Lisa Chow

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5367908/publications.pdf

Version: 2024-02-01

79 papers	2,166 citations	331670 21 h-index	243625 44 g-index
79 all docs	79 docs citations	79 times ranked	3006 citing authors

#	Article	IF	Citations
1	Neural Networks With Gated Recurrent Units Reduce Glucose Forecasting Error Due to Changes in Sensor Location. Journal of Diabetes Science and Technology, 2024, 18, 124-134.	2.2	1
2	Examining Sensor Agreement in Neural Network Blood Glucose Prediction. Journal of Diabetes Science and Technology, 2022, 16, 1473-1482.	2.2	3
3	A New Analysis Tool for Continuous Glucose Monitor Data. Journal of Diabetes Science and Technology, 2022, 16, 1496-1504.	2.2	5
4	Time-restricted Eating for the Prevention and Management of Metabolic Diseases. Endocrine Reviews, 2022, 43, 405-436.	20.1	96
5	Regulation and role of glycophagy in skeletal muscle energy metabolism. Autophagy, 2022, 18, 1078-1089.	9.1	10
6	Exerkines in health, resilience and disease. Nature Reviews Endocrinology, 2022, 18, 273-289.	9.6	268
7	Artifactual FA dimers mimic FAHFA signals in untargeted metabolomics pipelines. Journal of Lipid Research, 2022, 63, 100201.	4.2	9
8	Acute aerobic exercise reveals that FAHFAs distinguish the metabolomes of overweight and normal-weight runners. JCI Insight, 2022, 7, .	5.0	11
9	Isolated and combined impact of dietary olive oil and exercise on markers of health and energy metabolism in female mice. Journal of Nutritional Biochemistry, 2022, 107, 109040.	4.2	2
10	Time-Restricted Eating for 12 Weeks Does Not Adversely Alter Bone Turnover in Overweight Adults. Nutrients, 2021, 13, 1155.	4.1	11
11	Cognitive Effects of Aerobic Exercise in Alzheimerâ€™s Disease: A Pilot Randomized Controlled Trial. Journal of Alzheimer's Disease, 2021, 80, 233-244.	2.6	55
12	Time-Restricted Eating Improves Quality of Life Measures in Overweight Humans. Nutrients, 2021, 13, 1430.	4.1	18
13	Chromatin accessibility profiling identifies evolutionary conserved loci in activated human satellite cells. Stem Cell Research, 2021, 55, 102496.	0.7	4
14	Lipid Droplet-Derived Monounsaturated Fatty Acids Traffic via PLIN5 to Allosterically Activate SIRT1. Molecular Cell, 2020, 77, 810-824.e8.	9.7	98
15	Reaching the Tipping Point: Identification of Thresholds at which Visceral Adipose Tissue May Steeply Increase in Youth. Obesity, 2020, 28, 139-145.	3.0	3
16	Muscle Lipid Droplets: Cellular Signaling to Exercise Physiology and Beyond. Trends in Endocrinology and Metabolism, 2020, 31, 928-938.	7.1	15
17	Multiple predictively equivalent risk models for handling missing data at time of prediction: With an application in severe hypoglycemia risk prediction for type 2 diabetes. Journal of Biomedical Informatics, 2020, 103, 103379.	4.3	12
18	Time-Restricted Eating Alters Food Intake Patterns, as Prospectively Documented by a Smartphone Application. Nutrients, 2020, 12, 3396.	4.1	11

#	Article	IF	Citations
19	Microscopic Colitis Is Not an Independent Risk Factor for Low Bone Density. Digestive Diseases and Sciences, 2020, 66, 3542-3547.	2.3	2
20	How Significant Is Severe Hypoglycemia in Older Adults With Diabetes?. Diabetes Care, 2020, 43, 512-514.	8.6	13
21	The microenvironment matters: the secret life of intramuscular lipid droplets. Journal of Physiology, 2020, 598, 1117-1118.	2.9	0
22	Timeâ€Restricted Eating Effects on Body Composition and Metabolic Measures in Humans who are Overweight: A Feasibility Study. Obesity, 2020, 28, 860-869.	3.0	190
23	Uncovering Autoimmune Diabetes in a Patient With Euglycemic Diabetic Ketoacidosis. American Journal of the Medical Sciences, 2020, 360, 307-308.	1.1	1
24	864-P: Hyperglycemia Drives Glycemic Variability in Patients with Type 2 Diabetes (T2DM). Diabetes, 2020, 69, 864-P.	0.6	1
25	Changing Insulinoma Management Due to Incidentally Discovered Metastasis: A Case Report. American Journal of Case Reports, 2020, 21, e923356.	0.8	1
26	863-P: In Patients without Diabetes, Glycemic Variability Derived from Continuous Glucose Monitoring (CGM) Data Relates to Hyperglycemia More Than Insulin Resistance. Diabetes, 2020, 69, .	0.6	0
27	1881-P: Separate Free Fatty Acid (FFA) Pools Are Involved in Muscle Lipid Utilization. Diabetes, 2020, 69, 1881-P.	0.6	0
28	DXA-Determined Regional Adiposity Relates to Insulin Resistance in a Young Adult Population with Overweight andObesity. Journal of Clinical Densitometry, 2019, 22, 287-292.	1.2	6
29	High-Protein Diets for Treatment of Type 2 Diabetes Mellitus: A Systematic Review. Advances in Nutrition, 2019, 10, 621-633.	6.4	15
30	Cardiorespiratory Fitness, Adiposity, and Heart Rate Variability: The Coronary Artery Risk Development in Young Adults Study. Medicine and Science in Sports and Exercise, 2019, 51, 509-514.	0.4	19
31	Fasting glucose and insulin resistance trajectories during young adulthood and mid-life cardiac structure and function. Journal of Diabetes and Its Complications, 2019, 33, 356-362.	2.3	6
32	2076-P: Time Restricted Eating (TRE) Promotes Weight Loss, Alters Body Composition, and Improves Metabolic Parameters in Overweight Humans. Diabetes, 2019, 68, 2076-P.	0.6	1
33	Mitochondria in Muscle and Exercise. Contemporary Diabetes, 2018, , 125-136.	0.0	0
34	The impact of high BMI on acute changes in body composition following 90Âmin of running. Cogent Medicine, 2018, 5, 1502960.	0.7	0
35	VE/VCO2 slope in lean and overweight women and its relationship to lean leg mass. IJC Heart and Vasculature, 2018, 21, 107-110.	1.1	4
36	Efficacy and mechanisms of combined aerobic exercise and cognitive training in mild cognitive impairment: study protocol of the ACT trial. Trials, 2018, 19, 700.	1.6	18

#	Article	IF	Citations
37	Development of a model to predict 5-year risk of severe hypoglycemia in patients with type 2 diabetes. BMJ Open Diabetes Research and Care, 2018, 6, e000527.	2.8	22
38	High Body Mass Index Masks Body Composition Differences in Physically Active Versus Sedentary Participants. Metabolic Syndrome and Related Disorders, 2018, 16, 483-489.	1.3	4
39	Machine Learning Identification of Multiple Predictively Equivalent Risk Models for Severe Hypoglycemia in Patients with Type 2 Diabetes. Diabetes, 2018, 67, 396-P.	0.6	1
40	Skeletal Muscle Lipid Composition Parallels Clinical Phenotype Extremes. Diabetes, 2018, 67, 1926-P.	0.6	0
41	The impact of high BMI on acute changes in body composition following 90 minutes of running. Cogent Medicine, 2018, 5, .	0.7	0
42	Fitness in Young Adulthood and Long-Term Cardiac Structure and Function. JACC: Heart Failure, 2017, 5, 347-355.	4.1	47
43	Nonalcoholic fatty liver disease and measures of early brain health in middleâ€aged adults: The CARDIA study. Obesity, 2017, 25, 642-651.	3.0	37
44	Effect of acute physiological free fatty acid elevation in the context of hyperinsulinemia on fiber type-specific IMCL accumulation. Journal of Applied Physiology, 2017, 123, 71-78.	2.5	24
45	Training alters the distribution of perilipin proteins in muscle following acute free fatty acid exposure. Journal of Physiology, 2017, 595, 5587-5601.	2.9	21
46	Determination of Aerobic Capacity via Cycle Ergometer Exercise Testing in Alzheimerâ€™s Disease. American Journal of Alzheimer's Disease and Other Dementias, 2017, 32, 500-508.	1.9	7
47	Accuracy and Reliability of Assessing Lateral Compartmental Leg Composition Using Dual-Energy X-ray Absorptiometry. Medicine and Science in Sports and Exercise, 2017, 49, 833-839.	0.4	7
48	Hypoglycemia in Diabetes. JAMA - Journal of the American Medical Association, 2017, 318, 31.	7.4	13
49	Brown Tumors And The Atypical Parathyroid Adenoma. AACE Clinical Case Reports, 2017, 3, e233-e238.	1.1	2
50	Association of Mediterranean diet and cardiorespiratory fitness with the development of pre-diabetes and diabetes: the Coronary Artery Risk Development in Young Adults (CARDIA) study. BMJ Open Diabetes Research and Care, 2016, 4, e000229.	2.8	13
51	Su1844 Increased Prevalence of Low Bone Mineral Density in Patients With Microscopic Colitis. Gastroenterology, 2016, 150, S568.	1.3	1
52	Twenty year fitness trends in young adults and incidence of prediabetes and diabetes: the CARDIA study. Diabetologia, 2016, 59, 1659-1665.	6.3	35
53	A Novel Method For Assessing Leg Compartmental Body Composition Using Dual Energy X-ray Absorptiometry. Medicine and Science in Sports and Exercise, 2016, 48, 1002-1003.	0.4	0
54	Biomarkers associated with severe hypoglycaemia and death in <scp>ACCORD</scp>. Diabetic Medicine, 2016, 33, 1076-1083.	2.3	4

#	Article	IF	Citations
55	Impaired cardiac autonomic nervous system function is associated with pediatric hypertension independent of adiposity. Pediatric Research, 2016, 79, 49-54.	2.3	18
56	Physical activity and cardiovascular risk factors in childhood cancer survivors. Pediatric Blood and Cancer, 2015, 62, 305-310.	1.5	42
57	Biomarkers related to severe hypoglycaemia and lack of good glycaemic control in ACCORD. Diabetologia, 2015, 58, 1160-1166.	6.3	18
58	Physical Activity, Fitness, and Cardiometabolic Risk Factors in Adult Survivors of Childhood Cancer with a History of Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2015, 21, 1278-1283.	2.0	43
59	In adult twins, visceral fat accumulation depends more on exceeding sex-specific adiposity thresholds than on genetics. Metabolism: Clinical and Experimental, 2015, 64, 991-998.	3.4	7
60	Fitness Change Effects on Midlife Metabolic Outcomes. Medicine and Science in Sports and Exercise, 2015, 47, 967-973.	0.4	8
61	Fitness Level is Associated with Sex-Specific Regional Fat Differences in Normal Weight Young Adults. Journal of Endocrinology and Diabetes, 2015, 2, 01-05.	0.3	2
62	Training status diverges muscle diacylglycerol accumulation during free fatty acid elevation. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E124-E131.	3.5	24
63	Impact of Pubertal Development on Endothelial Function and Arterial Elasticity. Journal of Pediatrics, 2013, 163, 1432-1436.	1.8	11
64	Relation of adiposity, television and screen time in offspring to their parents. BMC Pediatrics, 2013, 13, 133.	1.7	16
65	Estimated plasma stearoyl co-A desaturase-1 activity and risk of incident diabetes: The Atherosclerosis Risk in Communities (ARIC) study. Metabolism: Clinical and Experimental, 2013, 62, 100-108.	3.4	23
66	Blunted response to a growth hormone stimulation test is associated with unfavorable cardiovascular risk factor profile in childhood cancer survivors. Pediatric Blood and Cancer, 2013, 60, 467-473.	1.5	18
67	Impact of Treatment Exposures on Cardiovascular Risk and Insulin Resistance in Childhood Cancer Survivors. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1954-1963.	2.5	34
68	Acute Free Fatty Acid Elevation Eliminates Endurance Training Effect on Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2890-2897.	3.6	12
69	Effect of Insulin Sensitizer Therapy on Atherothrombotic and Inflammatory Profiles Associated With Insulin Resistance. Mayo Clinic Proceedings, 2012, 87, 561-570.	3.0	15
70	Influence of foot orientation on the appearance and quantification of ¹H magnetic resonance muscle spectra obtained from the soleus and the vastus lateralis. Magnetic Resonance in Medicine, 2012, 68, 1731-1737.	3.0	10
71	Pre- and postmarathon training habits of nonelite runners. Open Access Journal of Sports Medicine, 2011, 2, 13.	1.3	7
72	Skeletal muscle insulin resistance: the interplay of local lipid excess and mitochondrial dysfunction. Metabolism: Clinical and Experimental, 2010, 59, 70-85.	3.4	46

#	Article	IF	Citations
73	Human Brain Glycogen Metabolism During and After Hypoglycemia. Diabetes, 2009, 58, 1978-1985.	0.6	97
74	Asian Indians Have Enhanced Skeletal Muscle Mitochondrial Capacity to Produce ATP in Association With Severe Insulin Resistance. Diabetes, 2008, 57, 1166-1175.	0.6	163
75	Impact of endurance training on murine spontaneous activity, muscle mitochondrial DNA abundance, gene transcripts, and function. Journal of Applied Physiology, 2007, 102, 1078-1089.	2.5	70
76	Mechanism of insulin's anabolic effect on muscle: measurements of muscle protein synthesis and breakdown using aminoacyl-tRNA and other surrogate measures. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E729-E736.	3.5	107
77	Parathyroid Lipoadenomas: A Rare Cause of Primary Hyperparathyroidism. Endocrine Practice, 2006, 12, 131-136.	2.1	36
78	Sarcopenia of Male Aging. Endocrinology and Metabolism Clinics of North America, 2005, 34, 833-852.	3.2	11
79	Nondiagnostic Thyroid Fine-Needle Aspiration Cytology: Management Dilemmas. Thyroid, 2001, 11, 1147-1151.	4.5	181