Julie Massart

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.

36 papers	1,809 citations	19 h-index	40 g-index
40 ext. papers	2,263 ext. citations	7 avg, IF	4.71 L-index

#	Paper	IF	Citations
36	Drug-induced toxicity on mitochondria and lipid metabolism: mechanistic diversity and deleterious consequences for the liver. *Journal of Hepatology*, **2011**, 54, 773-94	13.4	353
35	Mitochondrial adaptations and dysfunctions in nonalcoholic fatty liver disease. *Hepatology*, **2013**, 58, 1497-507	11.2	338
34	High-fat diet reprograms the epigenome of rat spermatozoa and transgenerationally affects metabolism of the offspring. *Molecular Metabolism*, **2016**, 5, 184-197	8.8	217
33	Altered miR-29 Expression in Type 2 Diabetes Influences Glucose and Lipid Metabolism in Skeletal Muscle. *Diabetes*, **2017**, 66, 1807-1818	0.9	105
32	Prenatal androgen exposure and transgenerational susceptibility to polycystic ovary syndrome. *Nature Medicine*, **2019**, 25, 1894-1904	50.5	97
31	Pathology of the liver in obese and diabetic ob/ob and db/db mice fed a standard or high-calorie diet. *International Journal of Experimental Pathology*, **2011**, 92, 413-21	2.8	88
30	Role of nonalcoholic fatty liver disease as risk factor for drug-induced hepatotoxicity. *Journal of Clinical and Translational Research*, **2017**, 3, 212-232	1.1	64
29	Beta-aminoisobutyric acid prevents diet-induced obesity in mice with partial leptin deficiency. *Obesity*, **2008**, 16, 2053-67	8	61
28	Human Carboxylesterase 2 Reverses Obesity-Induced Diacylglycerol Accumulation and Glucose Intolerance. *Cell Reports*, **2017**, 18, 636-646	10.6	60
27	Chronic ethanol consumption lessens the gain of body weight, liver triglycerides, and diabetes in obese ob/ob mice. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 331, 23-34	4.7	38
26	High concentrations of stavudine impair fatty acid oxidation without depleting mitochondrial DNA in cultured rat hepatocytes. *Toxicology in Vitro*, **2008**, 22, 887-98	3.6	35
25	The ZBED6-IGF2 axis has a major effect on growth of skeletal muscle and internal organs in placental mammals. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E2048-E2057	11.5	28
24	Drug-Induced Inhibition of Mitochondrial Fatty Acid Oxidation and Steatosis. *Current Pathobiology Reports*, **2013**, 1, 147-157	2	27
23	Proteasome inhibition in skeletal muscle cells unmasks metabolic derangements in type 2 diabetes. *American Journal of Physiology - Cell Physiology*, **2014**, 307, C774-87	5.4	26
22	microManaging glucose and lipid metabolism in skeletal muscle: Role of microRNAs. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2016**, 1861, 2130-2138	5	26
21	Effects of □aminoisobutyric acid on leptin production and lipid homeostasis: mechanisms and possible relevance for the prevention of obesity. *Fundamental and Clinical Pharmacology*, **2010**, 24, 269-82	3.1	24
20	Bioenergetic cues shift FXR splicing towards FXR□ to modulate hepatic lipolysis and fatty acid metabolism. *Molecular Metabolism*, **2015**, 4, 891-902	8.8	23

19	Diacylglycerol kinase- regulates AMPK signaling, lipid metabolism, and skeletal muscle energetics. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E51-60	6	22
18	Regulation of glucose uptake and inflammation markers by FOXO1 and FOXO3 in skeletal muscle. *Molecular Metabolism*, **2019**, 20, 79-88	8.8	20
17	TWIST1 and TWIST2 regulate glycogen storage and inflammatory genes in skeletal muscle. *Journal of Endocrinology*, **2015**, 224, 303-13	4.7	14
16	Mitochondrial dysfunction in nonalcoholic steatohepatitis (NASH): are there drugs able to improve it?. *Drug Discovery Today Disease Mechanisms*, **2009**, 6, e11-e23		14
15	Role of Diacylglycerol Kinases in Glucose and Energy Homeostasis. *Trends in Endocrinology and Metabolism*, **2019**, 30, 603-617	8.8	13
14	MicroRNA-208b progressively declines after spinal cord injury in humans and is inversely related to myostatin expression. *Physiological Reports*, **2015**, 3, e12622	2.6	12
13	Effects of high-fat diet and AMP-activated protein kinase modulation on the regulation of whole-body lipid metabolism. *Journal of Lipid Research*, **2018**, 59, 1276-1282	6.3	11
12	A simple and rapid method to characterize lipid fate in skeletal muscle. *BMC Research Notes*, **2014**, 7, 391	2.3	11
11	Profiling of human myotubes reveals an intrinsic proteomic signature associated with type 2 diabetes. *Translational Proteomics*, **2014**, 2, 25-38		10
10	Protein kinase N2 regulates AMP kinase signaling and insulin responsiveness of glucose metabolism in skeletal muscle. *American Journal of Physiology - Endocrinology and Metabolism*, **2017**, 313, E483-E491	6	10
9	DGK deficiency protects against peripheral insulin resistance and improves energy metabolism. *Journal of Lipid Research*, **2017**, 58, 2324-2333	6.3	10
8	Modified UCN2 Peptide Acts as an Insulin Sensitizer in Skeletal Muscle of Obese Mice. *Diabetes*, **2019**, 68, 1403-1414	0.9	9
7	Altered oxidative stress and antioxidant defence in skeletal muscle during the first year following spinal cord injury. *Physiological Reports*, **2019**, 7, e14218	2.6	9
6	Short-term low-calorie diet remodels skeletal muscle lipid profile and metabolic gene expression in obese adults. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 316, E178-E185	6	6
5	Modified UCN2 peptide treatment improves skeletal muscle mass and function in mouse models of obesity-induced insulin resistance. *Journal of Cachexia, Sarcopenia and Muscle*, **2021**, 12, 1232-1248	10.3	5
4	Drug-induced hepatic steatosis in absence of severe mitochondrial dysfunction in HepaRG cells: proof of multiple mechanism-based toxicity. *Cell Biology and Toxicology*, **2021**, 37, 151-175	7.4	4
3	Drug-Induced Mitochondrial Toxicity **2018**, 269-295		2
2	Endurance exercise training-responsive miR-19b-3p improves skeletal muscle glucose metabolism. *Nature Communications*, **2021**, 12, 5948	17.4	2

1 Mitochondrial Dysfunction Induced by Xenobiotics: Involvement in Steatosis and Steatohepatitis 1
2019, 347-364