Ormond A Macdougald

List of Publications by Citations

159 papers	21,481 citations	67 h-index	146 g-index
170 ext. papers	24,067 ext. citations	7.9 avg, IF	6.76 L-index

#	Paper	IF	Citations
159	Adipocyte differentiation from the inside out. *Nature Reviews Molecular Cell Biology*, **2006**, 7, 885-96	48.7	1869
158	Inhibition of adipogenesis by Wnt signaling. *Science*, **2000**, 289, 950-3	33.3	1523
157	Regulation of bone mass by Wnt signaling. *Journal of Clinical Investigation*, **2006**, 116, 1202-9	15.9	1045
156	TSC2 integrates Wnt and energy signals via a coordinated phosphorylation by AMPK and GSK3 to regulate cell growth. *Cell*, **2006**, 126, 955-68	56.2	1028
155	p53-mediated activation of miRNA34 candidate tumor-suppressor genes. *Current Biology*, **2007**, 17, 1298-307	6.3	951
154	Transcriptional regulation of gene expression during adipocyte differentiation. *Annual Review of Biochemistry*, **1995**, 64, 345-73	29.1	908
153	Regulation of osteoblastogenesis and bone mass by Wnt10b. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 3324-9	11.5	693
152	The role of C/EBP genes in adipocyte differentiation. *Journal of Biological Chemistry*, **1998**, 273, 30057-60	5.4	573
151	Regulation of adipocyte development. *Annual Review of Nutrition*, **1994**, 14, 99-129	9.9	567
150	Regulation of Wnt signaling during adipogenesis. *Journal of Biological Chemistry*, **2002**, 277, 30998-1004	5.4	563
149	Activation of canonical Wnt signalling is required for TGF-□mediated fibrosis. *Nature Communications*, **2012**, 3, 735	17.4	501
148	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
147	Regulated expression of the obese gene product (leptin) in white adipose tissue and 3T3-L1 adipocytes. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 9034-7	11.5	434
146	Wnt signaling stimulates osteoblastogenesis of mesenchymal precursors by suppressing CCAAT/enhancer-binding protein alpha and peroxisome proliferator-activated receptor gamma. *Journal of Biological Chemistry*, **2007**, 282, 14515-24	5.4	314
145	Bone marrow adipose tissue is an endocrine organ that contributes to increased circulating adiponectin during caloric restriction. *Cell Metabolism*, **2014**, 20, 368-375	24.6	299
144	Wnt6, Wnt10a and Wnt10b inhibit adipogenesis and stimulate osteoblastogenesis through a □catenin-dependent mechanism. *Bone*, **2012**, 50, 477-89	4.7	290
143	Adipogenesis: forces that tip the scales. *Trends in Endocrinology and Metabolism*, **2002**, 13, 5-11	8.8	278

142	Adipose tissue stem cells meet preadipocyte commitment: going back to the future. *Journal of Lipid Research*, **2012**, 53, 227-46	6.3	276
141	Expression of miR-33 from an SREBP2 intron inhibits cholesterol export and fatty acid oxidation. *Journal of Biological Chemistry*, **2010**, 285, 33652-61	5.4	273
140	Wnt10b inhibits development of white and brown adipose tissues. *Journal of Biological Chemistry*, **2004**, 279, 35503-9	5.4	262
139	Wnt/beta-catenin signaling in adipogenesis and metabolism. *Current Opinion in Cell Biology*, **2007**, 19, 612-7	9	259
138	Marrow fat and bone--new perspectives. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 935-45	5.8	254
137	Using molecular classification to predict gains in maximal aerobic capacity following endurance exercise training in humans. *Journal of Applied Physiology*, **2010**, 108, 1487-96	3.7	252
136	Region-specific variation in the properties of skeletal adipocytes reveals regulated and constitutive marrow adipose tissues. *Nature Communications*, **2015**, 6, 7808	17.4	237
135	Quantifying size and number of adipocytes in adipose tissue. *Methods in Enzymology*, **2014**, 537, 93-122	1.7	218
134	Wnt10b increases postnatal bone formation by enhancing osteoblast differentiation. *Journal of Bone and Mineral Research*, **2007**, 22, 1924-32	6.3	210
133	Microarray analyses during adipogenesis: understanding the effects of Wnt signaling on adipogenesis and the roles of liver X receptor alpha in adipocyte metabolism. *Molecular and Cellular Biology*, **2002**, 22, 5989-99	4.8	209
132	Wnt signaling inhibits adipogenesis through beta-catenin-dependent and -independent mechanisms. *Journal of Biological Chemistry*, **2005**, 280, 24004-10	5.4	199
131	Roles for miRNA-378/378* in adipocyte gene expression and lipogenesis. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E198-206	6	190
130	Wnt signaling promotes oncogenic transformation by inhibiting c-Myc-induced apoptosis. *Journal of Cell Biology*, **2002**, 157, 429-40	7.3	178
129	Wnt signaling protects 3T3-L1 preadipocytes from apoptosis through induction of insulin-like growth factors. *Journal of Biological Chemistry*, **2002**, 277, 38239-44	5.4	171
128	Transcriptional activation of the mouse obese (ob) gene by CCAAT/enhancer binding protein alpha. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 873-7	11.5	168
127	Glycogen synthase kinase 3 is an insulin-regulated C/EBPalpha kinase. *Molecular and Cellular Biology*, **1999**, 19, 8433-41	4.8	162
126	The microRNA miR-8 is a conserved negative regulator of Wnt signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 15417-22	11.5	161
125	Canonical Wnt signaling induces skin fibrosis and subcutaneous lipoatrophy: a novel mouse model for scleroderma?. *Arthritis and Rheumatism*, **2011**, 63, 1707-17		156

124	Critical role for hypothalamic mTOR activity in energy balance. *Cell Metabolism*, **2009**, 9, 362-74	24.6	150
123	Fat-specific protein 27 regulates storage of triacylglycerol. *Journal of Biological Chemistry*, **2008**, 283, 14355-65	5.4	145
122	Multiple roles for the non-coding RNA SRA in regulation of adipogenesis and insulin sensitivity. *PLoS ONE*, **2010**, 5, e14199	3.7	143
121	Signaling pathways through which insulin regulates CCAAT/enhancer binding protein alpha (C/EBPalpha) phosphorylation and gene expression in 3T3-L1 adipocytes. Correlation with GLUT4 gene expression. *Journal of Biological Chemistry*, **1997**, 272, 25913-9	5.4	135
120	Role of Wnts in prostate cancer bone metastases. *Journal of Cellular Biochemistry*, **2006**, 97, 661-72	4.7	134
119	Obese gene expression at in vivo levels by fat pads derived from s.c. implanted 3T3-F442A preadipocytes. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 4300-5	11.5	132
118	Wnt10b inhibits obesity in ob/ob and agouti mice. *Diabetes*, **2007**, 56, 295-303	0.9	132
117	Insulin regulates transcription of the CCAAT/enhancer binding protein (C/EBP) alpha, beta, and delta genes in fully-differentiated 3T3-L1 adipocytes. *Journal of Biological Chemistry*, **1995**, 270, 647-54	5.4	132
116	Marrow Adipose Tissue: Trimming the Fat. *Trends in Endocrinology and Metabolism*, **2016**, 27, 392-403	8.8	131
115	Phosphorylation of C/EBPalpha inhibits granulopoiesis. *Molecular and Cellular Biology*, **2004**, 24, 675-86	4.8	130
114	LXRbeta is required for adipocyte growth, glucose homeostasis, and beta cell function. *Journal of Biological Chemistry*, **2005**, 280, 23024-31	5.4	128
113	Secreted frizzled-related protein 5 suppresses adipocyte mitochondrial metabolism through WNT inhibition. *Journal of Clinical Investigation*, **2012**, 122, 2405-16	15.9	122
112	Transcriptional control of the stearoyl-CoA desaturase-1 gene by polyunsaturated fatty acids. *Biochemical and Biophysical Research Communications*, **1994**, 200, 763-8	3.4	118
111	Wnt10b deficiency promotes coexpression of myogenic and adipogenic programs in myoblasts. *Molecular Biology of the Cell*, **2005**, 16, 2039-48	3.5	115
110	Use of osmium tetroxide staining with microcomputerized tomography to visualize and quantify bone marrow adipose tissue in vivo. *Methods in Enzymology*, **2014**, 537, 123-39	1.7	105
109	The rapidly expanding family of adipokines. *Cell Metabolism*, **2007**, 6, 159-61	24.6	104
108	A High Fat Diet Increases Bone Marrow Adipose Tissue (MAT) But Does Not Alter Trabecular or Cortical Bone Mass in C57BL/6J Mice. *Journal of Cellular Physiology*, **2015**, 230, 2032-7	7	101
107	Maternal nutrition and risk of obesity in offspring: the Trojan horse of developmental plasticity. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 495-506	6.9	101

106	Metallothionein expression is suppressed in primary human hepatocellular carcinomas and is mediated through inactivation of CCAAT/enhancer binding protein alpha by phosphatidylinositol 3-kinase signaling cascade. *Cancer Research*, **2007**, 67, 2736-46	10.1	100
105	Effects of Wnt signaling on brown adipocyte differentiation and metabolism mediated by PGC-1alpha. *Molecular and Cellular Biology*, **2005**, 25, 1272-82	4.8	97
104	p300 coactivates the adipogenic transcription factor CCAAT/enhancer-binding protein alpha. *Journal of Biological Chemistry*, **2001**, 276, 16348-55	5.4	91
103	Expansion of Bone Marrow Adipose Tissue During Caloric Restriction Is Associated With Increased Circulating Glucocorticoids and Not With Hypoleptinemia. *Endocrinology*, **2016**, 157, 508-21	4.8	84
102	Reciprocal Control of Osteogenic and Adipogenic Differentiation by ERK/MAP Kinase Phosphorylation of Runx2 and PPAR Transcription Factors. *Journal of Cellular Physiology*, **2016**, 231, 587-96	7	83
101	Loss of Bone and Wnt10b Expression in Male Type 1 Diabetic Mice Is Blocked by the Probiotic Lactobacillus reuteri. *Endocrinology*, **2015**, 156, 3169-82	4.8	81
100	Dual regulation of phosphorylation and dephosphorylation of C/EBPbeta modulate its transcriptional activation and DNA binding in response to growth hormone. *Journal of Biological Chemistry*, **2002**, 277, 44557-65	5.4	81
99	Growth hormone regulates phosphorylation and function of CCAAT/enhancer-binding protein beta by modulating Akt and glycogen synthase kinase-3. *Journal of Biological Chemistry*, **2001**, 276, 19664-71	5.4	81
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97	SRA gene knockout protects against diet-induced obesity and improves glucose tolerance. *Journal of Biological Chemistry*, **2014**, 289, 13000-9	5.4	76
96	Adipose tissue stem cells: the great WAT hope. *Trends in Endocrinology and Metabolism*, **2012**, 23, 270-7	8.8	75
95	Dermal white adipose tissue: a new component of the thermogenic response. *Journal of Lipid Research*, **2015**, 56, 2061-9	6.3	71
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93	Syndecan-1 is required to maintain intradermal fat and prevent cold stress. *PLoS Genetics*, **2014**, 10, e1004514	8	68
92	Continuous-flow enzyme assay on a microfluidic chip for monitoring glycerol secretion from cultured adipocytes. *Analytical Chemistry*, **2009**, 81, 2350-6	7.8	65
91	Regulation of lipid homeostasis by the bifunctional SREBF2-miR33a locus. *Cell Metabolism*, **2011**, 13, 241-7	24.6	58
90	T-cell factor 4N (TCF-4N), a novel isoform of mouse TCF-4, synergizes with beta-catenin to coactivate C/EBPalpha and steroidogenic factor 1 transcription factors. *Molecular and Cellular Biology*, **2003**, 23, 5366-75	4.8	58
89	Identification of members of the Wnt signaling pathway in the embryonic pituitary gland. *Mammalian Genome*, **2001**, 12, 843-51	3.2	58

88	Inhibitor of DNA binding 2 is a small molecule-inducible modulator of peroxisome proliferator-activated receptor-gamma expression and adipocyte differentiation. *Molecular Endocrinology*, **2008**, 22, 2038-48		57
87	Development, regulation, metabolism and function of bone marrow adipose tissues. *Bone*, **2018**, 110, 134-140	4.7	54
86	Bone marrow adipocytes resist lipolysis and remodeling in response to β-adrenergic stimulation. *Bone*, **2019**, 118, 32-41	4.7	52
85	FGF-21 and skeletal remodeling during and after lactation in C57BL/6J mice. *Endocrinology*, **2014**, 155, 3516-26	4.8	49
84	The many facets of PPARgamma: novel insights for the skeleton. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E3-9	6	49
83	On the role of FOX transcription factors in adipocyte differentiation and insulin-stimulated glucose uptake. *Journal of Biological Chemistry*, **2009**, 284, 10755-63	5.4	48
82	Adipocyte differentiation. When precursors are also regulators. *Current Biology*, **1995**, 5, 618-21	6.3	48
81	The transcription factor paired-related homeobox 1 (Prrx1) inhibits adipogenesis by activating transforming growth factor-β (TGFβ) signaling. *Journal of Biological Chemistry*, **2013**, 288, 3036-47	5.4	45
80	CCAAT/enhancer-binding protein alpha mediates induction of hepatic phosphoenolpyruvate carboxykinase by p38 mitogen-activated protein kinase. *Journal of Biological Chemistry*, **2006**, 281, 24390-7	5.4	45
79	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in glucose homeostasis. *Nature Communications*, **2020**, 11, 3097	17.4	43
78	CCAAT/enhancer binding protein alpha assembles essential cooperating factors in common subnuclear domains. *Molecular Endocrinology*, **2001**, 15, 1665-76		43
77	Induction of WNT11 by hypoxia and hypoxia-inducible factor-1α regulates cell proliferation, migration and invasion. *Scientific Reports*, **2016**, 6, 21520	4.9	43
76	Induction of the peroxisomal glycerolipid-synthesizing enzymes during differentiation of 3T3-L1 adipocytes. Role in triacylglycerol synthesis. *Journal of Biological Chemistry*, **2000**, 275, 9441-6	5.4	42
75	Inside out: Bone marrow adipose tissue as a source of circulating adiponectin. *Adipocyte*, **2016**, 5, 251-69	3.2	41
74	Resistance to diet-induced obesity and improved insulin sensitivity in mice with a regulator of G protein signaling-insensitive G184S Gnai2 allele. *Diabetes*, **2008**, 57, 77-85	0.9	41
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72	Sweet taste receptor deficient mice have decreased adiposity and increased bone mass. *PLoS ONE*, **2014**, 9, e86454	3.7	39
71	Inhibiting DNA methylation switches adipogenesis to osteoblastogenesis by activating Wnt10a. *Scientific Reports*, **2016**, 6, 25283	4.9	36

70	Non-canonical Wnt signaling enhances differentiation of Sca1+/c-kit+ adipose-derived murine stromal vascular cells into spontaneously beating cardiac myocytes. *Journal of Molecular and Cellular Cardiology*, **2007**, 43, 362-70	5.8	36
69	Lipodystrophy and severe metabolic dysfunction in mice with adipose tissue-specific insulin receptor ablation. *Molecular Metabolism*, **2016**, 5, 480-490	8.8	36
68	Omentum and bone marrow: how adipocyte-rich organs create tumour microenvironments conducive for metastatic progression. *Obesity Reviews*, **2016**, 17, 1015-1029	10.6	35
67	Disruption of cell-matrix interactions by heparin enhances mesenchymal progenitor adipocyte differentiation. *Experimental Cell Research*, **2008**, 314, 3382-91	4.2	33
66	Role of Wnt10b and C/EBPalpha in spontaneous adipogenesis of 243 cells. *Biochemical and Biophysical Research Communications*, **2003**, 302, 12-6	3.4	33
65	SRA regulates adipogenesis by modulating p38/JNK phosphorylation and stimulating insulin receptor gene expression and downstream signaling. *PLoS ONE*, **2014**, 9, e95416	3.7	31
64	NF-Y and CCAAT/enhancer-binding protein alpha synergistically activate the mouse amelogenin gene. *Journal of Biological Chemistry*, **2006**, 281, 16090-8	5.4	31
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62	CCAAT/enhancer-binding protein beta (C/EBPbeta) and C/EBPdelta contribute to growth hormone-regulated transcription of c-fos. *Journal of Biological Chemistry*, **1999**, 274, 31597-604	5.4	30
61	Obesity and metabolic perturbations after loss of aquaporin 7, the adipose glycerol transporter. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 10759-60	11.5	27
60	CCAAT/Enhancer Binding Protein Assembles Essential Cooperating Factors in Common Subnuclear Domains. *Molecular Endocrinology*, **2001**, 15, 1665-1676		27
59	Increased Circulating Adiponectin in Response to Thiazolidinediones: Investigating the Role of Bone Marrow Adipose Tissue. *Frontiers in Endocrinology*, **2016**, 7, 128	5.7	26
58	The influence of Leucine-rich amelogenin peptide on MSC fate by inducing Wnt10b expression. *Biomaterials*, **2011**, 32, 6478-86	15.6	25
57	Reversibly sealed multilayer microfluidic device for integrated cell perfusion and on-line chemical analysis of cultured adipocyte secretions. *Analytical and Bioanalytical Chemistry*, **2010**, 397, 2939-47	4.4	24
56	Molecular Differences Between Subtypes of Bone Marrow Adipocytes. *Current Molecular Biology Reports*, **2018**, 4, 16-23	2	21
55	Identification and Dissection of Diverse Mouse Adipose Depots. *Journal of Visualized Experiments*, **2019**,	1.6	21
54	Multiplexed microfluidic enzyme assays for simultaneous detection of lipolysis products from adipocytes. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 4851-9	4.4	21
53	Hyperphagia and obesity in female mice lacking tissue inhibitor of metalloproteinase-1. *Endocrinology*, **2009**, 150, 1697-704	4.8	21

52	Physical dissection of the CCAAT/enhancer-binding protein alpha in regulating the mouse amelogenin gene. *Biochemical and Biophysical Research Communications*, **2007**, 354, 56-61	3.4	19
51	Iron elevation and adipose tissue remodeling in the epididymal depot of a mouse model of polygenic obesity. *PLoS ONE*, **2017**, 12, e0179889	3.7	19
50	G-CSF partially mediates effects of sleeve gastrectomy on the bone marrow niche. *Journal of Clinical Investigation*, **2019**, 129, 2404-2416	15.9	18
49	Genetic inhibition of PPARS112 phosphorylation reduces bone formation and stimulates marrow adipogenesis. *Bone*, **2018**, 107, 1-9	4.7	17
48	Phosphorylation of CCAAT/enhancer-binding protein alpha regulates GLUT4 expression and glucose transport in adipocytes. *Journal of Biological Chemistry*, **2008**, 283, 18002-11	5.4	16
47	Administration of saccharin to neonatal mice influences body composition of adult males and reduces body weight of females. *Endocrinology*, **2014**, 155, 1313-26	4.8	15
46	The E3 ubiquitin ligase parkin is dispensable for metabolic homeostasis in murine pancreatic cells and adipocytes. *Journal of Biological Chemistry*, **2019**, 294, 7296-7307	5.4	14
45	SnapShot: Niche Determines Adipocyte Character I. *Cell Metabolism*, **2018**, 27, 264-264.e1	24.6	14
44	Will fatty worms help cure human obesity?. *Trends in Genetics*, **2003**, 19, 523-5	8.5	14
43	Localization of an adipocyte-specific retinoic acid response domain controlling S14 gene transcription. *Biochemical and Biophysical Research Communications*, **1992**, 188, 470-6	3.4	14
42	Wnt/catenin signaling regulates adipose tissue lipogenesis and adipocyte-specific loss is rigorously defended by neighboring stromal-vascular cells. *Molecular Metabolism*, **2020**, 42, 101078	8.8	14
41	Lactational High-Fat Diet Exposure Programs Metabolic Inflammation and Bone Marrow Adiposity in Male Offspring. *Nutrients*, **2019**, 11,	6.7	13
40	Visualization by BiFC of different C/EBP dimers and their interaction with HP1 reveals a differential subnuclear distribution of complexes in living cells. *Experimental Cell Research*, **2011**, 317, 706-23	4.2	13
39	Maternal low-protein diet on the last week of pregnancy contributes to insulin resistance and cell dysfunction in the mouse offspring. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 319, R485-R496	3.2	13
38	Bone marrow adipose tissue does not express UCP1 during development or adrenergic-induced remodeling. *Scientific Reports*, **2019**, 9, 17427	4.9	13
37	Molecular differences between subtypes of bone marrow adipocytes. *Current Molecular Biology Reports*, **2018**, 4, 16-23	2	12
36	Red and White Blood Cell Counts Are Associated With Bone Marrow Adipose Tissue, Bone Mineral Density, and Bone Microarchitecture in Premenopausal Women. *Journal of Bone and Mineral Research*, **2020**, 35, 1031-1039	6.3	11
35	Cyclical Dedifferentiation and Redifferentiation of Mammary Adipocytes. *Cell Metabolism*, **2018**, 28, 187-189	24.6	10

34	Transcription factor sumoylation and factor YY1 serve to modulate mouse amelogenin gene expression. *European Journal of Oral Sciences*, **2006**, 114 Suppl 1, 169-77; discussion 201-2, 381	2.3	10
33	Mice as experimental models for human physiology: when several degrees in housing temperature matter. *Nature Metabolism*, **2021**, 3, 443-445	14.6	10
32	Regulation of CCAAT/enhancer binding protein alpha (C/EBP alpha) gene expression by thiazolidinediones in 3T3-L1 adipocytes. *Biochemical and Biophysical Research Communications*, **1998**, 244, 20-5	3.4	9
31	Transfection of adipocytes by gene gun-mediated transfer. *BioTechniques*, **1999**, 26, 660-2, 668	2.5	9
30	Tissue specificity of S14 and fatty acid synthase in vitro transcription. *Biochemical and Biophysical Research Communications*, **1992**, 182, 631-7	3.4	9
29	Inflammatory responses to dietary and surgical weight loss in male and female mice. *Biology of Sex Differences*, **2019**, 10, 16	9.3	8
28	Wntless regulates lipogenic gene expression in adipocytes and protects against diet-induced metabolic dysfunction. *Molecular Metabolism*, **2020**, 39, 100992	8.8	8
27	Regulation of rat alcohol dehydrogenase by cyclic AMP in primary hepatocyte culture. *Archives of Biochemistry and Biophysics*, **1995**, 321, 329-35	4.1	8
26	SnapShot: Niche Determines Adipocyte Character II. *Cell Metabolism*, **2018**, 27, 266-266.e1	24.6	7
25	Evaporative cooling provides a major metabolic energy sink. *Molecular Metabolism*, **2019**, 27, 47-61	8.8	7
24	Regulation of adipocyte differentiation and metabolism by lansoprazole. *Life Sciences*, **2019**, 239, 116897	6.8	6
23	Adipocyte-Specific Deletion of Lamin A/C Largely Models Human Familial Partial Lipodystrophy Type 2. *Diabetes*, **2021**, 70, 1970-1984	0.9	6
22	The dynamics of human bone marrow adipose tissue in response to feeding and fasting. *JCI Insight*, **2021**, 6,	9.9	5
21	Amino Acids Enhance Polyubiquitination of Rheb and Its Binding to mTORC1 by Blocking Lysosomal ATXN3 Deubiquitinase Activity. *Molecular Cell*, **2020**, 80, 437-451.e6	17.6	4
20	The transcription factor NKX1-2 promotes adipogenesis and may contribute to a balance between adipocyte and osteoblast differentiation. *Journal of Biological Chemistry*, **2019**, 294, 18408-18420	5.4	4
19	Methods in Enzymology. Methods of adipose tissue biology, part B. Preface. *Methods in Enzymology* , **2014**, 538, xv	1.7	4
18	Contrasting recruitment of skin-associated adipose depots during cold challenge of mouse and human. *Journal of Physiology*, **2021**,	3.9	3
17	The molecular and metabolic program by which white adipocytes adapt to cool physiologic temperatures. *PLoS Biology*, **2021**, 19, e3000988	9.7	3

16	Wnt Signaling: From Mesenchymal Cell Fate to Lipogenesis and Other Mature Adipocyte Functions. *Diabetes*, **2021**, 70, 1419-1430	0.9	3
15	Intestinal-derived FGF15 protects against deleterious effects of vertical sleeve gastrectomy in mice. *Nature Communications*, **2021**, 12, 4768	17.4	3
14	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in systemic glucose homeostasis		2
13	Preclinical models for investigating how bone marrow adipocytes influence bone and hematopoietic cellularity. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2021**, 35, 101547	6.5	2
12	The silent wif of death. *IBMS BoneKEy*, **2009**, 6, 339-341		1
11	Signaling pathway puts the break on fat cell formation. *Scientific World Journal, The*, **2001**, 1, 188-9	2.2	1
10	Viral and Nonviral Transfer of Genetic Materials to Adipose Tissues: Toward a Gold Standard Approach. *Diabetes*, **2020**, 69, 2581-2588	0.9	1
9	The molecular and metabolic program for adaptation of white adipocytes to cool physiologic temperatures		1
8	Deletion of the Brain-Specific and Isoforms of Adapter Protein SH2B1 Protects Mice From Obesity. *Diabetes*, **2021**, 70, 400-414	0.9	1
7	Bone: Bone marrow adipocytes in 3D. *Nature Reviews Endocrinology*, **2018**, 14, 254-255	15.2	0
6	BAd-CRISPR: Inducible gene knockout in interscapular brown adipose tissue of adult mice. *Journal of Biological Chemistry*, **2021**, 297, 101402	5.4	0
5	Tetracycline response element driven Cre causes ectopic recombinase activity independent of transactivator element.. *Molecular Metabolism*, **2022**, 101501	8.8	0
4	Chapter 8 Regulation of adipocyte differentiation and metabolism by Wnt signaling and C/EBP transcription factors. *Advances in Molecular and Cellular Endocrinology*, **2006**, 153-314		
3	Adipogenesis of Adipose Stromal Cells is Reduced by Endothelial Cell Co-cultivation: Role for Wnt-signaling. *FASEB Journal*, **2008**, 22, 49.11	0.9	
2	Local interactions in the bone marrow microenvironment and their contributions to systemic metabolic processes **2020**, 63-80		
1	Marrow Adipose Tissue and its Interactions with the Skeletal, Hematopoietic, and Immune Systems **2016**, 345-352		