

# Louis Casteilla

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

678  
citations

10  
h-index

17  
g-index

17  
ext. papers

779  
ext. citations

5.3  
avg, IF

3.26  
L-index

#	Paper	IF	Citations
17	Reconstitution of lethally irradiated mice by cells isolated from adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 301, 1016-22	3.4	177
16	Browning of white adipose cells by intermediate metabolites: an adaptive mechanism to alleviate redox pressure. <i>Diabetes</i> , <b>2014</b> , 63, 3253-65	0.9	175
15	Adipose tissue as a dedicated reservoir of functional mast cell progenitors. <i>Stem Cells</i> , <b>2010</b> , 28, 2065-72	5.8	86
14	Mast cells regulate myofilament calcium sensitization and heart function after myocardial infarction. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1353-74	16.6	70
13	Lactate induces FGF21 expression in adipocytes through a p38-MAPK pathway. <i>Biochemical Journal</i> , <b>2016</b> , 473, 685-92	3.8	34
12	A New Role for Browning as a Redox and Stress Adaptive Mechanism?. <i>Frontiers in Endocrinology</i> , <b>2015</b> , 6, 158	5.7	34
11	Regionalization of browning revealed by whole subcutaneous adipose tissue imaging. <i>Obesity</i> , <b>2016</b> , 24, 1081-9	8	31
10	In situ production of innate immune cells in murine white adipose tissue. <i>Blood</i> , <b>2012</b> , 120, 4952-62	2.2	24
9	3D analysis of the whole subcutaneous adipose tissue reveals a complex spatial network of interconnected lobules with heterogeneous browning ability. <i>Scientific Reports</i> , <b>2019</b> , 9, 6684	4.9	17
8	The emerging roles of lactate as a redox substrate and signaling molecule in adipose tissues. <i>Journal of Physiology and Biochemistry</i> , <b>2020</b> , 76, 241-250	5	10
7	Lactate fluxes mediated by the monocarboxylate transporter-1 are key determinants of the metabolic activity of beige adipocytes. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100137	5.4	9
6	Maternal exercise before and during gestation modifies liver and muscle mitochondria in rat offspring. <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	5
5	Driving regeneration, instead of healing, in adult mammals: the decisive role of resident macrophages through efferocytosis. <i>Npj Regenerative Medicine</i> , <b>2021</b> , 6, 41	15.8	3
4	Lactate Fluxes and Plasticity of Adipose Tissues: A Redox Perspective. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 689747	4.6	2
3	Systemic Periodontal Risk Score Using an Innovative Machine Learning Strategy: An Observational Study.. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	1
2	Stimuler les tissus adipeux bruns et beiges: un levier thérapeutique?. <i>Medecine Des Maladies Metaboliques</i> , <b>2021</b> , 15, 753-753	0.1	
1	The hematopoietic potential of stem cells from the adipose tissue <b>2022</b> , 415-426		

