ€"Therapeutic Targets for Diabetes and Beyond: The 2015 Banting Lecture. Diabetes, 2016, 65, 1452-1461.	0.3	104
169	The Membrane-spanning Domains of Caveolins-1 and -2 Mediate the Formation of Caveolin Hetero-oligomers. Journal of Biological Chemistry, 1999, 274, 18721-18728.	1.6	103
170	Lipid metabolism and adipokine levels in fatty acid-binding protein null and transgenic mice. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E814-E823.	1.8	103
171	Thromboxane A2 is a key regulator of pathogenesis during Trypanosoma cruzi infection. Journal of Experimental Medicine, 2007, 204, 929-940.	4.2	103
172	Impact of tamoxifen on adipocyte lineage tracing: Inducer of adipogenesis and prolonged nuclear translocation of Cre recombinase. Molecular Metabolism, 2015, 4, 771-778.	3.0	103
173	Weight loss and incretin responsiveness improve glucose control independently after gastric bypass surgery. Journal of Diabetes, 2010, 2, 47-55.	0.8	101
174	Fasting selectively blocks development of acute lymphoblastic leukemia via leptin-receptor upregulation. Nature Medicine, 2017, 23, 79-90.	15.2	101
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