

Justin A Fletcher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

973

citations

15

h-index

31

g-index

34

ext. papers

1,248

ext. citations

4.7

avg, IF

3.73

L-index

#	Paper	IF	Citations
28	Silencing alanine transaminase 2 in diabetic liver attenuates hyperglycemia by reducing gluconeogenesis from amino acids.. <i>Cell Reports</i> , 2022 , 39, 110733	10.6	1
27	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, 204-OR	0.9	
26	1809-P: Liver Pyruvate Carboxylase Knockout Mice Suggest Noncanonical Sources of Acetyl-CoA for Hepatic Lipid Synthesis. <i>Diabetes</i> , 2020 , 69, 1809-P	0.9	
25	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	9.7	12
24	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	24.6	64
23	Impaired ketogenesis and increased acetyl-CoA oxidation promote hyperglycemia in human fatty liver. <i>JCI Insight</i> , 2019 , 5,	9.9	54
22	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	0.9	
21	Effects of NAFLD on Acetyl-CoA Partitioning and Ketone Kinetics in Response to a 24-Hour Fast. <i>Diabetes</i> , 2018 , 67, 47-OR	0.9	
20	Fibroblast growth factor 21 increases hepatic oxidative capacity but not physical activity or energy expenditure in hepatic peroxisome proliferator-activated receptor α activator-1 deficient mice. <i>Experimental Physiology</i> , 2018 , 103, 408-418	2.4	7
19	Aerobic capacity mediates susceptibility for the transition from steatosis to steatohepatitis. <i>Journal of Physiology</i> , 2017 , 595, 4909-4926	3.9	21
18	Exercise Normalizes Dysfunctional Adipose Tissue Phenotype in FGF21-Null Mice. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1028	1.2	
17	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. <i>Journal of Endocrinology</i> , 2017 , 235, 97-109	4.7	15
16	Gestational exercise protects adult male offspring from high-fat diet-induced hepatic steatosis. <i>Journal of Hepatology</i> , 2016 , 64, 171-8	13.4	39
15	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, G387-95	5.1	7
14	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	6	18
13	Fibroblast growth factor 21 and exercise-induced hepatic mitochondrial adaptations. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G832-43	5.1	15
12	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, 1038-47	3	27

11	Treating NAFLD in OLETF rats with vigorous-intensity interval exercise training. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 556-67	1.2	50
10	Mitochondrial metabolism mediates oxidative stress and inflammation in fatty liver. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4447-62	15.9	234
9	Intrinsic aerobic capacity impacts susceptibility to acute high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E355-64	6	43
8	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, E300-10	6	53
7	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, 1398-408	12.7	11
6	Impact of various exercise modalities on hepatic mitochondrial function. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1089-97	1.2	31
5	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	0.9	
4	The role of angiotensin II in nonalcoholic steatohepatitis. <i>Molecular and Cellular Endocrinology</i> , 2013 , 378, 29-40	4.4	44
3	Simvastatin impairs exercise training adaptations. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 709-14	15.1	171
2	Modulating fibroblast growth factor 21 in hyperphagic OLETF rats with daily exercise and caloric restriction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 1054-62	3	28
1	Voluntary wheel-running improves metabolic flexibility in the liver. <i>FASEB Journal</i> , 2012 , 26, lb719	0.9	1