

Mathias Ried-Larsen

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,890
citations

201674
27
h-index

189892
50
g-index

82
all docs

82
docs citations

82
times ranked

5235
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a Lifestyle Intervention on Bone Turnover in Persons with Type 2 Diabetes: A Post Hoc Analysis of the U-TURN Trial. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 38-46.	0.4	4
2	“I Tried Forcing Myself to do It, but Then It Becomes a Boring Chore”: Understanding (dis)engagement in Physical Activity Among Individuals With Type 2 Diabetes Using a Practice Theory Approach. <i>Qualitative Health Research</i> , 2022, 32, 520-530.	2.1	9
3	Impact of intensive lifestyle intervention on gut microbiota composition in type 2 diabetes: a post-hoc analysis of a randomized clinical trial. <i>Gut Microbes</i> , 2022, 14, 2005407.	9.8	10
4	Effects of an exercise-based lifestyle intervention on systemic markers of oxidative stress and advanced glycation endproducts in persons with type 2 diabetes: Secondary analysis of a randomised clinical trial. <i>Free Radical Biology and Medicine</i> , 2022, 188, 328-336.	2.9	12
5	No effects of dapagliflozin, metformin or exercise on plasma glucagon concentrations in individuals with prediabetes: A post hoc analysis from the randomized controlled PRE-D trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 530-539.	4.4	9
6	The effects of dapagliflozin, metformin or exercise on glycaemic variability in overweight or obese individuals with prediabetes (the PRE-D Trial): a multi-arm, randomised, controlled trial. <i>Diabetologia</i> , 2021, 64, 42-55.	6.3	29
7	One-year intensive lifestyle intervention and improvements in health-related quality of life and mental health in persons with type 2 diabetes: a secondary analysis of the U-TURN randomized controlled trial. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001840.	2.8	19
8	A systematic review of adherence to physical activity interventions in individuals with type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3444.	4.0	23
9	The effects of different doses of exercise on pancreatic β^2 -cell function in patients with newly diagnosed type 2 diabetes: study protocol for and rationale behind the “DOSE-EX” multi-arm parallel-group randomised clinical trial. <i>Trials</i> , 2021, 22, 244.	1.6	7
10	Association of Cycling With All-Cause and Cardiovascular Disease Mortality Among Persons With Diabetes. <i>JAMA Internal Medicine</i> , 2021, 181, 1196.	5.1	16
11	The interaction between metformin and physical activity on postprandial glucose and glucose kinetics: a randomised, clinical trial. <i>Diabetologia</i> , 2021, 64, 397-409.	6.3	14
12	Discordance Between Glucose Levels Measured in Interstitial Fluid vs in Venous Plasma After Oral Glucose Administration: A Post-Hoc Analysis From the Randomised Controlled PRE-D Trial. <i>Frontiers in Endocrinology</i> , 2021, 12, 753810.	3.5	5
13	Fidelity, tolerability and safety of acute high-intensity interval training after hospitalisation for COVID-19: a randomised cross-over trial. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001156.	2.9	1
14	Protective potential of high-intensity interval training on cardiac structure and function after COVID-19: protocol and statistical analysis plan for an investigator-blinded randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e048281.	1.9	2
15	Fidelity, tolerability and safety of acute high-intensity interval training after hospitalisation for COVID-19: a randomised cross-over trial. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001156.	2.9	19
16	Association of high amounts of physical activity with mortality risk: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2020, 54, 1195-1201.	6.7	87
17	The multivariate physical activity signature associated with metabolic health in children and youth: An International Children’s Accelerometry Database (ICAD) analysis. <i>Preventive Medicine</i> , 2020, 141, 106266.	3.4	10
18	The Impact of Physical Activity on Glycemic Variability Assessed by Continuous Glucose Monitoring in Patients With Type 2 Diabetes Mellitus: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2020, 11, 486.	3.5	16

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19	Effects of an intensive lifestyle intervention on the underlying mechanisms of improved glycaemic control in individuals with type 2 diabetes: a secondary analysis of a randomised clinical trial. <i>Diabetologia</i> , 2020, 63, 2410-2422.	6.3	16
20	Birth weight, cardiometabolic risk factors and effect modification of physical activity in children and adolescents: pooled data from 12 international studies. <i>International Journal of Obesity</i> , 2020, 44, 2052-2063.	3.4	7
21	Dose-Response Effects of Exercise on Glucose-Lowering Medications for Type 2 Diabetes: A Secondary Analysis of a Randomized Clinical Trial. <i>Mayo Clinic Proceedings</i> , 2020, 95, 488-503.	3.0	14
22	Cancer Survivors' Receptiveness to Digital Technology-Supported Physical Rehabilitation and the Implications for Design: Qualitative Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e15335.	4.3	15
23	Health Technology Readiness Profiles Among Danish Individuals With Type 2 Diabetes: Cross-Sectional Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e21195.	4.3	16
24	Effect of Aerobic and Resistance Exercise on Cardiac Adipose Tissues. <i>JAMA Cardiology</i> , 2019, 4, 778.	6.1	58
25	Substituting prolonged sedentary time and cardiovascular risk in children and youth: a meta-analysis within the International Children's Accelerometry database (ICAD). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 96.	4.6	35
26	Plasma proatrial natriuretic peptide associates with lipid oxidation during exercise and cardiorespiratory fitness in healthy young adults. <i>Peptides</i> , 2019, 122, 170156.	2.4	3
27	Effect of ecological momentary assessment, goal-setting and personalized phone-calls on adherence to interval walking training using the InterWalk application among patients with type 2 diabetes-A pilot randomized controlled trial. <i>PLoS ONE</i> , 2019, 14, e0208181.	2.5	18
28	Technology in exercise-based cancer rehabilitation: a cross-sectional study of receptiveness and readiness for e-Health utilization in Danish cancer rehabilitation. <i>Acta Oncologica</i> , 2019, 58, 610-618.	1.8	28
29	Type 2 diabetes remission 1 year after an intensive lifestyle intervention: A secondary analysis of a randomized clinical trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2257-2266.	4.4	37
30	The effect of frequency of activity interruptions in prolonged sitting on postprandial glucose metabolism: A randomized crossover trial. <i>Metabolism: Clinical and Experimental</i> , 2019, 96, 1-7.	3.4	16
31	Association of copeptin, a surrogate marker for arginine vasopressin secretion, with insulin resistance: Influence of adolescence and psychological stress. <i>Peptides</i> , 2019, 115, 8-14.	2.4	8
32	Aerobic Exercise Induces Cardiac Fat Loss and Alters Cardiac Muscle Mass Through an Interleukin-6 Receptor-Dependent Mechanism. <i>Circulation</i> , 2019, 140, 1684-1686.	1.6	30
33	Exercise-Induced Changes in Visceral Adipose Tissue Mass Are Regulated by IL-6 Signaling: A Randomized Controlled Trial. <i>Cell Metabolism</i> , 2019, 29, 844-855.e3.	16.2	228
34	Effectiveness of remote feedback on physical activity in persons with type 2 diabetes: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Telemedicine and Telecare</i> , 2019, 25, 26-34.	2.7	12
35	Development of the Multidimensional Readiness and Enablement Index for Health Technology (READHY) Tool to Measure Individuals' Health Technology Readiness: Initial Testing in a Cancer Rehabilitation Setting. <i>Journal of Medical Internet Research</i> , 2019, 21, e10377.	4.3	43
36	Why prescribe exercise as therapy in type 2 diabetes? We have a pill for that!. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2999.	4.0	20

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37	The "Interval Walking in Colorectal Cancer" (I-WALK-CRC) study: Design, methods and recruitment results of a randomized controlled feasibility trial. Contemporary Clinical Trials Communications, 2018, 9, 143-150.	1.1	7
38	Long-term effect of smartphone-delivered Interval Walking Training on physical activity in patients with type 2 diabetes: protocol for a parallel group single-blinded randomised controlled trial. BMJ Open, 2017, 7, e014036.	1.9	11
39	Measuring Children's Physical Activity. Medicine and Science in Sports and Exercise, 2017, 49, 1261-1269.	0.4	43
40	Protocol for a randomised controlled trial of the effect of dapagliflozin, metformin and exercise on glycaemic variability, body composition and cardiovascular risk in prediabetes (the PRE-D Trial). BMJ Open, 2017, 7, e013802.	1.9	17
41	The effects of 2 weeks of interval vs continuous walking training on glycaemic control and whole-body oxidative stress in individuals with type 2 diabetes: a controlled, randomised, crossover trial. Diabetologia, 2017, 60, 508-517.	6.3	46
42	Effect of an Intensive Lifestyle Intervention on Glycemic Control in Patients With Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2017, 318, 637.	7.4	154
43	Intermittent Standing but not a Moderate Exercise Bout Reduces Postprandial Glycemia. Medicine and Science in Sports and Exercise, 2017, 49, 2305-2314.	0.4	24
44	Effects of strict prolonged bed rest on cardiorespiratory fitness: systematic review and meta-analysis. Journal of Applied Physiology, 2017, 123, 790-799.	2.5	51
45	Intensive Lifestyle Intervention for Type 2 Diabetes"Reply. JAMA - Journal of the American Medical Association, 2017, 318, 2494.	7.4	0
46	Resting Metabolic Rate Does Not Change in Response to Different Types of Training in Subjects with Type 2 Diabetes. Frontiers in Endocrinology, 2017, 8, 132.	3.5	17
47	Implementation of interval walking training in patients with type 2 diabetes in Denmark: rationale, design, and baseline characteristics. Clinical Epidemiology, 2016, 8, 201.	3.0	14
48	Criterion validity and reliability of a smartphone delivered sub-maximal fitness test for people with type 2 diabetes. BMC Sports Science, Medicine and Rehabilitation, 2016, 8, 31.	1.7	16
49	A Multi-Component Day-Camp Weight-Loss Program Is Effective in Reducing BMI in Children after One Year: A Randomized Controlled Trial. PLoS ONE, 2016, 11, e0157182.	2.5	18
50	A Longitudinal Study of Objectively Measured Built Environment as Determinant of Physical Activity in Young Adults: The European Youth Heart Study. Journal of Physical Activity and Health, 2015, 12, 909-914.	2.0	15
51	Head-to-head comparison of intensive lifestyle intervention (U-TURN) versus conventional multifactorial care in patients with type 2 diabetes: protocol and rationale for an assessor-blinded, parallel group and randomised trial. BMJ Open, 2015, 5, e009764.	1.9	23
52	Single parent status and children's objectively measured level of physical activity. Sports Medicine - Open, 2015, 1, 10.	3.1	8
53	The Effects of Breaking up Prolonged Sitting Time. Medicine and Science in Sports and Exercise, 2015, 47, 2053-2061.	0.4	245
54	Associations between bicycling and carotid arterial stiffness in adolescents: The European Youth Heart Study. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 661-669.	2.9	12

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55	A New Approach to Define and Diagnose Cardiometabolic Disorder in Children. Journal of Diabetes Research, 2015, 2015, 1-10.	2.3	90
56	Associations between Exposure to Persistent Organic Pollutants in Childhood and Overweight up to 12 Years Later in a Low Exposed Danish Population. Obesity Facts, 2015, 8, 282-292.	3.4	17
57	Moderate-and-vigorous physical activity from adolescence to adulthood and subclinical atherosclerosis in adulthood: prospective observations from the European Youth Heart Study. British Journal of Sports Medicine, 2015, 49, 107-112.	6.7	34
58	Effects of a multi-component camp-based intervention on inflammatory markers and adipokines in children: A randomized controlled trial. Preventive Medicine, 2015, 81, 367-372.	3.4	11
59	Objectively measured physical activity in Danish after school cares: Does sport certification matter?. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e646-54.	2.9	1
60	Substituting sugar-sweetened beverages with water or milk is inversely associated with body fatness development from childhood to adolescence. Nutrition, 2015, 31, 38-44.	2.4	64
61	Muscle strength in youth and cardiovascular risk in young adulthood (the European Youth Heart) Tj ETQq1 1 0.784314 rgBT /Overlock 1	6.7	97
62	Physical activity and motor skills in children attending 43 preschools: a cross-sectional study. BMC Pediatrics, 2014, 14, 229.	1.7	42
63	Polychlorinated Biphenyl Exposure and Glucose Metabolism in 9-Year-Old Danish Children. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2643-E2651.	3.6	29
64	Sugar-sweetened beverages consumption in relation to changes in body fatness over 6 and 12 years among 9-year-old children: the European Youth Heart Study. European Journal of Clinical Nutrition, 2014, 68, 77-83.	2.9	55
65	Associations between objectively measured physical activity intensity in childhood and measures of subclinical cardiovascular disease in adolescence: prospective observations from the European Youth Heart Study. British Journal of Sports Medicine, 2014, 48, 1502-1507.	6.7	40
66	Youth screen-time behaviour is associated with cardiovascular risk in young adulthood: the European Youth Heart Study. European Journal of Preventive Cardiology, 2014, 21, 49-56.	1.8	72
67	A randomized controlled trial on a multicomponent intervention for overweight school-aged children â€” Copenhagen, Denmark. BMC Pediatrics, 2014, 14, 273.	1.7	26
68	Adiposity and Glycemic Control in Children Exposed to Perfluorinated Compounds. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E608-E614.	3.6	63
69	Comparison of three generations of ActiGraph activity monitors under free-living conditions: do they provide comparable assessments of overall physical activity in 9-year old children?. BMC Sports Science, Medicine and Rehabilitation, 2014, 6, 26.	1.7	32
70	Effectiveness of a one-year multi-component day-camp intervention for overweight children: study protocol of the Odense overweight intervention study (OOIS). BMC Public Health, 2014, 14, 313.	2.9	13
71	Low validity of the Sensewear Pro3 activity monitor compared to indirect calorimetry during simulated free living in patients with osteoarthritis of the hip. BMC Musculoskeletal Disorders, 2014, 15, 43.	1.9	19
72	The effects of physical activity and exercise on brain-derived neurotrophic factor in healthy humans: A review. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, 1-10.	2.9	333

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73	Between-school variation in physical activity, aerobic fitness, and organized sports participation: A multi-level analysis. Journal of Sports Sciences, 2013, 31, 188-195.	2.0	15
74	Independent and Combined Association of Muscle Strength and Cardiorespiratory Fitness in Youth With Insulin Resistance and β -Cell Function in Young Adulthood. Diabetes Care, 2013, 36, 2575-2581.	8.6	71
75	Physical activity intensity and subclinical atherosclerosis in Danish adolescents: The European Youth Heart Study. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, e168-77.	2.9	28
76	Screen Time Viewing Behaviors and Isometric Trunk Muscle Strength in Youth. Medicine and Science in Sports and Exercise, 2013, 45, 1975-1980.	0.4	6
77	Mechanical and free living comparisons of four generations of the Actigraph activity monitor. International Journal of Behavioral Nutrition and Physical Activity, 2012, 9, 113.	4.6	94
78	Cardiovascular disease risk factors and blood pressure response during exercise in healthy children and adolescents: The European Youth Heart Study. Journal of Applied Physiology, 2010, 109, 1125-1132.	2.5	21