

Zachary M Gillen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

149
citations

1477746

6
h-index

1372195

10
g-index

23
all docs

23
docs citations

23
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of the Stretch-Shortening Cycle and Arm Swing on Vertical Jump Performance in Children and Adolescents. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 1245-1256.	1.0	4
2	Differences in muscle energy metabolism and metabolic flexibility between sarcopenic and nonsarcopenic older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1224-1237.	2.9	7
3	Effects of Eccentric Pre-loading on Concentric Vertical Jump Performance in Young Female Athletes. <i>Journal of Science in Sport and Exercise</i> , 2021, 3, 98-106.	0.4	5
4	Comparisons of muscle strength, size, and voluntary activation in pre- and post-pubescent males and females. <i>European Journal of Applied Physiology</i> , 2021, 121, 2487-2497.	1.2	7
5	Comparisons of countermovement jump force profiles in youth athletes. <i>Translational Sports Medicine</i> , 2021, 4, 646-656.	0.5	4
6	Impact of slow versus rapid digesting carbohydrates on substrate oxidation in pre-pubertal children: A randomized crossover trial. <i>Clinical Nutrition</i> , 2021, 40, 3718-3728.	2.3	4
7	Normative Reference Values for High School-Aged American Football Players. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2849-2856.	1.0	7
8	Normative Reference Values for High School-Aged American Football Players: Proagility Drill and 40-Yard Dash Split Times. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1184-1187.	1.0	3
9	High Prevalence of Poor Iron Status Among 8- to 16-Year-Old Youth Athletes: Interactions Among Biomarkers of Iron, Dietary Intakes, and Biological Maturity. <i>Journal of the American College of Nutrition</i> , 2020, 39, 155-162.	1.1	11
10	Endogenous versus exogenous carbohydrate oxidation measured by stable isotopes in pre-pubescent children plus ¹³ C abundances in foods consumed three days prior. <i>Metabolism Open</i> , 2020, 7, 100041.	1.4	1
11	Leg Extension Strength, Explosive Strength, Muscle Activation, and Growth as Predictors of Vertical Jump Performance in Youth Athletes. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 336-348.	0.4	6
12	Comparing the torque- and power-velocity relationships between children and adolescents during isokinetic leg extension muscle actions. <i>Human Movement Science</i> , 2020, 74, 102678.	0.6	4
13	Test-Retest Reliability of Static and Countermovement Power Push-Up Tests in Young Male Athletes. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2456-2464.	1.0	6
14	Peak Torque Explains More Unique Variability in Growth Measurements than Rate of Torque Development in Young Boys and Girls. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2507-2514.	1.0	0
15	Sex-specific relationships among iron status biomarkers, athletic performance, maturity, and dietary intakes in pre-adolescent and adolescent athletes. <i>Journal of the International Society of Sports Nutrition</i> , 2019, 16, 42.	1.7	4
16	Muscle strength, size, and neuromuscular function before and during adolescence. <i>European Journal of Applied Physiology</i> , 2019, 119, 1619-1632.	1.2	18
17	Performance Differences between National Football League and High School American Football Combine Participants. <i>Research Quarterly for Exercise and Sport</i> , 2019, 90, 227-233.	0.8	3
18	Effects of Eccentric Preloading on Concentric Vertical Jump Performance in Youth Athletes. <i>Journal of Applied Biomechanics</i> , 2019, 35, 327-335.	0.3	18

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19	State Population Influences Athletic Performance Combine Test Scores in High School-Aged American Football Players. <i>International Journal of Exercise Science</i> , 2019, 12, 256-262.	0.5	0
20	Test-Retest Reliability and Concurrent Validity of Athletic Performance Combine Tests in 6â€“15-Year-Old Male Athletes. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2783-2794.	1.0	15
21	Anthropometric and Athletic Performance Combine Test Results Among Positions Within Grade Levels of High Schoolâ€“Aged American Football Players. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 1288-1296.	1.0	9
22	Reliability and Sensitivity of the Power Push-up Test for Upper-Body Strength and Power in 6â€“15-Year-Old Male Athletes. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 83-96.	1.0	9
23	Stature, Body Mass, and Body Mass Index in High School American Football Players: Appropriate Determinants of Obesity Prevalence?. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 3119-3126.	1.0	4