Thomas Maden-Wilkinson

List of Publications by Year
in descending order

31 papers	989 citations	471371 17 h-index	454834 30 g-index
31 all docs	31 docs citations	31 times ranked	1370 citing authors

#	Article	IF	Citations
1	Upper Limb Muscleâ€“Bone Asymmetries and Bone Adaptation in Elite Youth Tennis Players. Medicine and Science in Sports and Exercise, 2013, 45, 1749-1758.	0.2	81
2	The Contributions of Fiber Atrophy, Fiber Loss, In Situ Specific Force, and Voluntary Activation to Weakness in Sarcopenia. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1287-1294.	1.7	80
3	Training-specific functional, neural, and hypertrophic adaptations to explosive- vs. sustained-contraction strength training. Journal of Applied Physiology, 2016, 120, 1364-1373.	1.2	76
4	Changes in agonist neural drive, hypertrophy and pre-training strength all contribute to the individual strength gains after resistance training. European Journal of Applied Physiology, 2017, 117, 631-640.	1.2	69
5	Associations between muscle strength, spirometric pulmonary function and mobility in healthy older adults. Age, 2014, 36, 9667.	3.0	64
6	Thigh muscle volume in relation to age, sex and femur volume. Age, 2014, 36, 383-393.	3.0	56
7	Effects of age and starting age upon side asymmetry in the arms of veteran tennis players: a cross-sectional study. Osteoporosis International, 2014, 25, 1389-1400.	1.3	53
8	Physiological and functional evaluation of healthy young and older men and women: design of the European MyoAge study. Biogerontology, 2013, 14, 325-337.	2.0	50
9	What makes long-term resistance-trained individuals so strong? A comparison of skeletal muscle morphology, architecture, and joint mechanics. Journal of Applied Physiology, 2020, 128, 1000-1011.	1.2	48
10	Age-Related Loss of Muscle Mass, Strength, and Power and Their Association With Mobility in Recreationally-Active Older Adults in the United Kingdom. Journal of Aging and Physical Activity, 2015, 23, 352-360.	0.5	46
11	Neural adaptations after 4 years vs 12 weeks of resistance training vs untrained. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 348-359.	1.3	42
12	Relationship between ventilatory function and age in master athletes and a sedentary reference population. Age, 2013, 35, 1007-1015.	3.0	39
13	Mechanical and morphological determinants of peak power output in elite cyclists. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 227-237.	1.3	36
14	Sex differences in muscle morphology of the knee flexors and knee extensors. PLoS ONE, 2018, 13, e0190903.	1.1	34
15	Reliability of quadriceps surface electromyography measurements is improved by two vs. single site recordings. European Journal of Applied Physiology, 2017, 117, 1085-1094.	1.2	29
16	Circulating levels of dickkopf-1, osteoprotegerin and sclerostin are higher in old compared with young men and women and positively associated with whole-body bone mineral density in older adults. Osteoporosis International, 2017, 28, 2683-2689.	1.3	27
17	Knee extensor fatigue resistance of young and older men and women performing sustained and brief intermittent isometric contractions. Muscle and Nerve, 2014, 50, 393-400.	1.0	26
18	Overreaching and overtraining in strength sports and resistance training: A scoping review. Journal of Sports Sciences, 2020, 38, 1897-1912.	1.0	18

#	Article	IF	Citations
19	COVID-19 patients require multi-disciplinary rehabilitation approaches to address persisting symptom profiles and restore pre-COVID quality of life. Expert Review of Respiratory Medicine, 2022, 16, 595-600.	1.0	18
20	Neural adaptations to long-term resistance training: evidence for the confounding effect of muscle size on the interpretation of surface electromyography. Journal of Applied Physiology, 2021, 131, 702-715.	1.2	17
21	Muscle size and strength: debunking the â€œcompletely separate phenomenaâ€•suggestion. European Journal of Applied Physiology, 2017, 117, 1275-1276.	1.2	14
22	Tendinous tissue properties after shortâ€•and longâ€term functional overload: Differences between controls, 12Âweeks and 4Âyears of resistance training. Acta Physiologica, 2018, 222, e13019.	1.8	13
23	The influence of patellar tendon and muscleâ€“tendon unit stiffness on quadriceps explosive strength in man. Experimental Physiology, 2017, 102, 448-461.	0.9	12
24	Assessing the Acceptability of a Co-Produced Long COVID Intervention in an Underserved Community in the UK. International Journal of Environmental Research and Public Health, 2021, 18, 13191.	1.2	10
25	Greater tibial bone strength in male tennis players than controls in the absence of greater muscle output. Journal of Orthopaedic Translation, 2015, 3, 142-151.	1.9	8
26	â€œIs It Overtraining or Just Work Ethic?â€• Coachesâ€™ Perceptions of Overtraining in High-Performance Strength Sports. Sports, 2021, 9, 85.	0.7	7
27	Development of a Novel Nordic Hamstring Exercise Device to Measure and Modify the Knee Flexors' Torque-Length Relationship. Frontiers in Sports and Active Living, 2021, 3, 629606.	0.9	6
28	The Relationship Between Neuromuscular Function and the Wâ€² in Elite Cyclists. International Journal of Sports Physiology and Performance, 2021, 16, 1656-1662.	1.1	5
29	Agreement between methods and terminology used to assess the kinematics of the Nordic hamstring exercise. Journal of Sports Sciences, 2021, 39, 2859-2868.	1.0	2
30	â€œI Want to Create So Much Stimulus That Adaptation Goes Through the Roofâ€• High-Performance Strength Coaches' Perceptions of Planned Overreaching. Frontiers in Sports and Active Living, 2022, 4, 893581.	0.9	2
31	A flow resistive inspiratory muscle training mask worn during high-intensity interval training does not improve 5Âkm running time-trial performance. European Journal of Applied Physiology, 2021, 121, 183-191.	1.2	1