Myriam Aouadi

List of Publications by Year
in descending order

35 papers	2,684 citations	304743 22 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	4299 citing authors

#	Article	IF	Citations
1	Orally delivered siRNA targeting macrophage Map4k4 suppresses systemic inflammation. Nature, 2009, 458, 1180-1184.	27.8	506
2	Local Proliferation of Macrophages Contributes to Obesity-Associated Adipose Tissue Inflammation. Cell Metabolism, 2014, 19, 162-171.	16.2	486
3	Insulin signalling mechanisms for triacylglycerol storage. Diabetologia, 2013, 56, 949-964.	6.3	204
4	Gene silencing in adipose tissue macrophages regulates whole-body metabolism in obese mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8278-8283.	7.1	132
5	Glutamine Links Obesity to Inflammation in Human White Adipose Tissue. Cell Metabolism, 2020, 31, 375-390.e11.	16.2	128
6	Extracellular vesicles in metabolic disease. Diabetologia, 2019, 62, 2179-2187.	6.3	118
7	A subset of Kupffer cells regulates metabolism through the expression of CD36. Immunity, 2021, 54, 2101-2116.e6.	14.3	99
8	Glucan particles for selective delivery of siRNA to phagocytic cells in mice. Biochemical Journal, 2011, 436, 351-362.	3.7	98
9	Obesity and hyperinsulinemia drive adipocytes to activate a cell cycle program and senesce. Nature Medicine, 2021, 27, 1941-1953.	30.7	79
10	Lipid storage by adipose tissue macrophages regulates systemic glucose tolerance. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E374-E383.	3.5	73
11	Macrophage functional diversity in NAFLD â€" more than inflammation. Nature Reviews Endocrinology, 2022, 18, 461-472.	9.6	73
12	Liver macrophages regulate systemic metabolism through non-inflammatory factors. Nature Metabolism, 2019, 1, 445-459.	11.9	72
13	Liver innate immune cells and insulin resistance: the multiple facets of Kupffer cells. Journal of Internal Medicine, 2016, 280, 209-220.	6.0	68
14	Isolation of Kupffer Cells and Hepatocytes from a Single Mouse Liver. Methods in Molecular Biology, 2017, 1639, 161-171.	0.9	62
15	Activated Kupffer cells inhibit insulin sensitivity in obese mice. FASEB Journal, 2015, 29, 2959-2969.	0.5	54
16	Single cell transcriptomics suggest that human adipocyte progenitor cells constitute a homogeneous cell population. Stem Cell Research and Therapy, 2017, 8, 250.	5.5	53
17	Accelerated phosphatidylcholine turnover in macrophages promotes adipose tissue inflammation in obesity. ELife, 2019, 8, .	6.0	46
18	Macrophage heterogeneity and energy metabolism. Experimental Cell Research, 2017, 360, 35-40.	2.6	45

#	Article	IF	Citations
19	Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. Science Translational Medicine, 2020, 12, .	12.4	43
20	Hepatic miR-144 Drives Fumarase Activity Preventing NRF2 Activation During Obesity. Gastroenterology, 2021, 161, 1982-1997.e11.	1.3	34
21	CCT3-LINC00326axis regulates hepatocarcinogenic lipid metabolism. Gut, 2022, 71, 2081-2092.	12.1	32
22	SARS-CoV-2 Nsp13 encodes for an HLA-E-stabilizing peptide that abrogates inhibition of NKG2A-expressing NK cells. Cell Reports, 2022, 38, 110503.	6.4	31
23	Decreasing CB1 receptor signaling in Kupffer cells improves insulin sensitivity in obese mice. Molecular Metabolism, 2017, 6, 1517-1528.	6.5	30
24	The corepressors GPS2 and SMRT control enhancer and silencer remodeling via eRNA transcription during inflammatory activation of macrophages. Molecular Cell, 2021, 81, 953-968.e9.	9.7	27
25	Peptide- and Amine-Modified Glucan Particles for the Delivery of Therapeutic siRNA. Molecular Pharmaceutics, 2016, 13, 964-978.	4.6	22
26	Impaired phosphocreatine metabolism in white adipocytes promotes inflammation. Nature Metabolism, 2022, 4, 190-202.	11.9	21
27	Fed Macrophages Hit the Liverâ€™s Sweet Spot with IL-10. Molecular Cell, 2020, 79, 1-3.	9.7	16
28	Profiling of ob/ob mice skeletal muscle exosome-like vesicles demonstrates combined action of miRNAs, proteins and lipids to modulate lipid homeostasis in recipient cells. Scientific Reports, 2021, 11, 21626.	3.3	10
29	HIF-2Î± Blows Out the Flames of Adipose Tissue Macrophages to Keep Obesity in a Safe Zone. Diabetes, 2014, 63, 3169-3171.	0.6	6
30	Glucan-Encapsulated siRNA Particles (GeRPs) for Specific Gene Silencing in Adipose Tissue Macrophages. Methods in Molecular Biology, 2019, 1951, 49-57.	0.9	6
31	Immunotherapy for Infarcts: In Vivo Postinfarction Macrophage Modulation Using Intramyocardial Microparticle Delivery of Map4k4 Small Interfering RNA. BioResearch Open Access, 2020, 9, 258-268.	2.6	2
32	Kupffer Cell and Hepatocyte Isolation from a Single Mouse Liver by Gradient Centrifugation. Methods in Molecular Biology, 2020, 2164, 1-10.	0.9	2
33	Career pathways, part 2. Nature Metabolism, 2020, 2, 651-652.	11.9	0
34	Reply to GASTRO-D-21-03047: â€œThe insightful clarification of miR-144 mediated metabolic dysfunctionâ€• Gastroenterology, 2022, , .	1.3	0
35	To be or not to be a hepatic niche macrophage. Immunity, 2022, 55, 198-200.	14.3	0