

Aleix GavaldÀ -Navarro

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,697
citations

471509

17
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

2633
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine tuning the extracellular environment accelerates the derivation of kidney organoids from human pluripotent stem cells. <i>Nature Materials</i> , 2019, 18, 397-405.	27.5	201
2	The lipid sensor GPR120 promotes brown fat activation and FGF21 release from adipocytes. <i>Nature Communications</i> , 2016, 7, 13479.	12.8	180
3	CXCL14, a Brown Adipokine that Mediates Brown-Fat-to-Macrophage Communication in Thermogenic Adaptation. <i>Cell Metabolism</i> , 2018, 28, 750-763.e6.	16.2	164
4	Toward an Understanding of How Immune Cells Control Brown and Beige Adipobiology. <i>Cell Metabolism</i> , 2018, 27, 954-961.	16.2	155
5	Fibroblast growth factor-21, energy balance and obesity. <i>Molecular and Cellular Endocrinology</i> , 2015, 418, 66-73.	3.2	144
6	New insights into the secretory functions of brown adipose tissue. <i>Journal of Endocrinology</i> , 2019, 243, R19-R27.	2.6	126
7	Fibroblast growth factor 15/19 (FGF15/19) protects from diet-induced hepatic steatosis: development of an FGF19-based chimeric molecule to promote fatty liver regeneration. <i>Gut</i> , 2017, 66, 1818-1828.	12.1	118
8	The Lives and Times of Brown Adipokines. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 855-867.	7.1	75
9	The endocrine role of brown adipose tissue: An update on actors and actions. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2022, 23, 31-41.	5.7	70
10	Brown Adipocytes Secrete GDF15 in Response to Thermogenic Activation. <i>Obesity</i> , 2019, 27, 1606-1616.	3.0	62
11	Small extracellular vesicle-mediated targeting of hypothalamic AMPK \pm 1 corrects obesity through BAT activation. <i>Nature Metabolism</i> , 2021, 3, 1415-1431.	11.9	45
12	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. <i>Diabetologia</i> , 2016, 59, 2208-2218.	6.3	41
13	Fibroblast growth factor 21 in breast milk controls neonatal intestine function. <i>Scientific Reports</i> , 2015, 5, 13717.	3.3	31
14	Parkin controls brown adipose tissue plasticity in response to adaptive thermogenesis. <i>EMBO Reports</i> , 2019, 20, .	4.5	29
15	Increasing breast milk betaine modulates <i>Akkermansia</i> abundance in mammalian neonates and improves long-term metabolic health. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	28
16	Mfn2 localization in the ER is necessary for its bioenergetic function and neuritic development. <i>EMBO Reports</i> , 2021, 22, e51954.	4.5	27
17	Antimicrobial promotion of pig growth is associated with tissue-specific remodeling of bile acid signature and signaling. <i>Scientific Reports</i> , 2018, 8, 13671.	3.3	18
18	The kallikrein-kinin pathway as a mechanism for auto-control of brown adipose tissue activity. <i>Nature Communications</i> , 2020, 11, 2132.	12.8	18

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19	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. <i>Molecular Metabolism</i> , 2021, 43, 101113.	6.5	18
20	The chemokine CXCL14 is negatively associated with obesity and concomitant type-2 diabetes in humans. <i>International Journal of Obesity</i> , 2021, 45, 706-710.	3.4	17
21	CERKL, a retinal dystrophy gene, regulates mitochondrial function and dynamics in the mammalian retina. <i>Neurobiology of Disease</i> , 2021, 156, 105405.	4.4	17
22	A Role for Oncostatin M in the Impairment of Glucose Homeostasis in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e337-e348.	3.6	15
23	Expression of Adenine Nucleotide Translocase (ANT) Isoform Genes Is Controlled by PGC α Through Different Transcription Factors. <i>Journal of Cellular Physiology</i> , 2014, 229, 2126-2136.	4.1	13
24	Brown Adipokines. <i>Handbook of Experimental Pharmacology</i> , 2018, 251, 239-256.	1.8	13
25	GPR120 controls neonatal brown adipose tissue thermogenic induction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E742-E750.	3.5	12
26	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. <i>Pharmacological Research</i> , 2021, 166, 105486.	7.1	12
27	Developmental regulation of the intestinal FGF19 system in domestic pigs. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G647-G654.	3.4	10
28	Changes in the expression of the human adenine nucleotide translocase isoforms condition cellular metabolic/proliferative status. <i>Open Biology</i> , 2016, 6, 150108.	3.6	8
29	ARMCX3 Mediates Susceptibility to Hepatic Tumorigenesis Promoted by Dietary Lipotoxicity. <i>Cancers</i> , 2021, 13, 1110.	3.7	7
30	Overexpression of CERKL Protects Retinal Pigment Epithelium Mitochondria from Oxidative Stress Effects. <i>Antioxidants</i> , 2021, 10, 2018.	5.1	7
31	Posterior Cervical Brown Fat and CXCL14 Levels in the First Year of Life: Sex Differences and Association With Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1148-e1158.	3.6	6
32	Expression of human and mouse adenine nucleotide translocase (ANT) isoform genes in adipogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 64, 34-44.	2.8	5
33	Bone Morphogenetic Protein-8B Levels at Birth and in the First Year of Life: Relation to Metabolic-Endocrine Variables and Brown Adipose Tissue Activity. <i>Frontiers in Pediatrics</i> , 2022, 10, 869581.	1.9	3
34	Adipose tissue aging partially accounts for fat alterations in HIV lipodystrophy. <i>Adipocyte</i> , 2022, 11, 143-152.	2.8	1
35	Brown fat resolves hepatic inflammation in obesity. <i>Nature Metabolism</i> , 2022, 4, 649-650.	11.9	1
36	The armadillo-repeat containing X-linked protein 3, ARM CX3, is a negative regulator of the browning of adipose tissue associated with obesity. <i>International Journal of Obesity</i> , 0, , .	3.4	0