

Rebecca L Thomson

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,022
citations

304368

22
h-index

253896

43
g-index

52
all docs

52
docs citations

52
times ranked

2679
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring Athletic Training Status Through Autonomic Heart Rate Regulation: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2016, 46, 1461-1486.	3.1	241
2	The Effect of a Hypocaloric Diet with and without Exercise Training on Body Composition, Cardiometabolic Risk Profile, and Reproductive Function in Overweight and Obese Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3373-3380.	1.8	216
3	Vitamin D in the aetiology and management of polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2012, 77, 343-350.	1.2	208
4	Lifestyle management improves quality of life and depression in overweight and obese women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2010, 94, 1812-1816.	0.5	163
5	Good agreement between bioelectrical impedance and dual-energy X-ray absorptiometry for estimating changes in body composition during weight loss in overweight young women. <i>Clinical Nutrition</i> , 2007, 26, 771-777.	2.3	152
6	Supplementation with a whey protein hydrolysate enhances recovery of muscle force-generating capacity following eccentric exercise. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 178-181.	0.6	98
7	Gut microbiome dysbiosis and increased intestinal permeability in children with islet autoimmunity and type 1 diabetes: A prospective cohort study. <i>Pediatric Diabetes</i> , 2019, 20, 574-583.	1.2	86
8	Contextualizing Parasympathetic Hyperactivity in Functionally Overreached Athletes With Perceptions of Training Tolerance. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 685-692.	1.1	56
9	Exercise for the treatment and management of overweight women with polycystic ovary syndrome: a review of the literature. <i>Obesity Reviews</i> , 2011, 12, e202-10.	3.1	54
10	Evidence of altered cardiac autonomic regulation in myalgic encephalomyelitis/chronic fatigue syndrome. <i>Medicine (United States)</i> , 2019, 98, e17600.	0.4	52
11	Comparison of aerobic exercise capacity and muscle strength in overweight women with and without polycystic ovary syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 1242-1250.	1.1	45
12	The effect of diet and exercise on markers of endothelial function in overweight and obese women with polycystic ovary syndrome. <i>Human Reproduction</i> , 2012, 27, 2169-2176.	0.4	44
13	Effects of Eating Fresh Lean Pork on Cardiometabolic Health Parameters. <i>Nutrients</i> , 2012, 4, 711-723.	1.7	43
14	Effect of vibration on muscle perfusion: a systematic review. <i>Clinical Physiology and Functional Imaging</i> , 2013, 33, 1-10.	0.5	39
15	Muscle strength gains during resistance exercise training are attenuated with soy compared with dairy or usual protein intake in older adults: A randomized controlled trial. <i>Clinical Nutrition</i> , 2016, 35, 27-33.	2.3	37
16	Perceived exercise barriers are reduced and benefits are improved with lifestyle modification in overweight and obese women with polycystic ovary syndrome: a randomised controlled trial. <i>BMC Women's Health</i> , 2016, 16, 14.	0.8	36
17	Predictors of Lifestyle Intervention Attrition or Weight Loss Success in Women with Polycystic Ovary Syndrome Who Are Overweight or Obese. <i>Nutrients</i> , 2019, 11, 492.	1.7	34
18	Distinct Gut Virome Profile of Pregnant Women With Type 1 Diabetes in the ENDIA Study. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz025.	0.4	32

#	ARTICLE	IF	CITATIONS
19	Monitoring athletic training status using the maximal rate of heart rate increase. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 590-595.	0.6	31
20	The effect of functional overreaching on parameters of autonomic heart rate regulation. <i>European Journal of Applied Physiology</i> , 2017, 117, 541-550.	1.2	30
21	Maximal rate of increase in heart rate during the rest-exercise transition tracks reductions in exercise performance when training load is increased. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 129-133.	0.6	25
22	Diagnostic sensitivity of 2-day cardiopulmonary exercise testing in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. <i>Journal of Translational Medicine</i> , 2019, 17, 80.	1.8	24
23	Improved heart rate recovery despite reduced exercise performance following heavy training: A within-subject analysis. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 255-259.	0.6	23
24	Type 1 diabetes in pregnancy is associated with distinct changes in the composition and function of the gut microbiome. <i>Microbiome</i> , 2021, 9, 167.	4.9	23
25	Effect of acute exercise-induced fatigue on maximal rate of heart rate increase during submaximal cycling. <i>Research in Sports Medicine</i> , 2016, 24, 1-15.	0.7	19
26	Vibration Therapy Is No More Effective Than the Standard Practice of Massage and Stretching for Promoting Recovery From Muscle Damage After Eccentric Exercise. <i>Clinical Journal of Sport Medicine</i> , 2015, 25, 332-337.	0.9	18
27	Pancreas size and exocrine function is decreased in young children with recent-onset Type 1 diabetes. <i>Diabetic Medicine</i> , 2020, 37, 1340-1343.	1.2	18
28	Heart rate recovery improves after weight loss in overweight and obese women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2010, 93, 1173-1178.	0.5	17
29	Seasonal effects on vitamin D status influence outcomes of lifestyle intervention in overweight and obese women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2013, 99, 1779-1785.	0.5	17
30	Tracking Performance Changes With Running-Stride Variability When Athletes Are Functionally Overreached. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 357-363.	1.1	17
31	Protein hydrolysates and tissue repair. <i>Nutrition Research Reviews</i> , 2011, 24, 191-197.	2.1	16
32	Maximal rate of heart rate increase correlates with fatigue/recovery status in female cyclists. <i>European Journal of Applied Physiology</i> , 2017, 117, 2425-2431.	1.2	12
33	Testing the Hip Abductor Muscle Strength of Older Persons Using a Handheld Dynamometer. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2017, 8, 166-172.	0.6	12
34	Higher frequency of vertebrate-infecting viruses in the gut of infants born to mothers with type 1 diabetes. <i>Pediatric Diabetes</i> , 2020, 21, 271-279.	1.2	10
35	A Pilot Study on the Impact of Menstrual Cycle Phase on Elite Australian Football Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9591.	1.2	10
36	Australian children with type 1 diabetes consume high sodium and high saturated fat diets: Comparison with national and international guidelines. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 1188-1193.	0.4	9

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37	Changes in pancreatic exocrine function in young at-risk children followed to islet autoimmunity and type 1 diabetes in the ENDIA study. <i>Pediatric Diabetes</i> , 2020, 21, 945-949.	1.2	9
38	Optimization of Maximal Rate of Heart Rate Increase Assessment in Runners. <i>Research Quarterly for Exercise and Sport</i> , 2018, 89, 322-331.	0.8	7
39	Increases in Plasma Lutein through Supplementation Are Correlated with Increases in Physical Activity and Reductions in Sedentary Time in Older Adults. <i>Nutrients</i> , 2014, 6, 974-984.	1.7	6
40	Women with type 1 diabetes exhibit a progressive increase in gut <i>Saccharomyces cerevisiae</i> in pregnancy associated with evidence of gut inflammation. <i>Diabetes Research and Clinical Practice</i> , 2022, 184, 109189.	1.1	6
41	Optimisation of assessment of maximal rate of heart rate increase for tracking training-induced changes in endurance exercise performance. <i>Scientific Reports</i> , 2020, 10, 2528.	1.6	5
42	Associations between diet, the gut microbiome and short chain fatty acids in youth with islet autoimmunity and type 1 diabetes. <i>Pediatric Diabetes</i> , 2021, 22, 425-433.	1.2	5
43	Markers of Cardiac Autonomic Function During Consecutive Day Peak Exercise Tests in People With Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 771899.	1.3	5
44	Heart rate acceleration at relative workloads during treadmill and overground running for tracking exercise performance during functional overreaching. <i>Scientific Reports</i> , 2020, 10, 14622.	1.6	2
45	The Impact of Functional Overreaching on Post-exercise Parasympathetic Reactivation in Runners. <i>Frontiers in Physiology</i> , 2020, 11, 614765.	1.3	2
46	Evaluation of protocol amendments to the Environmental Determinants of Islet Autoimmunity (ENDIA) study during the COVID-19 pandemic. <i>Diabetic Medicine</i> , 2021, 38, e14638.	1.2	2
47	Mental Health During Late Pregnancy and Postpartum in Mothers With and Without Type 1 Diabetes: The ENDIA Study. <i>Diabetes Care</i> , 2022, 45, 1082-1090.	4.3	2
48	A Long-Term Evaluation of Facebook for Recruitment and Retention in the ENDIA Type 1 Diabetes Pregnancy-Birth Cohort Study. <i>Journal of Diabetes Science and Technology</i> , 2023, 17, 696-704.	1.3	2
49	Response to comment on: Thomson et al. Muscle strength gains during resistance exercise training are attenuated with soy compared with dairy or usual protein intake in older adults: A randomized controlled trial. <i>Clinical Nutrition</i> 35:27-33, 2016. <i>Clinical Nutrition</i> , 2016, 35, 1573-1574.	2.3	1
50	The Role of Diet and Lifestyle Modification in the Treatment of Polycystic Ovary Syndrome. , 2015, , 27-50.		0