

Neale A Tillin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7181575/publications.pdf>

Version: 2024-02-01

26
papers

2,260
citations

623574

14
h-index

610775

24
g-index

27
all docs

27
docs citations

27
times ranked

2096
citing authors

#	ARTICLE	IF	CITATIONS
1	Rate of torque development scaled to maximum torque available is velocity dependent. <i>Journal of Biomechanics</i> , 2021, 114, 110144.	0.9	1
2	Lead limb loading during a single-step descent in persons with and without a transtibial amputation in the trailing limb. <i>Clinical Biomechanics</i> , 2021, 82, 105279.	0.5	1
3	Progressive hyperthermia elicits distinct responses in maximum and rapid torque production. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 811-817.	0.6	5
4	The associations between asymmetries in quadriceps strength and gait in individuals with unilateral transtibial amputation. <i>Gait and Posture</i> , 2021, 90, 267-273.	0.6	4
5	Ingestion of lean meat elevates muscle inositol hexakisphosphate kinase 1 protein content independent of a distinct post-prandial circulating proteome in young adults with obesity. <i>Metabolism: Clinical and Experimental</i> , 2020, 102, 153996.	1.5	6
6	The effects of long-term muscle disuse on neuromuscular function in unilateral transtibial amputees. <i>Experimental Physiology</i> , 2020, 105, 408-418.	0.9	2
7	Foot strike alters ground reaction force and knee load when stepping down during ongoing walking. <i>Gait and Posture</i> , 2020, 76, 327-333.	0.6	6
8	Mechanisms to Attenuate Load in the Intact Limb of Transtibial Amputees When Performing a Unilateral Drop Landing. <i>Journal of Applied Biomechanics</i> , 2020, 36, 4-12.	0.3	2
9	The Role of the IGF-1 Signaling Cascade in Muscle Protein Synthesis and Anabolic Resistance in Aging Skeletal Muscle. <i>Frontiers in Nutrition</i> , 2019, 6, 146.	1.6	87
10	Contraction speed and type influences rapid utilisation of available muscle force: neural and contractile mechanisms. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	15
11	Passive elastic contribution of hip extensors to joint moments during walking in people with low back pain. <i>Clinical Biomechanics</i> , 2018, 60, 134-140.	0.5	12
12	Tendinous Tissue Adaptation to Explosive- vs. Sustained-Contraction Strength Training. <i>Frontiers in Physiology</i> , 2018, 9, 1170.	1.3	20
13	Nitrate Supplement Benefits Contractile Forces in Fatigued but Not Unfatigued Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2122-2131.	0.2	24
14	The influence of patellar tendon and muscle-tendon unit stiffness on quadriceps explosive strength in man. <i>Experimental Physiology</i> , 2017, 102, 448-461.	0.9	12
15	Rate of force development: physiological and methodological considerations. <i>European Journal of Applied Physiology</i> , 2016, 116, 1091-1116.	1.2	803
16	Training-specific functional, neural, and hypertrophic adaptations to explosive- vs. sustained-contraction strength training. <i>Journal of Applied Physiology</i> , 2016, 120, 1364-1373.	1.2	76
17	Twelve Weeks Of Explosive Strength Training Increases Both Maximal And Explosive Voluntary Torque Production. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 452.	0.2	0
18	The effect of hyperthermia with localised head and neck cooling on neuromuscular function. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	0

#	ARTICLE	IF	CITATIONS
19	Maximal and explosive strength training elicit distinct neuromuscular adaptations, specific to the training stimulus. <i>European Journal of Applied Physiology</i> , 2014, 114, 365-374.	1.2	81
20	Identification of contraction onset during explosive contractions. Response to Thompson et al. "Consistency of rapid muscle force characteristics: Influence of muscle contraction onset detection methodology" <i>J Electromyogr Kinesiol</i> 2012;22(6):893-900]. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 991-994.	0.7	65
21	Explosive force production during isometric squats correlates with athletic performance in rugby union players. <i>Journal of Sports Sciences</i> , 2013, 31, 66-76.	1.0	142
22	Contraction type influences the human ability to use the available torque capacity of skeletal muscle during explosive efforts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2106-2115.	1.2	34
23	Short-term training for explosive strength causes neural and mechanical adaptations. <i>Experimental Physiology</i> , 2012, 97, 630-641.	0.9	86
24	Short-term unilateral resistance training affects the agonist-antagonist but not the force-agonist activation relationship. <i>Muscle and Nerve</i> , 2011, 43, 375-384.	1.0	84
25	Neuromuscular Performance of Explosive Power Athletes versus Untrained Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 781-790.	0.2	188
26	Factors Modulating Post-Activation Potentiation and its Effect on Performance of Subsequent Explosive Activities. <i>Sports Medicine</i> , 2009, 39, 147-166.	3.1	503