

Lucas Lindeboom

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

554
citations

840776

11
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

891
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotinamide riboside supplementation alters body composition and skeletal muscle acetylcarnitine concentrations in healthy obese humans. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 413-426.	4.7	96
2	Carnitine Acetyltransferase Mitigates Metabolic Inertia and Muscle Fatigue during Exercise. <i>Cell Metabolism</i> , 2015, 22, 65-76.	16.2	78
3	Hepatic saturated fatty acid fraction is associated with de novo lipogenesis and hepatic insulin resistance. <i>Nature Communications</i> , 2020, 11, 1891.	12.8	63
4	Long ¹³ C-echo time MR spectroscopy for skeletal muscle acetylcarnitine detection. <i>Journal of Clinical Investigation</i> , 2014, 124, 4915-4925.	8.2	54
5	Carnitine supplementation improves metabolic flexibility and skeletal muscle acetylcarnitine formation in volunteers with impaired glucose tolerance: A randomised controlled trial. <i>EBioMedicine</i> , 2019, 49, 318-330.	6.1	48
6	Proton magnetic resonance spectroscopy reveals increased hepatic lipid content after a single high-fat meal with no additional modulation by added protein. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 65-71.	4.7	47
7	Proton magnetic resonance spectroscopy in skeletal muscle: Experts' consensus recommendations. <i>NMR in Biomedicine</i> , 2021, 34, e4266.	2.8	39
8	Patients With Aldolase B Deficiency Are Characterized by Increased Intrahepatic Triglyceride Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5056-5064.	3.6	30
9	Evaluation of Muscle microRNA Expression in Relation to Human Peripheral Insulin Sensitivity: A Cross-Sectional Study in Metabolically Distinct Subject Groups. <i>Frontiers in Physiology</i> , 2017, 8, 711.	2.8	25
10	Independent tissue contributors to obesity-associated insulin resistance. <i>JCI Insight</i> , 2017, 2, .	5.0	25
11	Quantum coherence spectroscopy to measure dietary fat retention in the liver. <i>JCI Insight</i> , 2016, 1, e84671.	5.0	14
12	Contribution of Liver Fat to Weight Loss ¹³ C-Induced Changes in Serum Hepatokines: A Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2719-2727.	3.6	12
13	Longitudinal relaxation time editing for acetylcarnitine detection with ¹³ C-MRS. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 505-510.	3.0	8
14	Measurement of lipid composition in human skeletal muscle and adipose tissue with ¹³ C-MRS homonuclear spectral editing. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 619-627.	3.0	7
15	Application of a Bilinear Rotation Decoupling (BIRD) filter in combination with ¹³ C-difference editing for indirect ¹³ C measurements in the human liver. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2911-2917.	3.0	6
16	L-carnitine infusion does not alleviate lipid-induced insulin resistance and metabolic inflexibility. <i>PLoS ONE</i> , 2020, 15, e0239506.	2.5	2