

# Justin A Fletcher

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,465  
citations

394421

19  
h-index

610901

24  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2533  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Silencing alanine transaminase 2 in diabetic liver attenuates hyperglycemia by reducing gluconeogenesis from amino acids. Cell Reports, 2022, 39, 110733.	6.4	18
3	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
4	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
5	368-OR: Activation of Hepatic Gluconeogenesis Is Required to Suppress DNL and Stimulate Ketogenesis during Fasting. Diabetes, 2020, 69, .	0.6	0
6	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
7	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
8	Impaired ketogenesis and increased acetyl-CoA oxidation promote hyperglycemia in human fatty liver. JCI Insight, 2019, 4, .	5.0	110
9	Fibroblast growth factor 21 increases hepatic oxidative capacity but not physical activity or energy expenditure in hepatic peroxisome proliferator-activated receptor $\beta$ coactivator 1-deficient mice. Experimental Physiology, 2018, 103, 408-418.	2.0	17
10	Simultaneous 2H and 13C Metabolic Flux Analysis of Liver Metabolism Using NMR and GC-MS Methods Validation and New Applications. Diabetes, 2018, 67, 1876-P.	0.6	0
11	Effects of NAFLD on Acetyl-CoA Partitioning and Ketone Kinetics in Response to a 24-Hour Fast. Diabetes, 2018, 67, .	0.6	0
12	Aerobic capacity mediates susceptibility for the transition from steatosis to steatohepatitis. Journal of Physiology, 2017, 595, 4909-4926.	2.9	28
13	Exercise Normalizes Dysfunctional Adipose Tissue Phenotype in FGF21-Null Mice. Medicine and Science in Sports and Exercise, 2017, 49, 1028.	0.4	0
14	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. Journal of Endocrinology, 2017, 235, 97-109.	2.6	22
15	Fibroblast growth factor 21 and exercise-induced hepatic mitochondrial adaptations. American Journal of Physiology - Renal Physiology, 2016, 310, G832-G843.	3.4	24
16	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
17	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
18	Gestational exercise protects adult male offspring from high-fat diet-induced hepatic steatosis. Journal of Hepatology, 2016, 64, 171-178.	3.7	52

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19	Treating NAFLD in OLETF Rats with Vigorous-Intensity Interval Exercise Training. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 556-567.	0.4	71
20	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.	1.9	35
21	Mitochondrial metabolism mediates oxidative stress and inflammation in fatty liver. <i>Journal of Clinical Investigation</i> , 2015, 125, 4447-4462.	8.2	320
22	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.	3.4	14
23	Impact of Various Exercise Modalities on Hepatic Mitochondrial Function. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1089-1097.	0.4	48
24	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.	3.5	58
25	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.	3.5	68
26	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.	0.5	0
27	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.	0.4	0
28	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.	0.4	0
29	The role of angiotensin II in nonalcoholic steatohepatitis. <i>Molecular and Cellular Endocrinology</i> , 2013, 378, 29-40.	3.2	57
30	Simvastatin Impairs Exercise Training Adaptations. <i>Journal of the American College of Cardiology</i> , 2013, 62, 709-714.	2.8	210
31	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.	1.9	41
32	Voluntary wheelâ€running improves metabolic flexibility in the liver. <i>FASEB Journal</i> , 2012, 26, lb719.	0.5	1