Dain P Laroche

List of Publications by Year
in descending order

31	958	471509 17	477307 29
papers	citations	h-index	g-index

31	31	31	1298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strength Asymmetry Increases Gait Asymmetry and Variability in Older Women. Medicine and Science in Sports and Exercise, 2012, 44, 2172-2181.	0.4	120
2	Rapid torque development in older female fallers and nonfallers: A comparison across lower-extremity muscles. Journal of Electromyography and Kinesiology, 2010, 20, 482-488.	1.7	113
3	Effects of Stretching on Passive Muscle Tension and Response to Eccentric Exercise. American Journal of Sports Medicine, 2006, 34, 1000-1007.	4.2	101
4	Blood flow restricted resistance training in older adults at risk of mobility limitations. Experimental Gerontology, 2017, 99, 138-145.	2.8	92
5	Effect of cryotherapy on muscle recovery and inflammation following a bout of damaging exercise. European Journal of Applied Physiology, 2013, 113, 2577-2586.	2.5	52
6	Low strength is related to diminished ground reaction forces and walking performance in older women. Gait and Posture, 2011, 33, 668-672.	1.4	49
7	Explosive Force and Fractionated Reaction Time in Elderly Low- and High-Active Women. Medicine and Science in Sports and Exercise, 2007, 39, 1659-1665.	0.4	48
8	Defining Intensity Domains from the End Power of a 3-min All-out Cycling Test. Medicine and Science in Sports and Exercise, 2010, 42, 1769-1775.	0.4	36
9	Chronic Stretching and Voluntary Muscle Force. Journal of Strength and Conditioning Research, 2008, 22, 589-596.	2.1	35
10	Fat mass limits lower-extremity relative strength and maximal walking performance in older women. Journal of Electromyography and Kinesiology, 2011, 21, 754-761.	1.7	33
11	Interaction of age, cognitive function, and gait performance in 50â€“80-year-olds. Age, 2014, 36, 9693.	3.0	32
12	Elderly Women Have Blunted Response to Resistance Training Despite Reduced Antagonist Coactivation. Medicine and Science in Sports and Exercise, 2008, 40, 1660-1668.	0.4	31
13	Handgrip Strength Asymmetry and Weakness May Accelerate Time to Mortality in Aging Americans. Journal of the American Medical Directors Association, 2020, 21, 2003-2007.e1.	2.5	31
14	Excess Body Weight and Gait Influence Energy Cost of Walking in Older Adults. Medicine and Science in Sports and Exercise, 2015, 47, 1017-1025.	0.4	28
15	Caregiver perspectives on a smart home-based socially assistive robot for individuals with Alzheimerâ€™s disease and related dementia. Disability and Rehabilitation: Assistive Technology, 2020, 15, 789-798.	2.2	26
16	Antagonist coactivation of trunk stabilizer muscles during Pilates exercises. Journal of Bodywork and Movement Therapies, 2014, 18, 34-41.	1.2	22
17	Asymmetry of lower extremity force and muscle activation during knee extension and functional tasks. Muscle and Nerve, 2017, 56, 495-504.	2.2	22
18	Step Frequency Training Improves Running Economy in Well-Trained Female Runners. Journal of Strength and Conditioning Research, 2021, 35, 2511-2517.	2.1	16

#	Article	IF	Citations
19	Knee extensor power asymmetry is unrelated to functional mobility of older adults. Experimental Gerontology, 2017, 98, 54-61.	2.8	15
20	Utility of electromyographic fatigue threshold during treadmill running. Muscle and Nerve, 2015, 52, 1030-1039.	2.2	12
21	Hip extension power and abduction power asymmetry as independent predictors of walking speed in individuals with unilateral lower-limb amputation. Gait and Posture, 2019, 70, 383-388.	1.4	12
22	Physiological determinants of walking effort in older adults: should they be targets for physical activity intervention?. GeroScience, 2018, 40, 305-315.	4.6	11
23	Initial neuromuscular performance in older women influences response to explosive resistance training. Isokinetics and Exercise Science, 2009, 17, 197-205.	0.4	6
24	Grade Influences Blood Lactate Kinetics During Cross-Country Skiing. Journal of Strength and Conditioning Research, 2010, 24, 120-127.	2.1	3
25	Augmenting strength-to-weight ratio by body weight unloading affects walking performance equally in obese and nonobese older adults. Age, 2016, 38, 21.	3.0	3
26	Plantarflexor passive-elastic properties related to BMI and walking performance in older women. Gait and Posture, 2017, 53, 55-60.	1.4	3
27	Comparison of the H:Q Ratio Between the Dominant and Nondominant Legs of Soccer Players: A Meta-analysis. Sports Health, 2023, 15, 486-496.	2.7	3
28	Influence of excess weight on lowerâ€extremity vertical stiffness and metabolic cost of walking. European Journal of Sport Science, 2020, 20, 477-485.	2.7	2
29	Initial neuromuscular performance in older women influences response to explosive resistance training. Isokinetics and Exercise Science, 2009, 17, 197.	0.4	1
30	Effect of Resistance Training on Intermuscular Adipose Tissue in Older Adults at Risk of Mobility Limitations. FASEB Journal, 2015, 29, 677.16.	0.5	0
31	Excess Body Weight Affects Viscoelastic Properties of Triceps Surae in Older Women. FASEB Journal, 2015, 29, 815.3.	0.5	0