

Sven Enerbäck

List of Publications by Year in descending order

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57
papers

13,688
citations

87723

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168136

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57
all docs

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docs citations

57
times ranked

13366
citing authors

#	ARTICLE	IF	CITATIONS
1	Beige Adipocytes Are a Distinct Type of Thermogenic Fat Cell in Mouse and Human. <i>Cell</i> , 2012, 150, 366-376.	13.5	2,740
2	Functional Brown Adipose Tissue in Healthy Adults. <i>New England Journal of Medicine</i> , 2009, 360, 1518-1525.	13.9	2,683
3	Mice lacking mitochondrial uncoupling protein are cold-sensitive but not obese. <i>Nature</i> , 1997, 387, 90-94.	13.7	1,251
4	Brown Adipose Tissue Improves Whole-Body Glucose Homeostasis and Insulin Sensitivity in Humans. <i>Diabetes</i> , 2014, 63, 4089-4099.	0.3	627
5	Different Metabolic Responses of Human Brown Adipose Tissue to Activation by Cold and Insulin. <i>Cell Metabolism</i> , 2011, 14, 272-279.	7.2	609
6	Evidence for two types of brown adipose tissue in humans. <i>Nature Medicine</i> , 2013, 19, 631-634.	15.2	563
7	FOXC2 Is a Winged Helix Gene that Counteracts Obesity, Hypertriglyceridemia, and Diet-Induced Insulin Resistance. <i>Cell</i> , 2001, 106, 563-573.	13.5	500
8	Lactate: the ugly duckling of energy metabolism. <i>Nature Metabolism</i> , 2020, 2, 566-571.	5.1	371
9	Human Brown Adipose Tissue. <i>Cell Metabolism</i> , 2010, 11, 248-252.	7.2	325
10	Adenosine activates brown adipose tissue and recruits beige adipocytes via A2A receptors. <i>Nature</i> , 2014, 516, 395-399.	13.7	316
11	Targeting thermogenesis in brown fat and muscle to treat obesity and metabolic disease. <i>Nature Reviews Endocrinology</i> , 2018, 14, 77-87.	4.3	238
12	Brown Adipose Reporting Criteria in Imaging Studies (BARCIST 1.0): Recommendations for Standardized FDG-PET/CT Experiments in Humans. <i>Cell Metabolism</i> , 2016, 24, 210-222.	7.2	233
13	Blunted metabolic responses to cold and insulin stimulation in brown adipose tissue of obese humans. <i>Obesity</i> , 2013, 21, 2279-2287.	1.5	217
14	Transcriptional Control of SLC26A4 Is Involved in Pendred Syndrome and Nonsyndromic Enlargement of Vestibular Aqueduct (DFNB4). <i>American Journal of Human Genetics</i> , 2007, 80, 1055-1063.	2.6	184
15	Distal renal tubular acidosis in mice that lack the forkhead transcription factor Foxi1. <i>Journal of Clinical Investigation</i> , 2004, 113, 1560-1570.	3.9	175
16	Human Brown Adipose Tissue: What We Have Learned So Far. <i>Diabetes</i> , 2015, 64, 2352-2360.	0.3	171
17	Lack of pendrin expression leads to deafness and expansion of the endolymphatic compartment in inner ears of Foxi1 null mutant mice. <i>Development (Cambridge)</i> , 2003, 130, 2013-2025.	1.2	169
18	E-cadherin expression in human epithelial ovarian cancer and normal ovary. , 1997, 74, 275-280.		151

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19	Reduced Expression of FOXC2 and Brown Adipogenic Genes in Human Subjects with Insulin Resistance. <i>Obesity</i> , 2003, 11, 1182-1191.	4.0	124
20	Brown adipose tissue and its therapeutic potential. <i>Journal of Internal Medicine</i> , 2014, 276, 364-377.	2.7	119
21	The Forkhead Transcription Factor Foxi1 Is a Master Regulator of Vacuolar H ⁺ -ATPase Proton Pump Subunits in the Inner Ear, Kidney and Epididymis. <i>PLoS ONE</i> , 2009, 4, e4471.	1.1	116
22	FOXK1 and FOXK2 regulate aerobic glycolysis. <i>Nature</i> , 2019, 566, 279-283.	13.7	110
23	Inducible Brown Adipose Tissue, or Beige Fat, Is Anabolic for the Skeleton. <i>Endocrinology</i> , 2013, 154, 2687-2701.	1.4	109
24	Increased expression of the transcription factors CCAAT-enhancer binding protein-? (C/EB?) and C/EBP? (CHOP) correlate with invasiveness of human colorectal cancer. , 2000, 86, 337-343.		105
25	Epididymal expression of the forkhead transcription factor Foxi1 is required for male fertility. <i>EMBO Journal</i> , 2006, 25, 4131-4141.	3.5	102
26	Hyperthyroidism Increases Brown Fat Metabolism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E28-E35.	1.8	95
27	Forkhead transcription factor FoxF2 is expressed in mesodermal tissues involved in epithelio-mesenchymal interactions. , 2000, 218, 136-149.		92
28	The winged helix transcription factor Fkh10 is required for normal development of the inner ear. <i>Nature Genetics</i> , 1998, 20, 374-376.	9.4	91
29	The Gq signalling pathway inhibits brown and beige adipose tissue. <i>Nature Communications</i> , 2016, 7, 10895.	5.8	90
30	BATLAS: Deconvoluting Brown Adipose Tissue. <i>Cell Reports</i> , 2018, 25, 784-797.e4.	2.9	89
31	Peroxisome Proliferator Activated Receptor Gamma Controls Mature Brown Adipocyte Inducibility through Glycerol Kinase. <i>Cell Reports</i> , 2018, 22, 760-773.	2.9	86
32	Acidosis and Deafness in Patients with Recessive Mutations in FOXI1. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1041-1048.	3.0	84
33	Adipocyte-Specific Overexpression of FOXC2 Prevents Diet-Induced Increases in Intramuscular Fatty Acyl CoA and Insulin Resistance. <i>Diabetes</i> , 2005, 54, 1657-1663.	0.3	68
34	Metformin treatment significantly enhances intestinal glucose uptake in patients with type 2 diabetes: Results from a randomized clinical trial. <i>Diabetes Research and Clinical Practice</i> , 2017, 131, 208-216.	1.1	62
35	FOXC2 mRNA Expression and a 5' Untranslated Region Polymorphism of the Gene Are Associated With Insulin Resistance. <i>Diabetes</i> , 2002, 51, 3554-3560.	0.3	61
36	The Adipocyte-Expressed Forkhead Transcription Factor Foxc2 Regulates Metabolism Through Altered Mitochondrial Function. <i>Diabetes</i> , 2011, 60, 427-435.	0.3	61

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37	FoxK1 and FoxK2 in insulin regulation of cellular and mitochondrial metabolism. <i>Nature Communications</i> , 2019, 10, 1582.	5.8	57
38	On the Role of FOX Transcription Factors in Adipocyte Differentiation and Insulin-stimulated Glucose Uptake. <i>Journal of Biological Chemistry</i> , 2009, 284, 10755-10763.	1.6	56
39	Brown Adipose Tissue in Humans. <i>Methods in Enzymology</i> , 2014, 537, 141-159.	0.4	56
40	Insulin and TNF α Induce Expression of the Forkhead Transcription Factor Gene <i>Foxc2</i> in 3T3-L1 Adipocytes via PI3K and ERK 1/2-Dependent Pathways. <i>Molecular Endocrinology</i> , 2002, 16, 873-883.	3.7	51
41	Two types of brown adipose tissue in humans. <i>Adipocyte</i> , 2014, 3, 63-66.	1.3	51
42	Presence of Brown Adipocytes in Retroperitoneal Fat From Patients With Benign Adrenal Tumors: Relationship With Outdoor Temperature. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4097-4104.	1.8	41
43	Expression of FOXC2 in adipose and muscle and its association with whole body insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E799-E803.	1.8	28
44	Human Bone Marrow Adipose Tissue is a Metabolically Active and Insulin-Sensitive Distinct Fat Depot. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2300-2310.	1.8	28
45	A randomized trial of cold-exposure on energy expenditure and supraclavicular brown adipose tissue volume in humans. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 926-934.	1.5	26
46	Characterization of brown adipose tissue by water-fat separated magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1639-1645.	1.9	23
47	Adipose tissue plasticity and new therapeutic targets. <i>Nature Reviews Endocrinology</i> , 2013, 9, 69-70.	4.3	17
48	Elevated Glucose Levels Preserve Glucose Uptake, Hyaluronan Production, and Low Glutamate Release Following Interleukin-1 β Stimulation of Differentiated Chondrocytes. <i>Cartilage</i> , 2019, 10, 491-503.	1.4	15
49	The generation of immune-induced fever and emotional stress-induced hyperthermia in mice does not involve brown adipose tissue thermogenesis. <i>FASEB Journal</i> , 2020, 34, 5863-5876.	0.2	12
50	ATGL activity regulates GLUT1-mediated glucose uptake and lactate production via TXNIP stability in adipocytes. <i>Journal of Biological Chemistry</i> , 2021, 296, 100332.	1.6	12
51	<i>Foxc2</i> is essential for podocyte function. <i>Physiological Reports</i> , 2019, 7, e14083.	0.7	10
52	In vitro differentiated adipocytes from a <i>Foxc2</i> reporter knock-in mouse as screening tool. <i>Transgenic Research</i> , 2009, 18, 889-897.	1.3	8
53	<i>Foxc2</i> influences alveolar epithelial cell differentiation during lung development. <i>Development Growth and Differentiation</i> , 2017, 59, 501-514.	0.6	4
54	Casein Kinase 2 α Kinase that Inhibits Brown Fat Formation. <i>Cell Metabolism</i> , 2015, 22, 958-959.	7.2	2

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55	Beige Communication through Gap Junctions and Adaption by Autophagy. Cell Metabolism, 2016, 24, 370-371.	7.2	2
56	Adipose Tissue Flexes Its Muscles. Cell Metabolism, 2018, 27, 712-713.	7.2	2
57	An Enzymatic Chromatin Switch that Directs Formation of Active Brown Fat. Cell Metabolism, 2014, 19, 3-4.	7.2	0