

Louis Casteilla

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2225625/publications.pdf>

Version: 2024-02-01

17
papers

897
citations

759055

12
h-index

996849

15
g-index

17
all docs

17
docs citations

17
times ranked

1370
citing authors

#	ARTICLE	IF	CITATIONS
1	Browning of White Adipose Cells by Intermediate Metabolites: An Adaptive Mechanism to Alleviate Redox Pressure. <i>Diabetes</i> , 2014, 63, 3253-3265.	0.3	220
2	Reconstitution of lethally irradiated mice by cells isolated from adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 1016-1022.	1.0	194
3	Adipose Tissue as a Dedicated Reservoir of Functional Mast Cell Progenitors. <i>Stem Cells</i> , 2010, 28, 2065-2072.	1.4	107
4	Mast cells regulate myofilament calcium sensitization and heart function after myocardial infarction. <i>Journal of Experimental Medicine</i> , 2016, 213, 1353-1374.	4.2	97
5	Lactate induces FGF21 expression in adipocytes through a p38-MAPK pathway. <i>Biochemical Journal</i> , 2016, 473, 685-692.	1.7	51
6	Regionalization of browning revealed by whole subcutaneous adipose tissue imaging. <i>Obesity</i> , 2016, 24, 1081-1089.	1.5	46
7	A New Role for Browning as a Redox and Stress Adaptive Mechanism?. <i>Frontiers in Endocrinology</i> , 2015, 6, 158.	1.5	40
8	In situ production of innate immune cells in murine white adipose tissue. <i>Blood</i> , 2012, 120, 4952-4962.	0.6	26
9	The emerging roles of lactate as a redox substrate and signaling molecule in adipose tissues. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 241-250.	1.3	26
10	Lactate Fluxes and Plasticity of Adipose Tissues: A Redox Perspective. <i>Frontiers in Physiology</i> , 2021, 12, 689747.	1.3	26
11	3D analysis of the whole subcutaneous adipose tissue reveals a complex spatial network of interconnected lobules with heterogeneous browning ability. <i>Scientific Reports</i> , 2019, 9, 6684.	1.6	23
12	Lactate fluxes mediated by the monocarboxylate transporter-1 are key determinants of the metabolic activity of beige adipocytes. <i>Journal of Biological Chemistry</i> , 2021, 296, 100137.	1.6	22
13	Maternal exercise before and during gestation modifies liver and muscle mitochondria in rat offspring. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	7
14	Driving regeneration, instead of healing, in adult mammals: the decisive role of resident macrophages through efferocytosis. <i>Npj Regenerative Medicine</i> , 2021, 6, 41.	2.5	6
15	Systemic Periodontal Risk Score Using an Innovative Machine Learning Strategy: An Observational Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 217.	1.1	6
16	The hematopoietic potential of stem cells from the adipose tissue. , 2022, , 415-426.		0
17	Stimuler les tissus adipeux bruns et beiges: un levier thérapeutique?. <i>Medicine Des Maladies Metaboliques</i> , 2021, 15, 753-753.	0.1	0