

Jinlei Nie

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,445
citations

361296

20
h-index

360920

35
g-index

73
all docs

73
docs citations

73
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac autonomic disturbance following sprint-interval exercise in untrained young males: Does exercise volume matter?. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 32-39.	0.8	7
2	Hypoxic repeated sprint interval training improves cardiorespiratory fitness in sedentary young women. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 100-107.	0.8	6
3	Affective and Enjoyment Responses to Sprint Interval Training in Healthy Individuals: A Systematic Review and Meta-Analysis. <i>Frontiers in Psychology</i> , 2022, 13, 820228.	1.1	1
4	Effects of Low-Carbohydrate Diet and Exercise Training on Gut Microbiota. <i>Frontiers in Nutrition</i> , 2022, 9, 884550.	1.6	12
5	Sprint Interval Exercise Improves Cognitive Performance Unrelated to Postprandial Glucose Fluctuations at Different Levels of Normobaric Hypoxia. <i>Journal of Clinical Medicine</i> , 2022, 11, 3159.	1.0	1
6	Exercise training-induced visceral fat loss in obese women: The role of training intensity and modality. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 30-43.	1.3	28
7	Interval training causes the same exercise enjoyment as moderate-intensity training to improve cardiorespiratory fitness and body composition in young Chinese women with elevated BMI. <i>Journal of Sports Sciences</i> , 2021, 39, 1677-1686.	1.0	12
8	A Combined Approach for Health Assessment in Adolescent Endurance Runners. <i>Healthcare (Switzerland)</i> , 2021, 9, 163.	1.0	4
9	Kinetics, Moderators and Reference Limits of Exercise-Induced Elevation of Cardiac Troponin T in Athletes: A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2021, 12, 651851.	1.3	9
10	Carbohydrate Restriction with or without Exercise Training Improves Blood Pressure and Insulin Sensitivity in Overweight Women. <i>Healthcare (Switzerland)</i> , 2021, 9, 637.	1.0	8
11	Affective and Enjoyment Responses to Sprint Interval Exercise at Different Hypoxia Levels. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8171.	1.2	3
12	Impact of high-intensity interval and moderate-intensity continuous exercise on heart rate variability and cardiac troponin. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1301-1308.	0.4	4
13	Exercise Training Increases Serum Cardiac Troponin T Independent of Left Ventricular Mass. <i>International Journal of Sports Medicine</i> , 2021, , .	0.8	0
14	QTc interval prolongation during recovery from brief high-intensity intermittent exercise in obese adults. <i>Herz</i> , 2020, 45, 67-71.	0.4	3
15	The impact of exercise modality and menstrual cycle phase on circulating cardiac troponin T. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 309-314.	0.6	8
16	Short-Term Ketogenic Diet Improves Abdominal Obesity in Overweight/Obese Chinese Young Females. <i>Frontiers in Physiology</i> , 2020, 11, 856.	1.3	19
17	Affective and Enjoyment Responses to Short-Term High-Intensity Interval Training with Low-Carbohydrate Diet in Overweight Young Women. <i>Nutrients</i> , 2020, 12, 442.	1.7	8
18	Effects of Matched Intermittent and Continuous Exercise on Changes of Cardiac Biomarkers in Endurance Runners. <i>Frontiers in Physiology</i> , 2020, 11, 30.	1.3	7

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19	Impact of High-intensity Interval Exercise and Moderate-Intensity Continuous Exercise on the Cardiac Troponin T Level at an Early Stage of Training. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	2
20	High-intensity interval exercise lowers postprandial glucose concentrations more in obese adults than lean adults. <i>Primary Care Diabetes</i> , 2019, 13, 568-573.	0.9	6
21	Severe Hypoxia Does Not Offset the Benefits of Exercise on Cognitive Function in Sedentary Young Women. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1003.	1.2	14
22	The Effects of High-Intensity Interval Exercise and Hypoxia on Cognition in Sedentary Young Adults. <i>Medicina (Lithuania)</i> , 2019, 55, 43.	0.8	14
23	Non-Energy-Restricted Low-Carbohydrate Diet Combined with Exercise Intervention Improved Cardiometabolic Health in Overweight Chinese Females. <i>Nutrients</i> , 2019, 11, 3051.	1.7	23
24	Twelve weeks of low volume sprint interval training improves cardio-metabolic health outcomes in overweight females. <i>Journal of Sports Sciences</i> , 2019, 37, 1257-1264.	1.0	42
25	The impact of high-intensity interval training on the cTnT response to acute exercise in sedentary obese young women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 160-170.	1.3	10
26	The cTnT response to acute exercise at the onset of an endurance training program: evidence of exercise preconditioning?. <i>European Journal of Applied Physiology</i> , 2019, 119, 847-855.	1.2	4
27	Cardiac Biomarker Release After Exercise in Healthy Children and Adolescents: A Systematic Review and Meta-Analysis. <i>Pediatric Exercise Science</i> , 2019, 31, 28-36.	0.5	19
28	Effects Of Matched Intermittent Versus Continuous Exercises On The Changes Of Cardiac Biomarkers. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 4-4.	0.2	2
29	Effects of Specific Core Re-Warm-Ups on Core Function, Leg Perfusion and Second-Half Team Sport-Specific Sprint Performance: A Randomized Crossover Study. <i>Journal of Sports Science and Medicine</i> , 2019, 18, 479-489.	0.7	3
30	Influence of recovery duration during 6-s sprint interval exercise on time spent at high rates of oxygen uptake. <i>Journal of Exercise Science and Fitness</i> , 2018, 16, 16-20.	0.8	18
31	Cardiac troponins: Potential biomarkers for the detection of subclinical coronary artery disease in athletes participating in endurance sports. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 110-111.	0.8	1
32	Impact of high-intensity interval training and moderate-intensity continuous training on resting and postexercise cardiac troponin T concentration. <i>Experimental Physiology</i> , 2018, 103, 370-380.	0.9	20
33	A12464 The Relationship between Blood Lipid and Arterial Stiffness in Hypertension. <i>Journal of Hypertension</i> , 2018, 36, e211-e212.	0.3	0
34	Comparing Time Efficiency of Sprint vs. High-Intensity Interval Training in Reducing Abdominal Visceral Fat in Obese Young Women: A Randomized, Controlled Trial. <i>Frontiers in Physiology</i> , 2018, 9, 1048.	1.3	27
35	High-sensitivity cardiac troponin T release after a single bout of high-intensity interval exercise in experienced marathon runners. <i>Journal of Exercise Science and Fitness</i> , 2017, 15, 49-54.	0.8	12
36	Sex differences in release of cardiac troponin T after endurance exercise. <i>Biomarkers</i> , 2017, 22, 345-350.	0.9	27

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37	High-Intensity Interval Training in Normobaric Hypoxia Improves Cardiorespiratory Fitness in Overweight Chinese Young Women. <i>Frontiers in Physiology</i> , 2017, 8, 175.	1.3	27
38	Effects of 12-Week Endurance Training at Natural Low Altitude on the Blood Redox Homeostasis of Professional Adolescent Athletes: A Quasi-Experimental Field Trial. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	4
39	Comparison of High-Intensity Interval Training and Moderate-to-Vigorous Continuous Training for Cardiometabolic Health and Exercise Enjoyment in Obese Young Women: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2016, 11, e0158589.	1.1	129
40	Effects of acute, intermittent exercise in hypoxic environments on the release of cardiac troponin. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 397-403.	1.3	10
41	Histological evidence for reversible cardiomyocyte changes and serum cardiac troponin T elevation after exercise in rats. <i>Physiological Reports</i> , 2016, 4, e13083.	0.7	11
42	The impact of intermittent exercise in a hypoxic environment on redox status and cardiac troponin release in the serum of well-trained marathon runners. <i>European Journal of Applied Physiology</i> , 2016, 116, 2045-2051.	1.2	6
43	“Functional” Inspiratory and Core Muscle Training Enhances Running Performance and Economy. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 2942-2951.	1.0	35
44	Short sprints (30s) attenuate post-prandial blood glucose in young healthy males. <i>Primary Care Diabetes</i> , 2015, 9, 446-450.	0.9	5
45	Reproducibility of cardiac biomarkers response to prolonged treadmill exercise. <i>Biomarkers</i> , 2014, 19, 114-120.	0.9	17
46	Sport-specific endurance plank test for evaluation of global core muscle function. <i>Physical Therapy in Sport</i> , 2014, 15, 58-63.	0.8	82
47	The occurrence of core muscle fatigue during high-intensity running exercise and its limitation to performance: the role of respiratory work. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 244-51.	0.7	21
48	Serum Oxidant and Antioxidant Status Following an All-Out 21-km Run in Adolescent Runners Undergoing Professional Training—A One-Year Prospective Trial. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15167-15178.	1.8	13
49	The Release of Immunosuppressive Factor(s) in Young Males Following Exercise. <i>Sensors</i> , 2012, 12, 5586-5595.	2.1	2
50	Red Light and the Sleep Quality and Endurance Performance of Chinese Female Basketball Players. <i>Journal of Athletic Training</i> , 2012, 47, 673-678.	0.9	63
51	Respiratory and locomotor muscle blood volume and oxygenation kinetics during intense intermittent exercise. <i>European Journal of Sport Science</i> , 2012, 12, 321-330.	1.4	4
52	The kinetics of highly sensitive cardiac troponin T release after prolonged treadmill exercise in adolescent and adult athletes. <i>Journal of Applied Physiology</i> , 2012, 113, 418-425.	1.2	81
53	Acute changes in glycemic homeostasis in response to brief high-intensity intermittent exercise in obese adults. <i>Journal of Exercise Science and Fitness</i> , 2012, 10, 97-100.	0.8	14
54	Serum Oxidant and Antioxidant Status in Adolescents Undergoing Professional Endurance Sports Training. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-7.	1.9	21

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55	Effects of Non-Wingate-based High-intensity Interval Training on Cardiorespiratory Fitness and Aerobic-based Exercise Capacity in Sedentary Subjects: A Preliminary Study. <i>Journal of Exercise Science and Fitness</i> , 2011, 9, 75-81.	0.8	7
56	The Influence of a Half-Marathon Race Upon Cardiac Troponin T Release in Adolescent Runners. <i>Current Medicinal Chemistry</i> , 2011, 18, 3452-3456.	1.2	27
57	Resting and post-exercise serum biomarkers of cardiac and skeletal muscle damage in adolescent runners. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 625-629.	1.3	81
58	The effects of time and intensity of exercise on novel and established markers of CVD in adolescent youth. <i>American Journal of Human Biology</i> , 2011, 23, 517-526.	0.8	88
59	Renal function parameters during early and late recovery periods following an all-out 21-km run in trained adolescent runners. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 993-997.	1.4	16
60	Effect of Repeated Endurance Runs on Cardiac Biomarkers and Function in Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2081-2088.	0.2	26
61	Serum oxidant and antioxidant status during early and late recovery periods following an all-out 21-km run in trained adolescent runners. <i>European Journal of Applied Physiology</i> , 2010, 110, 971-976.	1.2	15
62	Temporal association of elevations in serum cardiac troponin T and myocardial oxidative stress after prolonged exercise in rats. <i>European Journal of Applied Physiology</i> , 2010, 110, 1299-1303.	1.2	49
63	Impact of a 21-km Run on Cardiac Biomarkers in Adolescent Runners. <i>Journal of Exercise Science and Fitness</i> , 2010, 8, 61-66.	0.8	14
64	Serum Cardiac Troponin T in Adolescent Runners: Effects of Exercise Intensity and Duration. <i>International Journal of Sports Medicine</i> , 2009, 30, 168-172.	0.8	68
65	The effect of inspiratory muscle training on high-intensity, intermittent running performance to exhaustion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 671-681.	0.9	43
66	Serum Cardiac Troponin Response in Adolescents Playing Basketball. <i>International Journal of Sports Medicine</i> , 2008, 29, 449-452.	0.8	48
67	Specific inspiratory muscle warm-up enhances badminton footwork performance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 1082-1088.	0.9	30
68	Changes in Serum Cardiac Troponin T Following a Non-exhaustive 10-km Run in Adolescent Male Runners. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S284.	0.2	0
69	Changes in Serum Cardiac Troponin T and Myocardial Histological Findings in Exercise and Isoprenaline-treated Rats. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S287.	0.2	0
70	The Impact of Sprint Interval Exercise in Acute Severe Hypoxia on Executive Function. <i>High Altitude Medicine and Biology</i> , 0, , .	0.5	2
71	Cardiac autonomic disturbance following resistance and sprint-interval exercises in non-obese and obese young men. <i>Applied Physiology, Nutrition and Metabolism</i> , 0, , .	0.9	1
72	Effect of a Low-Carbohydrate Diet With or Without Exercise on Anxiety and Eating Behavior and Associated Changes in Cardiometabolic Health in Overweight Young Women. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1