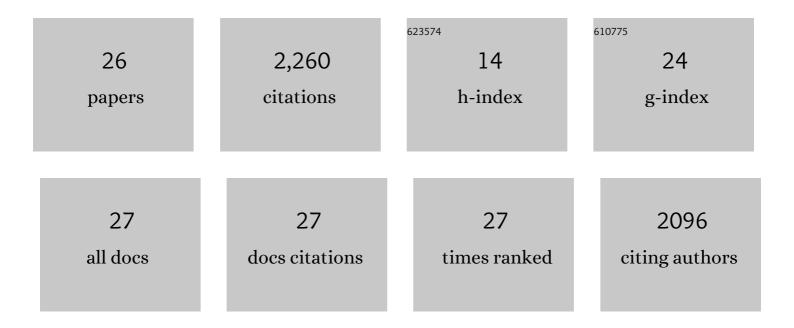
Neale A Tillin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Rate of force development: physiological and methodological considerations. European Journal of Applied Physiology, 2016, 116, 1091-1116.	1.2	803
2	Factors Modulating Post-Activation Potentiation and its Effect on Performance of Subsequent Explosive Activities. Sports Medicine, 2009, 39, 147-166.	3.1	503
3	Neuromuscular Performance of Explosive Power Athletes versus Untrained Individuals. Medicine and Science in Sports and Exercise, 2010, 42, 781-790.	0.2	188
4	Explosive force production during isometric squats correlates with athletic performance in rugby union players. Journal of Sports Sciences, 2013, 31, 66-76.	1.0	142
5	The Role of the IGF-1 Signaling Cascade in Muscle Protein Synthesis and Anabolic Resistance in Aging Skeletal Muscle. Frontiers in Nutrition, 2019, 6, 146.	1.6	87
6	Shortâ€ŧerm training for explosive strength causes neural and mechanical adaptations. Experimental Physiology, 2012, 97, 630-641.	0.9	86
7	Shortâ€ŧerm unilateral resistance training affects the agonist–antagonist but not the force–agonist activation relationship. Muscle and Nerve, 2011, 43, 375-384.	1.0	84
8	Maximal and explosive strength training elicit distinct neuromuscular adaptations, specific to the training stimulus. European Journal of Applied Physiology, 2014, 114, 365-374.	1.2	81
9	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
10	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―[J Electromyogr Kinesiol 2012;22(6):893–900]. Journal of Electromyography and Kinesiology, 2013, 23, 991-994.	0.7	65
11	Contraction type influences the human ability to use the available torque capacity of skeletal muscle during explosive efforts. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2106-2115.	1.2	34
12	Nitrate Supplement Benefits Contractile Forces in Fatigued but Not Unfatigued Muscle. Medicine and Science in Sports and Exercise, 2018, 50, 2122-2131.	0.2	24
13	Tendinous Tissue Adaptation to Explosive- vs. Sustained-Contraction Strength Training. Frontiers in Physiology, 2018, 9, 1170.	1.3	20
14	Contraction speed and type influences rapid utilisation of available muscle force: neural and contractile mechanisms. Journal of Experimental Biology, 2018, 221, .	0.8	15
15	The influence of patellar tendon and muscle–tendon unit stiffness on quadriceps explosive strength in man. Experimental Physiology, 2017, 102, 448-461.	0.9	12
16	Passive elastic contribution of hip extensors to joint moments during walking in people with low back pain. Clinical Biomechanics, 2018, 60, 134-140.	0.5	12
17	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. Metabolism: Clinical and Experimental, 2020, 102, 153996.	1.5	6
18	Foot strike alters ground reaction force and knee load when stepping down during ongoing walking. Gait and Posture, 2020, 76, 327-333.	0.6	6

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#	Article	IF	CITATIONS
19	Progressive hyperthermia elicits distinct responses in maximum and rapid torque production. Journal of Science and Medicine in Sport, 2021, 24, 811-817.	0.6	5
20	The associations between asymmetries in quadriceps strength and gait in individuals with unilateral transtibial amputation. Gait and Posture, 2021, 90, 267-273.	0.6	4
21	The effects of longâ€ŧerm muscle disuse on neuromuscular function in unilateral transtibial amputees. Experimental Physiology, 2020, 105, 408-418.	0.9	2
22	Mechanisms to Attenuate Load in the Intact Limb of Transtibial Amputees When Performing a Unilateral Drop Landing. Journal of Applied Biomechanics, 2020, 36, 4-12.	0.3	2
23	Rate of torque development scaled to maximum torque available is velocity dependent. Journal of Biomechanics, 2021, 114, 110144.	0.9	1
24	Lead limb loading during a single-step descent in persons with and without a transtibial amputation in the trailing limb. Clinical Biomechanics, 2021, 82, 105279.	0.5	1
25	The effect of hyperthermia with localised head and neck cooling on neuromuscular function. Extreme Physiology and Medicine, 2015, 4, .	2.5	0
26	Twelve Weeks Of Explosive Strength Training Increases Both Maximal And Explosive Voluntary Torque Production. Medicine and Science in Sports and Exercise, 2016, 48, 452.	0.2	0