Julie Massart

List of Publications by Year
in descending order

39 papers	2,612 citations	361388 20 h-index	315719 38 g-index
40 all docs	40 docs citations	40 times ranked	4775 citing authors

#	Article	IF	Citations
1	Mitochondrial adaptations and dysfunctions in nonalcoholic fatty liver disease. Hepatology, 2013, 58, 1497-1507.	7.3	454
2	Drug-induced toxicity on mitochondria and lipid metabolism: Mechanistic diversity and deleterious consequences for the liver. Journal of Hepatology, 2011, 54, 773-794.	3.7	450
3	High-fat diet reprograms the epigenome of rat spermatozoa and transgenerationally affects metabolism of the offspring. Molecular Metabolism, 2016, 5, 184-197.	6.5	317
4	Prenatal androgen exposure and transgenerational susceptibility to polycystic ovary syndrome. Nature Medicine, 2019, 25, 1894-1904.	30.7	193
5	Altered miR-29 Expression in Type 2 Diabetes Influences Glucose and Lipid Metabolism in Skeletal Muscle. Diabetes, 2017, 66, 1807-1818.	0.6	157
6	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, 413-421.	1.3	116
7	Human Carboxylesterase 2 Reverses Obesity-Induced Diacylglycerol Accumulation and Glucose Intolerance. Cell Reports, 2017, 18, 636-646.	6.4	91
8	Role of nonalcoholic fatty liver disease as risk factor for drug-induced hepatotoxicity. Journal of Clinical and Translational Research, 2017, 3, 212-232.	0.3	85
9	Î²â€Aminoisobutyric Acid Prevents Dietâ€induced Obesity in Mice With Partial Leptin Deficiency. Obesity, 2008, 16, 2053-2067.	3.0	77
10	The ZBED6â€“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.	7.1	48
11	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.	2.5	43
12	Drug-Induced Inhibition of Mitochondrial Fatty Acid Oxidation and Steatosis. Current Pathobiology Reports, 2013, 1, 147-157.	3.4	37
13	Regulation of glucose uptake and inflammation markers by FOXO1 and FOXO3 in skeletal muscle. Molecular Metabolism, 2019, 20, 79-88.	6.5	37
14	High concentrations of stavudine impair fatty acid oxidation without depleting mitochondrial DNA in cultured rat hepatocytes. Toxicology in Vitro, 2008, 22, 887-898.	2.4	36
15	Role of Mitochondrial Cytochrome P450 2E1 in Healthy and Diseased Liver. Cells, 2022, 11, 288.	4.1	34
16	Bioenergetic cues shift FXR splicing towards FXRÎ±2 to modulate hepatic lipolysis and fatty acid metabolism. Molecular Metabolism, 2015, 4, 891-902.	6.5	33
17	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.	2.4	33
18	Diacylglycerol kinase-Î´ regulates AMPK signaling, lipid metabolism, and skeletal muscle energetics. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E51-E60.	3.5	31

#	Article	IF	Citations
19	Effects of Î²â€aminoisobutyric acid on leptin production and lipid homeostasis: mechanisms and possible relevance for the prevention of obesity. Fundamental and Clinical Pharmacology, 2010, 24, 269-282.	1.9	28
20	Proteasome inhibition in skeletal muscle cells unmasks metabolic derangements in type 2 diabetes. American Journal of Physiology - Cell Physiology, 2014, 307, C774-C787.	4.6	28
21	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.	5.3	24
22	TWIST1 and TWIST2 regulate glycogen storage and inflammatory genes in skeletal muscle. Journal of Endocrinology, 2015, 224, 303-313.	2.6	21
23	Role of Diacylglycerol Kinases in Glucose and Energy Homeostasis. Trends in Endocrinology and Metabolism, 2019, 30, 603-617.	7.1	20
24	Endurance exercise training-responsive miR-19b-3p improves skeletal muscle glucose metabolism. Nature Communications, 2021, 12, 5948.	12.8	20
25	Xenobiotic-Induced Aggravation of Metabolic-Associated Fatty Liver Disease. International Journal of Molecular Sciences, 2022, 23, 1062.	4.1	19
26	Mitochondrial dysfunction in nonalcoholic steatohepatitis (NASH): are there drugs able to improve it?. Drug Discovery Today Disease Mechanisms, 2009, 6, e11-e23.	0.8	18
27	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.	3.5	18
28	Altered oxidative stress and antioxidant defence in skeletal muscle during the first year following spinal cord injury. Physiological Reports, 2019, 7, e14218.	1.7	18
29	Profiling of human myotubes reveals an intrinsic proteomic signature associated with type 2 diabetes. Translational Proteomics, 2014, 2, 25-38.	1.2	16
30	MicroRNA-208b progressively declines after spinal cord injury in humans and is inversely related to myostatin expression. Physiological Reports, 2015, 3, e12622.	1.7	15
31	Modified UCN2 Peptide Acts as an Insulin Sensitizer in Skeletal Muscle of Obese Mice. Diabetes, 2019, 68, 1403-1414.	0.6	15
32	DGKÎ¶ deficiency protects against peripheral insulin resistance and improves energy metabolism. Journal of Lipid Research, 2017, 58, 2324-2333.	4.2	14
33	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.	4.2	14
34	A simple and rapid method to characterize lipid fate in skeletal muscle. BMC Research Notes, 2014, 7, 391.	1.4	12
35	Cytochrome P450 2E1 should not be neglected for acetaminophen-induced liver injury in metabolic diseases with altered insulin levels or glucose homeostasis. Clinics and Research in Hepatology and Gastroenterology, 2021, 45, 101470.	1.5	12
36	Modified UCN2 peptide treatment improves skeletal muscle mass and function in mouse models of obesityâ€induced insulin resistance. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1232-1248.	7.3	11

#	Article	IF	Citations
37	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.	3.5	8
38	Drug-Induced Mitochondrial Toxicity. , 2018, , 269-295.		4
39	Mitochondrial Dysfunction Induced by Xenobiotics: Involvement in Steatosis and Steatohepatitis. , 2019, , 347-364.		1