Justin A Fletcher

List of Publications by Year
in descending order

32	1,465	394421	610901
papers	citations	19	24
		h-index	g-index

34	34	34	2533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitochondrial metabolism mediates oxidative stress and inflammation in fatty liver. Journal of Clinical Investigation, 2015, 125, 4447-4462.	8.2	320
2	Simvastatin Impairs Exercise Training Adaptations. Journal of the American College of Cardiology, 2013, 62, 709-714.	2.8	210
3	Pyruvate-Carboxylase-Mediated Anaplerosis Promotes Antioxidant Capacity by Sustaining TCA Cycle and Redox Metabolism in Liver. Cell Metabolism, 2019, 29, 1291-1305.e8.	16.2	135
4	Impaired ketogenesis and increased acetyl-CoA oxidation promote hyperglycemia in human fatty liver. JCI Insight, 2019, 4, .	5.0	110
5	Treating NAFLD in OLETF Rats with Vigorous-Intensity Interval Exercise Training. Medicine and Science in Sports and Exercise, 2015, 47, 556-567.	0.4	71
6	Combining metformin and aerobic exercise training in the treatment of type 2 diabetes and NAFLD in OLETF rats. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E300-E310.	3.5	68
7	Intrinsic aerobic capacity impacts susceptibility to acute high-fat diet-induced hepatic steatosis. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E355-E364.	3.5	58
8	The role of angiotensin II in nonalcoholic steatohepatitis. Molecular and Cellular Endocrinology, 2013, 378, 29-40.	3.2	57
9	Gestational exercise protects adult male offspring from high-fat diet-induced hepatic steatosis. Journal of Hepatology, 2016, 64, 171-178.	3.7	52
10	Impact of Various Exercise Modalities on Hepatic Mitochondrial Function. Medicine and Science in Sports and Exercise, 2014, 46, 1089-1097.	0.4	48
11	Modulating fibroblast growth factor 21 in hyperphagic OLETF rats with daily exercise and caloric restriction. Applied Physiology, Nutrition and Metabolism, 2012, 37, 1054-1062.	1.9	41
12	Hepatic TM6SF2 Is Required for Lipidation of VLDL in a Pre-Golgi Compartment in Mice and Rats. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 879-899.	4.5	36
13	Combining metformin therapy with caloric restriction for the management of type 2 diabetes and nonalcoholic fatty liver disease in obese rats. Applied Physiology, Nutrition and Metabolism, 2015, 40, 1038-1047.	1.9	35
14	Aerobic capacity mediates susceptibility for the transition from steatosis to steatohepatitis. Journal of Physiology, 2017, 595, 4909-4926.	2.9	28
15	Aerobic capacity and hepatic mitochondrial lipid oxidation alters susceptibility for chronic high-fat diet-induced hepatic steatosis. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E749-E760.	3.5	26
16	Fibroblast growth factor 21 and exercise-induced hepatic mitochondrial adaptations. American Journal of Physiology - Renal Physiology, 2016, 310, G832-G843.	3.4	24
17	Simultaneous tracers and a unified model of positional and mass isotopomers for quantification of metabolic flux in liver. Metabolic Engineering, 2020, 59, 1-14.	7.0	24
18	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. Journal of Endocrinology, 2017, 235, 97-109.	2.6	22

#	Article	IF	Citations
19	Silencing alanine transaminase 2 in diabetic liver attenuates hyperglycemia by reducing gluconeogenesis from amino acids. Cell Reports, 2022, 39, 110733.	6.4	18
20	Fibroblast growth factor 21 increases hepatic oxidative capacity but not physical activity or energy expenditure in hepatic peroxisome proliferatorâ€activated receptor Î³ coactivatorâ€1Î±â€deficient mice. Experimental Physiology, 2018, 103, 408-418.	2.0	17
21	The effects of improved metabolic risk factors on bone turnover markers after 12 weeks of simvastatin treatment with or without exercise. Metabolism: Clinical and Experimental, 2014, 63, 1398-1408.	3.4	14
22	A return to ad libitum feeding following caloric restriction promotes hepatic steatosis in hyperphagic OLETF rats. American Journal of Physiology - Renal Physiology, 2016, 311, G387-G395.	3.4	7
23	Voluntary wheelâ€running improves metabolic flexibility in the liver. FASEB Journal, 2012, 26, lb719.	0.5	1
24	Exercise Normalizes Dysfunctional Adipose Tissue Phenotype in FGF21-Null Mice. Medicine and Science in Sports and Exercise, 2017, 49, 1028.	0.4	0
25	Improved efficacy of metformin therapy when combined with caloric restriction in the treatment of type 2 diabetes and NAFLD in OLETF rats (LB743). FASEB Journal, 2014, 28, LB743.	0.5	0
26	Hepatic Mitochondrial Content And Function In Rats Selectively Bred For High Vs. Low Voluntary Running. Medicine and Science in Sports and Exercise, 2014, 46, 364.	0.4	0
27	Exercise of Different Intensities Alter Hepatic mRNA Expression of M1/M2 Polarization Markers in OLETF Rats. Medicine and Science in Sports and Exercise, 2014, 46, 917.	0.4	0
28	Simultaneous 2H and 13C Metabolic Flux Analysis of Liver Metabolism Using NMR and GC-MSâ€”Methods Validation and New Applications. Diabetes, 2018, 67, 1876-P.	0.6	0
29	Effects of NAFLD on Acetyl-CoA Partitioning and Ketone Kinetics in Response to a 24-Hour Fast. Diabetes, 2018, 67, .	0.6	0
30	204-OR: Inhibition of Hepatic ACC on a High-Fat Diet Results in Hyperglycemia and Hepatomegaly Due to Excess Energy Generation. Diabetes, 2020, 69, .	0.6	0
31	368-OR: Activation of Hepatic Gluconeogenesis Is Required to Suppress DNL and Stimulate Ketogenesis during Fasting. Diabetes, 2020, 69, .	0.6	0
32	1809-P: Liver Pyruvate Carboxylase Knockout Mice Suggest Noncanonical Sources of Acetyl-CoA for Hepatic Lipid Synthesis. Diabetes, 2020, 69, 1809-P.	0.6	0