

Justin A Fletcher

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,465
citations

393982

19
h-index

610482

24
g-index

34
all docs

34
docs citations

34
times ranked

2533
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial metabolism mediates oxidative stress and inflammation in fatty liver. <i>Journal of Clinical Investigation</i> , 2015, 125, 4447-4462.	3.9	320
2	Simvastatin Impairs Exercise Training Adaptations. <i>Journal of the American College of Cardiology</i> , 2013, 62, 709-714.	1.2	210
3	Pyruvate-Carboxylase-Mediated Anaplerosis Promotes Antioxidant Capacity by Sustaining TCA Cycle and Redox Metabolism in Liver. <i>Cell Metabolism</i> , 2019, 29, 1291-1305.e8.	7.2	135
4	Impaired ketogenesis and increased acetyl-CoA oxidation promote hyperglycemia in human fatty liver. <i>JCI Insight</i> , 2019, 4, .	2.3	110
5	Treating NAFLD in OLETF Rats with Vigorous-Intensity Interval Exercise Training. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 556-567.	0.2	71
6	Combining metformin and aerobic exercise training in the treatment of type 2 diabetes and NAFLD in OLETF rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E300-E310.	1.8	68
7	Intrinsic aerobic capacity impacts susceptibility to acute high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E355-E364.	1.8	58
8	The role of angiotensin II in nonalcoholic steatohepatitis. <i>Molecular and Cellular Endocrinology</i> , 2013, 378, 29-40.	1.6	57
9	Gestational exercise protects adult male offspring from high-fat diet-induced hepatic steatosis. <i>Journal of Hepatology</i> , 2016, 64, 171-178.	1.8	52
10	Impact of Various Exercise Modalities on Hepatic Mitochondrial Function. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1089-1097.	0.2	48
11	Modulating fibroblast growth factor 21 in hyperphagic OLETF rats with daily exercise and caloric restriction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 1054-1062.	0.9	41
12	Hepatic TM6SF2 Is Required for Lipidation of VLDL in a Pre-Golgi Compartment in Mice and Rats. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 879-899.	2.3	36
13	Combining metformin therapy with caloric restriction for the management of type 2 diabetes and nonalcoholic fatty liver disease in obese rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 1038-1047.	0.9	35
14	Aerobic capacity mediates susceptibility for the transition from steatosis to steatohepatitis. <i>Journal of Physiology</i> , 2017, 595, 4909-4926.	1.3	28
15	Aerobic capacity and hepatic mitochondrial lipid oxidation alters susceptibility for chronic high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E749-E760.	1.8	26
16	Fibroblast growth factor 21 and exercise-induced hepatic mitochondrial adaptations. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G832-G843.	1.6	24
17	Simultaneous tracers and a unified model of positional and mass isotopomers for quantification of metabolic flux in liver. <i>Metabolic Engineering</i> , 2020, 59, 1-14.	3.6	24
18	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. <i>Journal of Endocrinology</i> , 2017, 235, 97-109.	1.2	22

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19	Silencing alanine transaminase 2 in diabetic liver attenuates hyperglycemia by reducing gluconeogenesis from amino acids. <i>Cell Reports</i> , 2022, 39, 110733.	2.9	18
20	Fibroblast growth factor 21 increases hepatic oxidative capacity but not physical activity or energy expenditure in hepatic peroxisome proliferator-activated receptor β coactivator 1-deficient mice. <i>Experimental Physiology</i> , 2018, 103, 408-418.	0.9	17
21	The effects of improved metabolic risk factors on bone turnover markers after 12 weeks of simvastatin treatment with or without exercise. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1398-1408.	1.5	14
22	A return to ad libitum feeding following caloric restriction promotes hepatic steatosis in hyperphagic OLETF rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G387-G395.	1.6	7
23	Voluntary wheel-running improves metabolic flexibility in the liver. <i>FASEB Journal</i> , 2012, 26, lb719.	0.2	1
24	Exercise Normalizes Dysfunctional Adipose Tissue Phenotype in FGF21-Null Mice. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1028.	0.2	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). <i>FASEB Journal</i> , 2014, 28, LB743.	0.2	0
26	Hepatic Mitochondrial Content And Function In Rats Selectively Bred For High Vs. Low Voluntary Running. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 364.	0.2	0
27	Exercise of Different Intensities Alter Hepatic mRNA Expression of M1/M2 Polarization Markers in OLETF Rats. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 917.	0.2	0
28	Simultaneous 2H and 13C Metabolic Flux Analysis of Liver Metabolism Using NMR and GC-MS Methods Validation and New Applications. <i>Diabetes</i> , 2018, 67, 1876-P.	0.3	0
29	Effects of NAFLD on Acetyl-CoA Partitioning and Ketone Kinetics in Response to a 24-Hour Fast. <i>Diabetes</i> , 2018, 67, .	0.3	0
30	204-OR: Inhibition of Hepatic ACC on a High-Fat Diet Results in Hyperglycemia and Hepatomegaly Due to Excess Energy Generation. <i>Diabetes</i> , 2020, 69, .	0.3	0
31	368-OR: Activation of Hepatic Gluconeogenesis Is Required to Suppress DNL and Stimulate Ketogenesis during Fasting. <i>Diabetes</i> , 2020, 69, .	0.3	0
32	1809-P: Liver Pyruvate Carboxylase Knockout Mice Suggest Noncanonical Sources of Acetyl-CoA for Hepatic Lipid Synthesis. <i>Diabetes</i> , 2020, 69, 1809-P.	0.3	0