

Elias Björnson

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,330
citations

471509

17
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

2522
citing authors

#	ARTICLE	IF	CITATIONS
1	An Integrated Understanding of the Rapid Metabolic Benefits of a Carbohydrate-Restricted Diet on Hepatic Steatosis in Humans. <i>Cell Metabolism</i> , 2018, 27, 559-571.e5.	16.2	321
2	Personal model-assisted identification of NAD ⁺ and Glutathione metabolism as intervention target in NAFLD. <i>Molecular Systems Biology</i> , 2017, 13, 916.	7.2	147
3	Integrated Network Analysis Reveals an Association between Plasma Mannose Levels and Insulin Resistance. <i>Cell Metabolism</i> , 2016, 24, 172-184.	16.2	133
4	Stratification of Hepatocellular Carcinoma Patients Based on Acetate Utilization. <i>Cell Reports</i> , 2015, 13, 2014-2026.	6.4	113
5	Liraglutide treatment improves postprandial lipid metabolism and cardiometabolic risk factors in humans with adequately controlled type 2 diabetes: A single-centre randomized controlled study. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 84-94.	4.4	78
6	Extensive weight loss reveals distinct gene expression changes in human subcutaneous and visceral adipose tissue. <i>Scientific Reports</i> , 2015, 5, 14841.	3.3	62
7	Kinetics of plasma triglycerides in abdominal obesity. <i>Current Opinion in Lipidology</i> , 2017, 28, 11-18.	2.7	60
8	Metabolism of triglyceride-rich lipoproteins in health and dyslipidaemia. <i>Nature Reviews Cardiology</i> , 2022, 19, 577-592.	13.7	59
9	Role of apolipoprotein CIII overproduction in diabetic dyslipidaemia. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1861-1870.	4.4	39
10	The acute effect of metabolic cofactor supplementation: a potential therapeutic strategy against non-alcoholic fatty liver disease. <i>Molecular Systems Biology</i> , 2020, 16, e9495.	7.2	39
11	Personalized Cardiovascular Disease Prediction and Treatment—A Review of Existing Strategies and Novel Systems Medicine Tools. <i>Frontiers in Physiology</i> , 2016, 7, 2.	2.8	38
12	Effects of TM6SF2 E167K on hepatic lipid and very low-density lipoprotein metabolism in humans. <i>JCI Insight</i> , 2020, 5, .	5.0	38
13	Complex I is bypassed during high intensity exercise. <i>Nature Communications</i> , 2019, 10, 5072.	12.8	32
14	Characterization of different fat depots in NAFLD using inflammation-associated proteome, lipidome and metabolome. <i>Scientific Reports</i> , 2018, 8, 14200.	3.3	28
15	Impact of proprotein convertase subtilisin/kexin type 9 inhibition with evolocumab on the postprandial responses of triglyceride-rich lipoproteins in type II diabetic subjects. <i>Journal of Clinical Lipidology</i> , 2020, 14, 77-87.	1.5	26
16	Sources of variation in cell-type RNA-Seq profiles. <i>PLoS ONE</i> , 2020, 15, e0239495.	2.5	20
17	Effects of liraglutide on the metabolism of triglyceride-rich lipoproteins in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1191-1201.	4.4	20
18	Minor Contribution of Endogenous GLP-1 and GLP-2 to Postprandial Lipemia in Obese Men. <i>PLoS ONE</i> , 2016, 11, e0145890.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Effects of Evolocumab on the Postprandial Kinetics of Apo (Apolipoprotein) B100- and B48-Containing Lipoproteins in Subjects With Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 962-975.	2.4	18
20	Longitudinal plasma protein profiling of newly diagnosed type 2 diabetes. <i>EBioMedicine</i> , 2021, 63, 103147.	6.1	15
21	Artificial intelligence based automatic quantification of epicardial adipose tissue suitable for large scale population studies. <i>Scientific Reports</i> , 2021, 11, 23905.	3.3	6
22	Effects of <i>PNPLA3</i> I148M on hepatic lipid and very-low-density lipoprotein metabolism in humans. <i>Journal of Internal Medicine</i> , 2022, 291, 218-223.	6.0	5
23	Lipid profiling of human diabetic myocardium reveals differences in triglyceride fatty acyl chain length and degree of saturation. <i>International Journal of Cardiology</i> , 2020, 320, 106-111.	1.7	4
24	Informing Pharmacokinetic Models With Physiological Data: Oral Population Modeling of L-Serine in Humans. <i>Frontiers in Pharmacology</i> , 2021, 12, 643179.	3.5	3
25	Sacubitril/valsartan decreases mortality in the rat model of the isoprenaline-induced takotsubo-like syndrome. <i>ESC Heart Failure</i> , 2021, 8, 4130-4138.	3.1	3
26	DSAVE: Detection of misclassified cells in single-cell RNA-Seq data. <i>PLoS ONE</i> , 2020, 15, e0243360.	2.5	2
27	Role of endogenous incretins in the regulation of postprandial lipoprotein metabolism. <i>European Journal of Endocrinology</i> , 2022, 187, 75-84.	3.7	2