

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
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73
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73
docs citations

73
times ranked

1588
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Serum Cardiac Troponin Response in Adolescents Playing Basketball. <i>International Journal of Sports Medicine</i> , 2008, 29, 449-452. | 0.8 | 48 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Specific inspiratory muscle warm-up enhances badminton footwork performance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 1082-1088. | 0.9 | 30 |
| 14 | 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 |
| 15 | 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 |
| 16 | Sex differences in release of cardiac troponin T after endurance exercise. <i>Biomarkers</i> , 2017, 22, 345-350. | 0.9 | 27 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Short-Term Ketogenic Diet Improves Abdominal Obesity in Overweight/Obese Chinese Young Females. <i>Frontiers in Physiology</i> , 2020, 11, 856. | 1.3 | 19 |
| 26 | 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 |
| 27 | Reproducibility of cardiac biomarkers response to prolonged treadmill exercise. <i>Biomarkers</i> , 2014, 19, 114-120. | 0.9 | 17 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 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 | 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 |

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|----|---|-----|-----------|
| 37 | Effects of Low-Carbohydrate Diet and Exercise Training on Gut Microbiota. <i>Frontiers in Nutrition</i> , 2022, 9, 884550. | 1.6 | 12 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | Short sprints (30s) attenuate post-prandial blood glucose in young healthy males. <i>Primary Care Diabetes</i> , 2015, 9, 446-450. | 0.9 | 5 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | A Combined Approach for Health Assessment in Adolescent Endurance Runners. <i>Healthcare (Switzerland)</i> , 2021, 9, 163. | 1.0 | 4 |
| 56 | 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 |
| 57 | QTc interval prolongation during recovery from brief high-intensity intermittent exercise in obese adults. <i>Herz</i> , 2020, 45, 67-71. | 0.4 | 3 |
| 58 | 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 |
| 59 | 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 |
| 60 | The Release of Immunosuppressive Factor(s) in Young Males Following Exercise. <i>Sensors</i> , 2012, 12, 5586-5595. | 2.1 | 2 |
| 61 | 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 |
| 62 | 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 |
| 63 | The Impact of Sprint Interval Exercise in Acute Severe Hypoxia on Executive Function. <i>High Altitude Medicine and Biology</i> , 0, , . | 0.5 | 2 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | A12464 The Relationship between Blood Lipid and Arterial Stiffness in Hypertension. <i>Journal of Hypertension</i> , 2018, 36, e211-e212. | 0.3 | 0 |
| 70 | Changes in Serum Cardiac Troponins 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 |
| 71 | 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 |
| 72 | Exercise Training Increases Serum Cardiac Troponin T Independent of Left Ventricular Mass. <i>International Journal of Sports Medicine</i> , 2021, , . | 0.8 | 0 |