

Claudio J Villanueva

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,046
citations

304743

22
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

3495
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose-tissue plasticity in health and disease. <i>Cell</i> , 2022, 185, 419-446.	28.9	252
2	T cell-mediated regulation of the microbiota protects against obesity. <i>Science</i> , 2019, 365, .	12.6	236
3	Global Analysis of Plasma Lipids Identifies Liver-Derived Acylcarnitines as a Fuel Source for Brown Fat Thermogenesis. <i>Cell Metabolism</i> , 2017, 26, 509-522.e6.	16.2	185
4	Blocking VLDL secretion causes hepatic steatosis but does not affect peripheral lipid stores or insulin sensitivity in mice. <i>Journal of Lipid Research</i> , 2008, 49, 2038-2044.	4.2	136
5	Specific role for acyl CoA:Diacylglycerol acyltransferase 1 (Dgat1) in hepatic steatosis due to exogenous fatty acids. <i>Hepatology</i> , 2009, 50, 434-442.	7.3	131
6	Adipose Subtype-Selective Recruitment of TLE3 or Prdm16 by PPAR β Specifies Lipid Storage versus Thermogenic Gene Programs. <i>Cell Metabolism</i> , 2013, 17, 423-435.	16.2	128
7	TLE3 Is a Dual-Function Transcriptional Coregulator of Adipogenesis. <i>Cell Metabolism</i> , 2011, 13, 413-427.	16.2	119
8	Regulation of Tumor Initiation by the Mitochondrial Pyruvate Carrier. <i>Cell Metabolism</i> , 2020, 31, 284-300.e7.	16.2	103
9	Inhibition of Adipocyte Differentiation by Nur77, Nurr1, and Nor1. <i>Molecular Endocrinology</i> , 2008, 22, 2596-2608.	3.7	74
10	Dynamic and distinct histone modifications modulate the expression of key adipogenesis regulatory genes. <i>Cell Cycle</i> , 2012, 11, 4310-4322.	2.6	65
11	Inhibitor of DNA Binding 2 Is a Small Molecule-Inducible Modulator of Peroxisome Proliferator-Activated Receptor- β Expression and Adipocyte Differentiation. <i>Molecular Endocrinology</i> , 2008, 22, 2038-2048.	3.7	62
12	Estrogen Receptor (ER) α -regulated Lipocalin 2 Expression in Adipose Tissue Links Obesity with Breast Cancer Progression. <i>Journal of Biological Chemistry</i> , 2015, 290, 5566-5581.	3.4	61
13	Induction of thermogenic adipocytes: molecular targets and thermogenic small molecules. <i>Experimental and Molecular Medicine</i> , 2017, 49, e353-e353.	7.7	58
14	Drosophila HNF4 Directs a Switch in Lipid Metabolism that Supports the Transition to Adulthood. <i>Developmental Cell</i> , 2019, 48, 200-214.e6.	7.0	51
15	Anti-inflammatory microRNA-146a protects mice from diet-induced metabolic disease. <i>PLoS Genetics</i> , 2019, 15, e1007970.	3.5	48
16	Targeted deletion of Tcf7l2 in adipocytes promotes adipocyte hypertrophy and impaired glucose metabolism. <i>Molecular Metabolism</i> , 2019, 24, 44-63.	6.5	46
17	Mitochondrial pyruvate carrier is required for optimal brown fat thermogenesis. <i>ELife</i> , 2020, 9, .	6.0	45
18	Mitochondrial cardiomyopathies feature increased uptake and diminished efflux of mitochondrial calcium. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 113, 22-32.	1.9	42

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19	RNA-binding protein PSPC1 promotes the differentiation-dependent nuclear export of adipocyte RNAs. <i>Journal of Clinical Investigation</i> , 2017, 127, 987-1004.	8.2	33
20	Effects of DGAT1 deficiency on energy and glucose metabolism are independent of adiponectin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E388-E394.	3.5	30
21	Phospholipid methylation regulates muscle metabolic rate through Ca ²⁺ transport efficiency. <i>Nature Metabolism</i> , 2019, 1, 876-885.	11.9	30
22	Loss of TLE3 promotes the mitochondrial program in beige adipocytes and improves glucose metabolism. <i>Genes and Development</i> , 2019, 33, 747-762.	5.9	26
23	The E3 ligase MARCH5 is a PPAR α target gene that regulates mitochondria and metabolism in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E293-E304.	3.5	19
24	PI3Ka-Akt1-mediated Prdm4 induction in adipose tissue increases energy expenditure, inhibits weight gain, and improves insulin resistance in diet-induced obese mice. <i>Cell Death and Disease</i> , 2018, 9, 876.	6.3	17
25	Licensing PPAR α to Work in Macrophages. <i>Immunity</i> , 2010, 33, 647-649.	14.3	16
26	Pask integrates hormonal signaling with histone modification via Wdr5 phosphorylation to drive myogenesis. <i>ELife</i> , 2016, 5, .	6.0	16
27	A Hepatocyte FOXN3- β Cell Glucagon Axis Regulates Fasting Glucose. <i>Cell Reports</i> , 2018, 24, 312-319.	6.4	10
28	Identification of Phf16 and Pnpla3 as new adipogenic factors regulated by phytochemicals. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3599-3610.	2.6	4
29	Finding a Needle in a Haystack: Identification of a Beige Fat Progenitor. <i>Cell</i> , 2020, 182, 537-539.	28.9	2
30	When fat talks, the gut listens: IRONing out metabolism. <i>Cell Metabolism</i> , 2021, 33, 1505-1506.	16.2	0