

Kristy L Townsend

List of Publications by Year in descending order

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36
papers

3,367
citations

394421

19
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501196

28
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44
all docs

44
docs citations

44
times ranked

5429
citing authors

#	ARTICLE	IF	CITATIONS
1	Telomerase reverse transcriptase expression marks a population of rare adipose tissue stem cells. <i>Stem Cells</i> , 2022, 40, 102-111.	3.2	1
2	A clearing-free protocol for imaging intact whole adipose tissue innervation in mice. <i>STAR Protocols</i> , 2022, 3, 101109.	1.2	7
3	Silk Hydrogel-Mediated Delivery of Bone Morphogenetic Protein 7 Directly to Subcutaneous White Adipose Tissue Increases Browning and Energy Expenditure. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	4.1	6
4	1207-P: Tracing Telomerase Reverse Transcriptase (Tert) Expression to a Dormant Preadipogenic Origin. <i>Diabetes</i> , 2021, 70, 1207-P.	0.6	0
5	Bone morphogenetic proteins (BMPs) in the central regulation of energy balance and adult neural plasticity. <i>Metabolism: Clinical and Experimental</i> , 2021, 123, 154837.	3.4	26
6	Visualization and analysis of whole depot adipose tissue neural innervation. <i>IScience</i> , 2021, 24, 103127.	4.1	22
7	Abstract P373: The Occurrence Of Neurovascular And Adipose Neuropathy In The Genetically Diverse Het3 Mouse With Aging. <i>Circulation Research</i> , 2021, 129, .	4.5	0
8	The involvement of neuroimmune cells in adipose innervation. <i>Molecular Medicine</i> , 2020, 26, 126.	4.4	27
9	The re-emergence of adipose innervation as a research focus. <i>Nature Reviews Endocrinology</i> , 2020, 16, 127-128.	9.6	2
10	Wavelet-based characterization of the spatial relationship of nerve and collagen in neuropathic adipose tissue. , 2020, , .		1
11	Neuropathy and neural plasticity in the subcutaneous white adipose depot. <i>PLoS ONE</i> , 2019, 14, e0221766.	2.5	40
12	The Importance of Peripheral Nerves in Adipose Tissue for the Regulation of Energy Balance. <i>Biology</i> , 2019, 8, 10.	2.8	49
13	A peroxidized omega-3-enriched polyunsaturated diet leads to adipose and metabolic dysfunction. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 50-60.	4.2	5
14	Exploratory investigation of the spatial relationships of collagen and nerves in subcutaneous white adipose tissue (scWAT) using 2-photon microscopy. , 2019, , .		0
15	Oxidative stress-dependent MMP-13 activity underlies glucose neurotoxicity. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 249-257.	2.3	28
16	Reestablishment of Energy Balance in a Male Mouse Model With POMC Neuron Deletion of BMPR1A. <i>Endocrinology</i> , 2017, 158, 4233-4245.	2.8	12
17	Adipose Tissue and Energy Expenditure: Central and Peripheral Neural Activation Pathways. <i>Current Obesity Reports</i> , 2016, 5, 241-250.	8.4	21
18	Micro RNA-455 regulates brown adipogenesis via a novel HIF-1 α -AMPK β -PGC-1 β signaling network. <i>EMBO Reports</i> , 2015, 16, 1378-1393.	4.5	123

#	ARTICLE	IF	CITATIONS
19	A Novel Role for Subcutaneous Adipose Tissue in Exercise-Induced Improvements in Glucose Homeostasis. <i>Diabetes</i> , 2015, 64, 2002-2014.	0.6	248
20	Of mice and men: novel insights regarding constitutive and recruitable brown adipocytes. <i>International Journal of Obesity Supplements</i> , 2015, 5, S15-S20.	12.6	27
21	Clonal analyses and gene profiling identify genetic biomarkers of the thermogenic potential of human brown and white preadipocytes. <i>Nature Medicine</i> , 2015, 21, 760-768.	30.7	240
22	Brown fat fuel utilization and thermogenesis. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 168-177.	7.1	261
23	Increased Mitochondrial Activity in BMP7-Treated Brown Adipocytes, Due to Increased CPT1- and CD36-Mediated Fatty Acid Uptake. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 243-257.	5.4	85
24	Ablation of TRIP-Br2, a regulator of fat lipolysis, thermogenesis and oxidative metabolism, prevents diet-induced obesity and insulin resistance. <i>Nature Medicine</i> , 2013, 19, 217-226.	30.7	65
25	Brown-fat paucity due to impaired BMP signalling induces compensatory browning of white fat. <i>Nature</i> , 2013, 495, 379-383.	27.8	338
26	Brown adipose tissue regulates glucose homeostasis and insulin sensitivity. <i>Journal of Clinical Investigation</i> , 2013, 123, 215-223.	8.2	964
27	Brown adipose tissue. <i>Adipocyte</i> , 2012, 1, 13-24.	2.8	135
28	Bone morphogenetic protein 7 (BMP7) reverses obesity and regulates appetite through a central mTOR pathway. <i>FASEB Journal</i> , 2012, 26, 2187-2196.	0.5	93
29	A Novel Role for Adipose Tissue in Exercise-Induced Improvements in Glucose Homeostasis. <i>FASEB Journal</i> , 2012, 26, 1142.15.	0.5	0
30	Identification of inducible brown adipocyte progenitors residing in skeletal muscle and white fat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 143-148.	7.1	425
31	Changes in body mass, serum leptin, and mRNA levels of leptin receptor isoforms during the premigratory period in <i>Myotis lucifugus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 217-223.	1.5	20
32	High-fat diet-induced changes in body mass and hypothalamic gene expression in wild-type and leptin-deficient mice. <i>Endocrine</i> , 2008, 33, 176-188.	2.3	48
33	Inhibition of trophoblast invasiveness in vitro by immunoneutralization of leptin in the bat, <i>Myotis lucifugus</i> (Chiroptera). <i>General and Comparative Endocrinology</i> , 2007, 150, 59-65.	1.8	9
34	Leptin receptor expression increases in placenta, but not hypothalamus, during gestation in <i>Mus musculus</i> and <i>Myotis lucifugus</i> . <i>Placenta</i> , 2004, 25, 712-722.	1.5	21
35	Cold-Induced Adaptations to the Proteome of Mouse Subcutaneous White Adipose Tissue (scWAT) Reveal Proteins Relevant for Tissue Remodeling and Plasticity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
36	Adipose Tissue Myeloid-Lineage Neuroimmune Cells Express Genes Important for Neural Plasticity and Regulate Adipose Innervation. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	11