# Sven EnerbÃ¤ck

## List of Publications by Year in descending order



| 57 | 13,688 | 87723<br>38 | 168136<br>53 |
| --- | --- | --- | --- |
| papers | citations | h-index | g-index |

| 57 | 57 | 57 | 13366 |
| --- | --- | --- | --- |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ATGL activity regulates GLUT1-mediated glucose uptake and lactate production via TXNIP stability in adipocytes. Journal of Biological Chemistry, 2021, 296, 100332. | 1.6 | 12 |
| 2 | Lactate: the ugly duckling of energy metabolism. Nature Metabolism, 2020, 2, 566-571. | 5.1 | 371 |
| 3 | The generation of immuneâ€induced fever and emotional stressâ€induced hyperthermia in mice does not involve brown adipose tissue thermogenesis. FASEB Journal, 2020, 34, 5863-5876. | 0.2 | 12 |
| 4 | Human Bone Marrow Adipose Tissue is a Metabolically Active and Insulin-Sensitive Distinct Fat Depot. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2300-2310. | 1.8 | 28 |
| 5 | FOXK1 and FOXK2 regulate aerobic glycolysis. Nature, 2019, 566, 279-283. | 13.7 | 110 |
| 6 | <i>Foxc2</i>is essential for podocyte function. Physiological Reports, 2019, 7, e14083. | 0.7 | 10 |
| 7 | FoxK1 and FoxK2 in insulin regulation of cellular and mitochondrial metabolism. Nature Communications, 2019, 10, 1582. | 5.8 | 57 |
| 8 | Elevated Glucose Levels Preserve Glucose Uptake, Hyaluronan Production, and Low Glutamate Release Following Interleukin-1Î² Stimulation of Differentiated Chondrocytes. Cartilage, 2019, 10, 491-503. | 1.4 | 15 |
| 9 | Adipose Tissue Flexes Its Muscles. Cell Metabolism, 2018, 27, 712-713. | 7.2 | 2 |
| 10 | Peroxisome Proliferator Activated Receptor Gamma Controls Mature Brown Adipocyte Inducibility through Glycerol Kinase. Cell Reports, 2018, 22, 760-773. | 2.9 | 86 |
| 11 | Targeting thermogenesis in brown fat and muscle to treat obesity and metabolic disease. Nature Reviews Endocrinology, 2018, 14, 77-87. | 4.3 | 238 |
| 12 | Acidosis and Deafness in Patients with Recessive Mutations in FOXI1. Journal of the American Society of Nephrology: JASN, 2018, 29, 1041-1048. | 3.0 | 84 |
| 13 | BATLAS: Deconvoluting Brown Adipose Tissue. Cell Reports, 2018, 25, 784-797.e4. | 2.9 | 89 |
| 14 | <i>Foxc2</i> influences alveolar epithelial cell differentiation during lung development. Development Growth and Differentiation, 2017, 59, 501-514. | 0.6 | 4 |
| 15 | Metformin treatment significantly enhances intestinal glucose uptake in patients with type 2 diabetes: Results from a randomized clinical trial. Diabetes Research and Clinical Practice, 2017, 131, 208-216. | 1.1 | 62 |
| 16 | A randomized trial of cold-exposure on energy expenditure and supraclavicular brown adipose tissue volume in humans. Metabolism: Clinical and Experimental, 2016, 65, 926-934. | 1.5 | 26 |
| 17 | Brown Adipose Reporting Criteria in Imaging STudies (BARCIST 1.0): Recommendations for Standardized FDG-PET/CT Experiments in Humans. Cell Metabolism, 2016, 24, 210-222. | 7.2 | 233 |
| 18 | Beige Communication through Gap Junctions and Adaption by Autophagy. Cell Metabolism, 2016, 24, 370-371. | 7.2 | 2 |

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|---|---|---|---|
| 19 | The Gq signalling pathway inhibits brown and beige adipose tissue. Nature Communications, 2016, 7, 10895. | 5.8 | 90 |
| 20 | Characterization of brown adipose tissue by waterâ€“fat separated magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2015, 42, 1639-1645. | 1.9 | 23 |
| 21 | Casein Kinase 2â€"A Kinase that Inhibits Brown Fat Formation. Cell Metabolism, 2015, 22, 958-959. | 7.2 | 2 |
| 22 | Human Brown Adipose Tissue: What We Have Learned So Far. Diabetes, 2015, 64, 2352-2360. | 0.3 | 171 |
| 23 | Two types of brown adipose tissue in humans. Adipocyte, 2014, 3, 63-66. | 1.3 | 51 |
| 24 | Brown Adipose Tissue in Humans. Methods in Enzymology, 2014, 537, 141-159. | 0.4 | 56 |
| 25 | Brown adipose tissue and its therapeutic potential. Journal of Internal Medicine, 2014, 276, 364-377. | 2.7 | 119 |
| 26 | An Enzymatic Chromatin Switch that Directs Formation of Active Brown Fat. Cell Metabolism, 2014, 19, 3-4. | 7.2 | 0 |
| 27 | Hyperthyroidism Increases Brown Fat Metabolism in Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E28-E35. | 1.8 | 95 |
| 28 | Adenosine activates brown adipose tissue and recruits beige adipocytes via A2A receptors. Nature, 2014, 516, 395-399. | 13.7 | 316 |
| 29 | Brown Adipose Tissue Improves Whole-Body Glucose Homeostasis and Insulin Sensitivity in Humans. Diabetes, 2014, 63, 4089-4099. | 0.3 | 627 |
| 30 | Blunted metabolic responses to cold and insulin stimulation in brown adipose tissue of obese humans. Obesity, 2013, 21, 2279-2287. | 1.5 | 217 |
| 31 | Adipose tissue plasticity and new therapeutic targets. Nature Reviews Endocrinology, 2013, 9, 69-70. | 4.3 | 17 |
| 32 | Evidence for two types of brown adipose tissue in humans. Nature Medicine, 2013, 19, 631-634. | 15.2 | 563 |
| 33 | Inducible Brown Adipose Tissue, or Beige Fat, Is Anabolic for the Skeleton. Endocrinology, 2013, 154, 2687-2701. | 1.4 | 109 |
| 34 | Presence of Brown Adipocytes in Retroperitoneal Fat From Patients With Benign Adrenal Tumors: Relationship With Outdoor Temperature. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4097-4104. | 1.8 | 41 |
| 35 | Beige Adipocytes Are a Distinct Type of Thermogenic Fat Cell in Mouse and Human. Cell, 2012, 150, 366-376. | 13.5 | 2,740 |
| 36 | Different Metabolic Responses of Human Brown Adipose Tissue to Activation by Cold and Insulin. Cell Metabolism, 2011, 14, 272-279. | 7.2 | 609 |

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|---|---|---|---|
| 37 | The Adipocyte-Expressed Forkhead Transcription Factor Foxc2 Regulates Metabolism Through Altered Mitochondrial Function. Diabetes, 2011, 60, 427-435. | 0.3 | 61 |
| 38 | Human Brown Adipose Tissue. Cell Metabolism, 2010, 11, 248-252. | 7.2 | 325 |
| 39 | On the Role of FOX Transcription Factors in Adipocyte Differentiation and Insulin-stimulated Glucose Uptake. Journal of Biological Chemistry, 2009, 284, 10755-10763. | 1.6 | 56 |
| 40 | In vitro differentiated adipocytes from a Foxc2 reporter knock-in mouse as screening tool. Transgenic Research, 2009, 18, 889-897. | 1.3 | 8 |
| 41 | Functional Brown Adipose Tissue in Healthy Adults. New England Journal of Medicine, 2009, 360, 1518-1525. | 13.9 | 2,683 |
| 42 | The Forkhead Transcription Factor Foxi1 Is a Master Regulator of Vacuolar H+-ATPase Proton Pump Subunits in the Inner Ear, Kidney and Epididymis. PLoS ONE, 2009, 4, e4471. | 1.1 | 116 |
| 43 | Transcriptional Control of SLC26A4 Is Involved in Pendred Syndrome and Nonsyndromic Enlargement of Vestibular Aqueduct (DFNB4). American Journal of Human Genetics, 2007, 80, 1055-1063. | 2.6 | 184 |
| 44 | Epididymal expression of the forkhead transcription factor Foxi1 is required for male fertility. EMBO Journal, 2006, 25, 4131-4141. | 3.5 | 102 |
| 45 | Adipocyte-Specific Overexpression of FOXC2 Prevents Diet-Induced Increases in Intramuscular Fatty Acyl CoA and Insulin Resistance. Diabetes, 2005, 54, 1657-1663. | 0.3 | 68 |
| 46 | Expression of FOXC2 in adipose and muscle and its association with whole body insulin sensitivity. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E799-E803. | 1.8 | 28 |
| 47 | Distal renal tubular acidosis in mice that lack the forkhead transcription factor Foxi1. Journal of Clinical Investigation, 2004, 113, 1560-1570. | 3.9 | 175 |
| 48 | Reduced Expression of FOXC2 and Brown Adipogenic Genes in Human Subjects with Insulin Resistance. Obesity, 2003, 11, 1182-1191. | 4.0 | 124 |
| 49 | Lack of pendrin expression leads to deafness and expansion of the endolymphatic compartment in inner ears of Foxi1 null mutant mice. Development (Cambridge), 2003, 130, 2013-2025. | 1.2 | 169 |
| 50 | FOXC2 mRNA Expression and a 5' Untranslated Region Polymorphism of the Gene Are Associated With Insulin Resistance. Diabetes, 2002, 51, 3554-3560. | 0.3 | 61 |
| 51 | Insulin and TNFÎ± Induce Expression of the Forkhead Transcription Factor Gene<i>Foxc2</i>in 3T3-L1 Adipocytes via PI3K and ERK 1/2-Dependent Pathways. Molecular Endocrinology, 2002, 16, 873-883. | 3.7 | 51 |
| 52 | FOXC2 Is a Winged Helix Gene that Counteracts Obesity, Hypertriglyceridemia, and Diet-Induced Insulin Resistance. Cell, 2001, 106, 563-573. | 13.5 | 500 |
| 53 | Forkhead transcription factorFoxF2 is expressed in mesodermal tissues involved in epithelio-mesenchymal interactions. , 2000, 218, 136-149. | | 92 |
| 54 | 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 |

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|---|---|---|---|
| 55 | The winged helix transcription factor Fkh10 is required for normal development of the inner ear. Nature Genetics, 1998, 20, 374-376. | 9.4 | 91 |
| 56 | Mice lacking mitochondrial uncoupling protein are cold-sensitive but not obese. Nature, 1997, 387, 90-94. | 13.7 | 1,251 |
| 57 | E-cadherin expression in human epithelial ovarian cancer and normal ovary. , 1997, 74, 275-280. | | 151 |