

Lisa Chow

List of Publications by Year in descending order

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79
papers

2,166
citations

377584

21
h-index

274796

44
g-index

79
all docs

79
docs citations

79
times ranked

3214
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Networks With Gated Recurrent Units Reduce Glucose Forecasting Error Due to Changes in Sensor Location. <i>Journal of Diabetes Science and Technology</i> , 2024, 18, 124-134.	1.3	1
2	Examining Sensor Agreement in Neural Network Blood Glucose Prediction. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 1473-1482.	1.3	3
3	A New Analysis Tool for Continuous Glucose Monitor Data. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 1496-1504.	1.3	5
4	Time-restricted Eating for the Prevention and Management of Metabolic Diseases. <i>Endocrine Reviews</i> , 2022, 43, 405-436.	8.9	96
5	Regulation and role of glycophagy in skeletal muscle energy metabolism. <i>Autophagy</i> , 2022, 18, 1078-1089.	4.3	10
6	Exerkines in health, resilience and disease. <i>Nature Reviews Endocrinology</i> , 2022, 18, 273-289.	4.3	268
7	Artifactual FA dimers mimic FAHFA signals in untargeted metabolomics pipelines. <i>Journal of Lipid Research</i> , 2022, 63, 100201.	2.0	9
8	Acute aerobic exercise reveals that FAHFAs distinguish the metabolomes of overweight and normal-weight runners. <i>JCI Insight</i> , 2022, 7, .	2.3	11
9	Isolated and combined impact of dietary olive oil and exercise on markers of health and energy metabolism in female mice. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109040.	1.9	2
10	Time-Restricted Eating for 12 Weeks Does Not Adversely Alter Bone Turnover in Overweight Adults. <i>Nutrients</i> , 2021, 13, 1155.	1.7	11
11	Cognitive Effects of Aerobic Exercise in Alzheimer's Disease: A Pilot Randomized Controlled Trial. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 233-244.	1.2	55
12	Time-Restricted Eating Improves Quality of Life Measures in Overweight Humans. <i>Nutrients</i> , 2021, 13, 1430.	1.7	18
13	Chromatin accessibility profiling identifies evolutionary conserved loci in activated human satellite cells. <i>Stem Cell Research</i> , 2021, 55, 102496.	0.3	4
14	Lipid Droplet-Derived Monounsaturated Fatty Acids Traffic via PLIN5 to Allosterically Activate SIRT1. <i>Molecular Cell</i> , 2020, 77, 810-824.e8.	4.5	98
15	Reaching the Tipping Point: Identification of Thresholds at which Visceral Adipose Tissue May Steeply Increase in Youth. <i>Obesity</i> , 2020, 28, 139-145.	1.5	3
16	Muscle Lipid Droplets: Cellular Signaling to Exercise Physiology and Beyond. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 928-938.	3.1	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. <i>Journal of Biomedical Informatics</i> , 2020, 103, 103379.	2.5	12
18	Time-Restricted Eating Alters Food Intake Patterns, as Prospectively Documented by a Smartphone Application. <i>Nutrients</i> , 2020, 12, 3396.	1.7	11

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19	Microscopic Colitis Is Not an Independent Risk Factor for Low Bone Density. <i>Digestive Diseases and Sciences</i> , 2020, 66, 3542-3547.	1.1	2
20	How Significant Is Severe Hypoglycemia in Older Adults With Diabetes?. <i>Diabetes Care</i> , 2020, 43, 512-514.	4.3	13
21	The microenvironment matters: the secret life of intramuscular lipid droplets. <i>Journal of Physiology</i> , 2020, 598, 1117-1118.	1.3	0
22	Time-Restricted Eating Effects on Body Composition and Metabolic Measures in Humans who are Overweight: A Feasibility Study. <i>Obesity</i> , 2020, 28, 860-869.	1.5	190
23	Uncovering Autoimmune Diabetes in a Patient With Euglycemic Diabetic Ketoacidosis. <i>American Journal of the Medical Sciences</i> , 2020, 360, 307-308.	0.4	1
24	864-P: Hyperglycemia Drives Glycemic Variability in Patients with Type 2 Diabetes (T2DM). <i>Diabetes</i> , 2020, 69, 864-P.	0.3	1
25	Changing Insulinoma Management Due to Incidentally Discovered Metastasis: A Case Report. <i>American Journal of Case Reports</i> , 2020, 21, e923356.	0.3	1
26	863-P: In Patients without Diabetes, Glycemic Variability Derived from Continuous Glucose Monitoring (CGM) Data Relates to Hyperglycemia More Than Insulin Resistance. <i>Diabetes</i> , 2020, 69, .	0.3	0
27	1881-P: Separate Free Fatty Acid (FFA) Pools Are Involved in Muscle Lipid Utilization. <i>Diabetes</i> , 2020, 69, 1881-P.	0.3	0
28	DXA-Determined Regional Adiposity Relates to Insulin Resistance in a Young Adult Population with Overweight and Obesity. <i>Journal of Clinical Densitometry</i> , 2019, 22, 287-292.	0.5	6
29	High-Protein Diets for Treatment of Type 2 Diabetes Mellitus: A Systematic Review. <i>Advances in Nutrition</i> , 2019, 10, 621-633.	2.9	15
30	Cardiorespiratory Fitness, Adiposity, and Heart Rate Variability: The Coronary Artery Risk Development in Young Adults Study. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 509-514.	0.2	19
31	Fasting glucose and insulin resistance trajectories during young adulthood and mid-life cardiac structure and function. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 356-362.	1.2	6
32	2076-P: Time Restricted Eating (TRE) Promotes Weight Loss, Alters Body Composition, and Improves Metabolic Parameters in Overweight Humans. <i>Diabetes</i> , 2019, 68, 2076-P.	0.3	1
33	Mitochondria in Muscle and Exercise. <i>Contemporary Diabetes</i> , 2018, , 125-136.	0.0	0
34	The impact of high BMI on acute changes in body composition following 90 min of running. <i>Cogent Medicine</i> , 2018, 5, 1502960.	0.7	0
35	VE/VCO ₂ slope in lean and overweight women and its relationship to lean leg mass. <i>IJC Heart and Vasculature</i> , 2018, 21, 107-110.	0.6	4
36	Efficacy and mechanisms of combined aerobic exercise and cognitive training in mild cognitive impairment: study protocol of the ACT trial. <i>Trials</i> , 2018, 19, 700.	0.7	18

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37	Development of a model to predict 5-year risk of severe hypoglycemia in patients with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000527.	1.2	22
38	High Body Mass Index Masks Body Composition Differences in Physically Active Versus Sedentary Participants. <i>Metabolic Syndrome and Related Disorders</i> , 2018, 16, 483-489.	0.5	4
39	Machine Learning Identification of Multiple Predictively Equivalent Risk Models for Severe Hypoglycemia in Patients with Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 396-P.	0.3	1
40	Skeletal Muscle Lipid Composition Parallels Clinical Phenotype Extremes. <i>Diabetes</i> , 2018, 67, 1926-P.	0.3	0
41	The impact of high BMI on acute changes in body composition following 90 minutes of running. <i>Cogent Medicine</i> , 2018, 5, .	0.7	0
42	Fitness in Young Adulthood and Long-Term Cardiac Structure and Function. <i>JACC: Heart Failure</i> , 2017, 5, 347-355.	1.9	47
43	Nonalcoholic fatty liver disease and measures of early brain health in middle-aged adults: The CARDIA study. <i>Obesity</i> , 2017, 25, 642-651.	1.5	37
44	Effect of acute physiological free fatty acid elevation in the context of hyperinsulinemia on fiber type-specific IMCL accumulation. <i>Journal of Applied Physiology</i> , 2017, 123, 71-78.	1.2	24
45	Training alters the distribution of perilipin proteins in muscle following acute free fatty acid exposure. <i>Journal of Physiology</i> , 2017, 595, 5587-5601.	1.3	21
46	Determination of Aerobic Capacity via Cycle Ergometer Exercise Testing in Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2017, 32, 500-508.	0.9	7
47	Accuracy and Reliability of Assessing Lateral Compartmental Leg Composition Using Dual-Energy X-ray Absorptiometry. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 833-839.	0.2	7
48	Hypoglycemia in Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 31.	3.8	13
49	Brown Tumors And The Atypical Parathyroid Adenoma. <i>AACE Clinical Case Reports</i> , 2017, 3, e233-e238.	0.4	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. <i>BMJ Open Diabetes Research and Care</i> , 2016, 4, e000229.	1.2	13
51	Su1844 Increased Prevalence of Low Bone Mineral Density in Patients With Microscopic Colitis. <i>Gastroenterology</i> , 2016, 150, S568.	0.6	1
52	Twenty year fitness trends in young adults and incidence of prediabetes and diabetes: the CARDIA study. <i>Diabetologia</i> , 2016, 59, 1659-1665.	2.9	35
53	A Novel Method For Assessing Leg Compartmental Body Composition Using Dual Energy X-ray Absorptiometry. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1002-1003.	0.2	0
54	Biomarkers associated with severe hypoglycaemia and death in <sc>ACCORD</sc>. <i>Diabetic Medicine</i> , 2016, 33, 1076-1083.	1.2	4

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55	Impaired cardiac autonomic nervous system function is associated with pediatric hypertension independent of adiposity. <i>Pediatric Research</i> , 2016, 79, 49-54.	1.1	18
56	Physical activity and cardiovascular risk factors in childhood cancer survivors. <i>Pediatric Blood and Cancer</i> , 2015, 62, 305-310.	0.8	42
57	Biomarkers related to severe hypoglycaemia and lack of good glycaemic control in ACCORD. <i>Diabetologia</i> , 2015, 58, 1160-1166.	2.9	18
58	Physical Activity, Fitness, and Cardiometabolic Risk Factors in Adult Survivors of Childhood Cancer with a History of Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 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. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 991-998.	1.5	7
60	Fitness Change Effects on Midlife Metabolic Outcomes. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 967-973.	0.2	8
61	Fitness Level is Associated with Sex-Specific Regional Fat Differences in Normal Weight Young Adults. <i>Journal of Endocrinology and Diabetes</i> , 2015, 2, 01-05.	0.2	2
62	Training status diverges muscle diacylglycerol accumulation during free fatty acid elevation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E124-E131.	1.8	24
63	Impact of Pubertal Development on Endothelial Function and Arterial Elasticity. <i>Journal of Pediatrics</i> , 2013, 163, 1432-1436.	0.9	11
64	Relation of adiposity, television and screen time in offspring to their parents. <i>BMC Pediatrics</i> , 2013, 13, 133.	0.7	16
65	Estimated plasma stearoyl co-A desaturase-1 activity and risk of incident diabetes: The Atherosclerosis Risk in Communities (ARIC) study. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 100-108.	1.5	23
66	Blunted response to a growth hormone stimulation test is associated with unfavorable cardiovascular risk factor profile in childhood cancer survivors. <i>Pediatric Blood and Cancer</i> , 2013, 60, 467-473.	0.8	18
67	Impact of Treatment Exposures on Cardiovascular Risk and Insulin Resistance in Childhood Cancer Survivors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1954-1963.	1.1	34
68	Acute Free Fatty Acid Elevation Eliminates Endurance Training Effect on Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2890-2897.	1.8	12
69	Effect of Insulin Sensitizer Therapy on Atherothrombotic and Inflammatory Profiles Associated With Insulin Resistance. <i>Mayo Clinic Proceedings</i> , 2012, 87, 561-570.	1.4	15
70	Influence of foot orientation on the appearance and quantification of ¹ H magnetic resonance muscle spectra obtained from the soleus and the vastus lateralis. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1731-1737.	1.9	10
71	Pre- and postmarathon training habits of nonelite runners. <i>Open Access Journal of Sports Medicine</i> , 2011, 2, 13.	0.6	7
72	Skeletal muscle insulin resistance: the interplay of local lipid excess and mitochondrial dysfunction. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 70-85.	1.5	46

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73	Human Brain Glycogen Metabolism During and After Hypoglycemia. <i>Diabetes</i> , 2009, 58, 1978-1985.	0.3	97
74	Asian Indians Have Enhanced Skeletal Muscle Mitochondrial Capacity to Produce ATP in Association With Severe Insulin Resistance. <i>Diabetes</i> , 2008, 57, 1166-1175.	0.3	163
75	Impact of endurance training on murine spontaneous activity, muscle mitochondrial DNA abundance, gene transcripts, and function. <i>Journal of Applied Physiology</i> , 2007, 102, 1078-1089.	1.2	70
76	Mechanism of insulin's anabolic effect on muscle: measurements of muscle protein synthesis and breakdown using aminoacyl-tRNA and other surrogate measures. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E729-E736.	1.8	107
77	Parathyroid Lipoadenomas: A Rare Cause of Primary Hyperparathyroidism. <i>Endocrine Practice</i> , 2006, 12, 131-136.	1.1	36
78	Sarcopenia of Male Aging. <i>Endocrinology and Metabolism Clinics of North America</i> , 2005, 34, 833-852.	1.2	11
79	Nondiagnostic Thyroid Fine-Needle Aspiration Cytology: Management Dilemmas. <i>Thyroid</i> , 2001, 11, 1147-1151.	2.4	181