

Marc Claret

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1325017/publications.pdf>

Version: 2024-02-01

19
papers

1,531
citations

840776

11
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

2384
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPK is essential for energy homeostasis regulation and glucose sensing by POMC and AgRP neurons. <i>Journal of Clinical Investigation</i> , 2007, 117, 2325-2336.	8.2	445
2	Mitofusin 2 in POMC Neurons Connects ER Stress with Leptin Resistance and Energy Imbalance. <i>Cell</i> , 2013, 155, 172-187.	28.9	429
3	Mitochondrial Dynamics Mediated by Mitofusin 1 Is Required for POMC Neuron Glucose-Sensing and Insulin Release Control. <i>Cell Metabolism</i> , 2017, 25, 1390-1399.e6.	16.2	106
4	Developmental and Tumor Angiogenesis Requires the Mitochondria-Shaping Protein Opa1. <i>Cell Metabolism</i> , 2020, 31, 987-1003.e8.	16.2	101
5	POMC neuronal heterogeneity in energy balance and beyond: an integrated view. <i>Nature Metabolism</i> , 2021, 3, 299-308.	11.9	80
6	Deletion of miRNA processing enzyme Dicer in POMC-expressing cells leads to pituitary dysfunction, neurodegeneration and development of obesity. <i>Molecular Metabolism</i> , 2013, 2, 74-85.	6.5	79
7	Endothelial Cells: New Players in Obesity and Related Metabolic Disorders. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 781-794.	7.1	59
8	Hypothalamic Control of Systemic Glucose Homeostasis: The Pancreas Connection. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 581-594.	7.1	59
9	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. <i>Nature Communications</i> , 2018, 9, 3432.	12.8	41
10	Mitochondrial cristae-remodeling protein OPA1 in POMC neurons couples Ca ²⁺ homeostasis with adipose tissue lipolysis. <i>Cell Metabolism</i> , 2021, 33, 1820-1835.e9.	16.2	32
11	Angiocrine polyamine production regulates adiposity. <i>Nature Metabolism</i> , 2022, 4, 327-343.	11.9	31
12	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. <i>Journal of Hepatology</i> , 2022, 76, 11-24.	3.7	16
13	Hypothalamic pregnenolone mediates recognition memory in the context of metabolic disorders. <i>Cell Metabolism</i> , 2022, 34, 269-284.e9.	16.2	13
14	Food craving-like episodes during pregnancy are mediated by accumbal dopaminergic circuits. <i>Nature Metabolism</i> , 2022, 4, 424-434.	11.9	13
15	Pro-opiomelanocortin (POMC) neuron translatoe signatures underlying obesogenic gestational malprogramming in mice. <i>Molecular Metabolism</i> , 2020, 36, 100963.	6.5	12
16	Sirt3 in POMC neurons controls energy balance in a sex- and diet-dependent manner. <i>Redox Biology</i> , 2021, 41, 101945.	9.0	9
17	BACE2 suppression in mice aggravates the adverse metabolic consequences of an obesogenic diet. <i>Molecular Metabolism</i> , 2021, 53, 101251.	6.5	4
18	Cooperative tanycytes fuel the neuronal tank. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	2

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19	A question of identity: Tbx3 carries the POMC flag. <i>Nature Metabolism</i> , 2019, 1, 175-176.	11.9	0