

Ez-Zoubir amri

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

4,247
citations

33
h-index

65
g-index

68
ext. papers

4,859
ext. citations

7
avg, IF

4.8
L-index

#	Paper	IF	Citations
64	Cardiac natriuretic peptides act via p38 MAPK to induce the brown fat thermogenic program in mouse and human adipocytes. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1022-36	15.9	610
63	microRNA miR-27b impairs human adipocyte differentiation and targets PPARgamma. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 390, 247-51	3.4	328
62	Cloning of a protein that mediates transcriptional effects of fatty acids in preadipocytes. Homology to peroxisome proliferator-activated receptors. <i>Journal of Biological Chemistry</i> , 1995 , 270, 2367-71	5.4	305
61	Adipocyte differentiation of multipotent cells established from human adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 315, 255-63	3.4	238
60	Arachidonic acid and prostacyclin signaling promote adipose tissue development: a human health concern?. <i>Journal of Lipid Research</i> , 2003 , 44, 271-9	6.3	219
59	Human multipotent adipose-derived stem cells differentiate into functional brown adipocytes. <i>Stem Cells</i> , 2009 , 27, 2753-60	5.8	198
58	Thiazolidinediones and fatty acids convert myogenic cells into adipose-like cells. <i>Journal of Biological Chemistry</i> , 1995 , 270, 28183-7	5.4	182
57	Oxytocin controls differentiation of human mesenchymal stem cells and reverses osteoporosis. <i>Stem Cells</i> , 2008 , 26, 2399-407	5.8	136
56	A Western-like fat diet is sufficient to induce a gradual enhancement in fat mass over generations. <i>Journal of Lipid Research</i> , 2010 , 51, 2352-61	6.3	125
55	MicroRNA-26 family is required for human adipogenesis and drives characteristics of brown adipocytes. <i>Stem Cells</i> , 2014 , 32, 1578-90	5.8	124
54	Adipocyte differentiation of 3T3-L1 preadipocytes is dependent on lipoxygenase activity during the initial stages of the differentiation process. <i>Biochemical Journal</i> , 2003 , 375, 539-49	3.8	113
53	Characterization of the long pentraxin PTX3 as a TNFalpha-induced secreted protein of adipose cells. <i>Journal of Lipid Research</i> , 2003 , 44, 994-1000	6.3	109
52	Browning of human adipocytes requires KLF11 and reprogramming of PPAR β superenhancers. <i>Genes and Development</i> , 2015 , 29, 7-22	12.6	107
51	Glucose uptake in brown fat cells is dependent on mTOR complex 2-promoted GLUT1 translocation. <i>Journal of Cell Biology</i> , 2014 , 207, 365-74	7.3	106
50	White-to-brite conversion in human adipocytes promotes metabolic reprogramming towards fatty acid anabolic and catabolic pathways. <i>Molecular Metabolism</i> , 2016 , 5, 352-365	8.8	87
49	Differentiation of Human Adipose-Derived Stem Cells into "Brite" (Brown-in-White) Adipocytes. <i>Frontiers in Endocrinology</i> , 2011 , 2, 87	5.7	82
48	Human adipose tissue-derived multipotent stem cells differentiate in vitro and in vivo into osteocyte-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 342-8	3.4	68

47	An AMP-activated protein kinase-stabilizing peptide ameliorates adipose tissue wasting in cancer cachexia in mice. <i>Nature Medicine</i> , 2016 , 22, 1120-1130	50.5	63
46	Peroxisome Proliferator Activated Receptor Gamma Controls Mature Brown Adipocyte Inducibility through Glycerol Kinase. <i>Cell Reports</i> , 2018 , 22, 760-773	10.6	60
45	The β -fatty acid, arachidonic acid, regulates the conversion of white to brite adipocyte through a prostaglandin/calcium mediated pathway. <i>Molecular Metabolism</i> , 2014 , 3, 834-47	8.8	57
44	β Adrenergic receptors increase UCP1 in human MADS brown adipocytes and rescue cold-acclimated β adrenergic receptor-knockout mice via nonshivering thermogenesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E1108-18	6	47
43	Oxytocin reverses ovariectomy-induced osteopenia and body fat gain. <i>Endocrinology</i> , 2014 , 155, 1340-52	4.8	46
42	Transdifferentiation of preadipose cells into smooth muscle-like cells: role of aortic carboxypeptidase-like protein. <i>Experimental Cell Research</i> , 2004 , 293, 219-28	4.2	46
41	Control of adipogenesis by oxylipins, GPCRs and PPARs. <i>Biochimie</i> , 2017 , 136, 3-11	4.6	43
40	Proteomic Analysis of Human Brown Adipose Tissue Reveals Utilization of Coupled and Uncoupled Energy Expenditure Pathways. <i>Scientific Reports</i> , 2016 , 6, 30030	4.9	42
39	Caloric Restriction and Diet-Induced Weight Loss Do Not Induce Browning of Human Subcutaneous White Adipose Tissue in Women and Men with Obesity. <i>Cell Reports</i> , 2018 , 22, 1079-1089	10.6	40
38	miR-125b affects mitochondrial biogenesis and impairs brite adipocyte formation and function. <i>Molecular Metabolism</i> , 2016 , 5, 615-625	8.8	40
37	Oxytocin and bone remodelling: relationships with neuropituitary hormones, bone status and body composition. <i>Joint Bone Spine</i> , 2011 , 78, 611-5	2.9	40
36	Mitochondrial fission is associated with UCP1 activity in human brite/beige adipocytes. <i>Molecular Metabolism</i> , 2018 , 7, 35-44	8.8	40
35	Impact of dietary β polyunsaturated fatty acid supplementation on brown and brite adipocyte function. <i>Journal of Lipid Research</i> , 2018 , 59, 452-461	6.3	38
34	In vitro brown and "brite"/"beige" adipogenesis: human cellular models and molecular aspects. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 905-14	5	38
33	Inhibition of Mevalonate Pathway Prevents Adipocyte Browning in Mice and Men by Affecting Protein Prenylation. <i>Cell Metabolism</i> , 2019 , 29, 901-916.e8	24.6	37
32	Activation of protein kinase A and exchange protein directly activated by cAMP promotes adipocyte differentiation of human mesenchymal stem cells. <i>PLoS ONE</i> , 2012 , 7, e34114	3.7	36
31	Dynamic regulation of genes involved in mitochondrial DNA replication and transcription during mouse brown fat cell differentiation and recruitment. <i>PLoS ONE</i> , 2009 , 4, e8458	3.7	31
30	Let-7i-5p represses brite adipocyte function in mice and humans. <i>Scientific Reports</i> , 2016 , 6, 28613	4.9	30

29	Jak-TGF β cross-talk links transient adipose tissue inflammation to beige adipogenesis. <i>Science Signaling</i> , 2018 , 11,	8.8	29
28	Delta-interacting protein A, a new inhibitory partner of CCAAT/enhancer-binding protein beta, implicated in adipocyte differentiation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 11432-8	5.4	29
27	Mesoderm-specific transcript (MEST) is a negative regulator of human adipocyte differentiation. <i>International Journal of Obesity</i> , 2015 , 39, 1733-41	5.5	25
26	The K ⁺ channel TASK1 modulates β adrenergic response in brown adipose tissue through the mineralocorticoid receptor pathway. <i>FASEB Journal</i> , 2016 , 30, 909-22	0.9	25
25	Oxytocin, a new determinant of bone mineral density in post-menopausal women: analysis of the OPUS cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E634-41	5.6	25
24	IP-receptor and PPARs trigger the conversion of human white to brite adipocyte induced by carbaprostacyclin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 285-93 ⁵		23
23	Oxytocin reverses osteoporosis in a sex-dependent manner. <i>Frontiers in Endocrinology</i> , 2015 , 6, 81	5.7	23
22	Chondrogenic potential of stem cells derived from adipose tissue: a powerful pharmacological tool. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 786-91	3.4	21
21	Small non coding RNAs in adipocyte biology and obesity. <i>Molecular and Cellular Endocrinology</i> , 2017 , 456, 87-94	4.4	16
20	The translational regulator FMRP controls lipid and glucose metabolism in mice and humans. <i>Molecular Metabolism</i> , 2019 , 21, 22-35	8.8	16
19	Age-Dependent Control of Energy Homeostasis by Brown Adipose Tissue in Progeny Subjected to Maternal Diet-Induced Fetal Programming. <i>Diabetes</i> , 2017 , 66, 627-639	0.9	13
18	Control of bone and fat mass by oxytocin. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016 , 28, 95-104	1.3	13
17	Fatty Acid Metabolite Profiling Reveals Oxylipins as Markers of Brown but Not Brite Adipose Tissue. <i>Frontiers in Endocrinology</i> , 2020 , 11, 73	5.7	10
16	Disequilibrium of polyunsaturated fatty acids status and its dual effect in modulating adipose tissue development and functions. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2015 , 22, D405	1.5	8
15	The influence of auranofin, a clinically established antiarthritic gold drug, on bone metabolism: analysis of its effects on human multipotent adipose-derived stem cells, taken as a model. <i>Chemistry and Biodiversity</i> , 2008 , 5, 1513-20	2.5	8
14	In vitro and ex vivo models of adipocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , 320, C822-C841	5.4	7
13	Visfatin expression analysis in association with recruitment and activation of human and rodent brown and brite adipocytes. <i>Adipocyte</i> , 2016 , 5, 186-95	3.2	7
12	Fatty Acid Metabolites as Novel Regulators of Non-shivering Thermogenesis. <i>Handbook of Experimental Pharmacology</i> , 2019 , 251, 183-214	3.2	6

11	-Deficiency Impacts Body Composition, Skeleton, and Bone Microstructure in a Mouse Model of Fragile X Syndrome. <i>Frontiers in Endocrinology</i> , 2019 , 10, 678	5.7	6
10	Paternal multigenerational exposure to an obesogenic diet drives epigenetic predisposition to metabolic diseases in mice. <i>ELife</i> , 2021 , 10,	8.9	6
9	Oxytocin Controls Chondrogenesis and Correlates with Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
8	Identification of a Paracrine Signaling Mechanism Linking CD34 Progenitors to the Regulation of Visceral Fat Expansion and Remodeling. <i>Cell Reports</i> , 2019 , 29, 270-282.e5	10.6	5
7	GPR180 is a component of TGF β signalling that promotes thermogenic adipocyte function and mediates the metabolic effects of the adipocyte-secreted factor CTHRC1. <i>Nature Communications</i> , 2021 , 12, 7144	17.4	3
6	Oxytocin and Bone: Review and Perspectives. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
5	A Novel N-Substituted Valine Derivative with Unique Peroxisome Proliferator-Activated Receptor α Binding Properties and Biological Activities. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13124-13139	8.3	1
4	Delivery of miRNAs to the adipose organ for metabolic health.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 181, 114110	18.5	1
3	No Effect of Dietary Fish Oil Supplementation on the Recruitment of Brown and Brite Adipocytes in Mice or Humans under Thermoneutral Conditions. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2007881	5.9	1
2	Isothermal microcalorimetry measures UCP1-mediated thermogenesis in mature brite adipocytes. <i>Communications Biology</i> , 2021 , 4, 1108	6.7	0
1	Ocytocine et remodelage osseux : relation entre hormones pituitaires, statut osseux et composition corporelle. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2011 , 78, 453-458	0.1	