Callum G Brownstein

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4988593/publications.pdf

Version: 2024-02-01

31	651	759055 12	642610 23
papers	citations	h-index	g-index

32	32	32	717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Menstrual cycle-associated modulations in neuromuscular function and fatigability of the knee extensors in eumenorrheic women. Journal of Applied Physiology, 2019, 126, 1701-1712.	1.2	113
2	Etiology and Recovery of Neuromuscular Fatigue following Competitive Soccer Match-Play. Frontiers in Physiology, 2017, 8, 831.	1.3	72
3	Sex differences in fatigability and recovery relative to the intensityâ€“duration relationship. Journal of Physiology, 2019, 597, 5577-5595.	1.3	69
4	The knowns and unknowns of neural adaptations to resistance training. European Journal of Applied Physiology, 2021, 121, 675-685.	1.2	56
5	Myths and Methodologies: How loud is the story told by the transcranial magnetic stimulationâ€evoked silent period?. Experimental Physiology, 2019, 104, 635-642.	0.9	48
6	An optimal protocol for measurement of corticospinal excitability, short intracortical inhibition and intracortical facilitation in the rectus femoris. Journal of the Neurological Sciences, 2018, 394, 45-56.	0.3	35
7	Taskâ€specific strength increases after lowerâ€limb compound resistance training occurred in the absence of corticospinal changes in vastus lateralis. Experimental Physiology, 2020, 105, 1132-1150.	0.9	23
8	Motor cortical and corticospinal function differ during an isometric squat compared with isometric knee extension. Experimental Physiology, 2018, 103, 1251-1263.	0.9	22
9	Neuromuscular responses to fatiguing locomotor exercise. Acta Physiologica, 2021, 231, e13533.	1.8	20
10	Physiological and psychosocial correlates of cancer-related fatigue. Journal of Cancer Survivorship, 2022, 16, 1339-1354.	1.5	19
11	Reduced corticospinal responses in older compared with younger adults during submaximal isometric, shortening, and lengthening contractions. Journal of Applied Physiology, 2019, 126, 1015-1031.	1.2	16
12	Electrical stimulation of human corticospinal axons at the level of the lumbar spinal segments. European Journal of Neuroscience, 2019, 49, 1254-1267.	1.2	16
13	Sex Differences in Neuromuscular Fatigue and Changes in Cost of Running after Mountain Trail Races of Various Distances. Medicine and Science in Sports and Exercise, 2021, 53, 2374-2387.	0.2	15
14	The Effect of Maturation on Performance During Repeated Sprints With Self-Selected Versus Standardized Recovery Intervals in Youth Footballers. Pediatric Exercise Science, 2018, 30, 500-505.	0.5	12
15	The Effect of Phase Change Material on Recovery of Neuromuscular Function Following Competitive Soccer Match-Play. Frontiers in Physiology, 2019, 10, 647.	1.3	10
16	Disparate kinetics of change in responses to electrical stimulation at the thoracic and lumbar level during fatiguing isometric knee extension. Journal of Applied Physiology, 2020, 128, 159-167.	1.2	10
17	Determining the Intracortical Responses After a Single Session of Aerobic Exercise in Young Healthy Individuals: A Systematic Review and Best Evidence Synthesis. Journal of Strength and Conditioning Research, 2021, 35, 562-575.	1.0	10
18	Corticospinal excitability of tibialis anterior and soleus differs during passive ankle movement. Experimental Brain Research, 2019, 237, 2239-2254.	0.7	9

#	Article	IF	Citations
19	Reductions in motoneuron excitability during sustained isometric contractions are dependent on stimulus and contraction intensity. Journal of Neurophysiology, 2021, 125, 1636-1646.	0.9	9
20	Physiological, Perceptual and Performance Responses Associated With Self-Selected Versus Standardized Recovery Periods During a Repeated Sprint Protocol in Elite Youth Football Players: A Preliminary Study. Pediatric Exercise Science, 2017, 29, 186-193.	0.5	8
21	Fatigue-induced changes in short-interval intracortical inhibition and the silent period with stimulus intensities evoking maximal versus submaximal responses. Journal of Applied Physiology, 2020, 129, 205-217.	1.2	8
22	Relationship between intensive care unit-acquired weakness, fatigability and fatigue: What role for the central nervous system?. Journal of Critical Care, 2021, 62, 101-110.	1.0	8
23	Disparate Mechanisms of Fatigability in Response to Prolonged Running versus Cycling of Matched Intensity and Duration. Medicine and Science in Sports and Exercise, 2022, 54, 872-882.	0.2	8
24	Mechanisms of Neuromuscular Fatigability in People with Cancer-Related Fatigue. Medicine and Science in Sports and Exercise, 2022, 54, 1355-1363.	0.2	7
25	French Translation and Validation of the Rating-of-Fatigue Scale. Sports Medicine - Open, 2021, 7, 25.	1.3	6
26	Effect of race distance on performance fatigability in male trail and ultraâ€trail runners. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1809-1821.	1.3	6
27	Differences in force normalising procedures during submaximal anisometric contractions. Journal of Electromyography and Kinesiology, 2018, 41, 82-88.	0.7	4
28	Chronic fatigue in myelodysplastic syndromes: Looking beyond anemia. Critical Reviews in Oncology/Hematology, 2020, 154, 103067.	2.0	4
29	Methodological issues influence determination of critical force during intermittent exercise: authorsâ€™ reply. Journal of Physiology, 2019, 597, 5987-5989.	1.3	3
30	Central fatigue aetiology in prolonged trail running races. Experimental Physiology, 2021, 106, 663-672.	0.9	3
31	The Acute and Delayed Effects of Foam Rolling Duration on Male Athleteâ€™s Flexibility and Vertical Jump Performance. International Journal of Strength and Conditioning, 2022, 2, .	0.2	1