Marie-Soleil Gauthier

List of Publications by Year
in descending order

23 papers	1,580 citations	471371 17 h-index	642610 23 g-index
23 all docs	23 docs citations	23 times ranked	2963 citing authors

#	Article	IF	Citations
1	POLR3-related leukodystrophy: How do mutations affecting RNA polymerase III subunits cause hypomyelination?. Faculty Reviews, 2021, 10, 12.	1.7	7
2	Analysis of the SARS-CoV-2-host protein interaction network reveals new biology and drug candidates: focus on the spike surface glycoprotein and RNA polymerase. Expert Opinion on Drug Discovery, 2021, 16, 1-15.	2.5	6
3	Variants in LSM7 impair LSM complexes assembly, neurodevelopment in zebrafish and may be associated with an ultra-rare neurological disease. Human Genetics and Genomics Advances, 2021, 2, 100034.	1.0	3
4	De novo variants in POLR3B cause ataxia, spasticity, and demyelinating neuropathy. American Journal of Human Genetics, 2021, 108, 186-193.	2.6	19
5	Upstream ORF-Encoded ASDURF Is a Novel Prefoldin-like Subunit of the PAQosome. Journal of Proteome Research, 2020, 19, 18-27.	1.8	37
6	Ser-Phosphorylation of PCSK9 (Proprotein Convertase Subtilisin-Kexin 9) by Fam20C (Family With) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	36
7	The leukodystrophy mutation Polr3b R103H causes homozygote mouse embryonic lethality and impairs RNA polymerase III biogenesis. Molecular Brain, 2019, 12, 59.	1.3	24
8	Posttranslational modification of proprotein convertase subtilisin/kexin type 9 is differentially regulated in response to distinct cardiometabolic treatments as revealed by targeted proteomics. Journal of Clinical Lipidology, 2018, 12, 1027-1038.	0.6	10
9	Bi-allelic Mutations in EPRS, Encoding the Glutamyl-Prolyl-Aminoacyl-tRNA Synthetase, Cause a Hypomyelinating Leukodystrophy. American Journal of Human Genetics, 2018, 102, 676-684.	2.6	58
10	A semi-automated mass spectrometric immunoassay coupled to selected reaction monitoring (MSIAâ€“SRM) reveals novel relationships between circulating PCSK9 and metabolic phenotypes in patient cohorts. Methods, 2015, 81, 66-73.	1.9	23
11	Increased Subcutaneous Adipose Tissue Expression of Genes Involved in Glycerolipid-Fatty Acid Cycling in Obese Insulin-Resistant Versus -Sensitive Individuals. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2518-E2528.	1.8	16
12	The Metabolically Healthy But Obese Phenotype Is Associated With Lower Plasma Levels of Persistent Organic Pollutants as Compared to the Metabolically Abnormal Obese Phenotype. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1061-E1066.	1.8	46
13	Insulin sensitive and resistant obesity in humans: AMPK activity, oxidative stress, and depot-specific changes in gene expression in adipose tissue. Journal of Lipid Research, 2012, 53, 792-801.	2.0	179
14	A novel inverse relationship between metformin-triggered AMPK-SIRT1 signaling and p53 protein abundance in high glucose-exposed HepG2 cells. American Journal of Physiology - Cell Physiology, 2012, 303, C4-C13.	2.1	71
15	Decreased AMP-activated protein kinase activity is associated with increased inflammation in visceral adipose tissue and with whole-body insulin resistance in morbidly obese humans. Biochemical and Biophysical Research Communications, 2011, 404, 382-387.	1.0	189
16	Adipose tissue inflammation and insulin resistance: all obese humans are not created equal. Biochemical Journal, 2010, 430, e1-e4.	1.7	30
17	Activation of AMPâ€activated protein kinase signaling pathway by adiponectin and insulin in mouse adipocytes: requirement of acylâ€CoA synthetases FATP1 and Acsl1 and association with an elevation in AMP/ATP ratio. FASEB Journal, 2010, 24, 4229-4239.	0.2	59
18	Activation of AMP-Activated Protein Kinase by Interleukin-6 in Rat Skeletal Muscle. Diabetes, 2009, 58, 1953-1960.	0.3	133

#	Article	IF	Citations
19	Concurrent regulation of AMP-activated protein kinase and SIRT1 in mammalian cells. Biochemical and Biophysical Research Communications, 2009, 378, 836-841.	1.0	150
20	AMP-activated Protein Kinase Is Activated as a Consequence of Lipolysis in the Adipocyte. Journal of Biological Chemistry, 2008, 283, 16514-16524.	1.6	219
21	Effects of ingesting a high-fat diet upon exercise-training cessation on fat accretion in the liver and adipose tissue of rats. Applied Physiology, Nutrition and Metabolism, 2006, 31, 367-375.	0.9	20
22	Time course of the development of non-alcoholic hepatic steatosis in response to high-fat diet-induced obesity in rats. British Journal of Nutrition, 2006, 95, 273-281.	1.2	98
23	Concurrent exercise prevents high-fat-diet-induced macrovesicular hepatic steatosis. Journal of Applied Physiology, 2003, 94, 2127-2134.	1.2	147