

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 force development: physiological and methodological considerations. <i>European Journal of Applied Physiology</i> , 2016, 116, 1091-1116. | 1.2 | 803 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Short-term training for explosive strength causes neural and mechanical adaptations. <i>Experimental Physiology</i> , 2012, 97, 630-641. | 0.9 | 86 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 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" <i>J Electromyogr Kinesiol</i> 2012;22(6):893-900]. <i>Journal of Electromyography and Kinesiology</i> , 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. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2106-2115. | 1.2 | 34 |
| 12 | 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 |
| 13 | Tendinous Tissue Adaptation to Explosive- vs. Sustained-Contraction Strength Training. <i>Frontiers in Physiology</i> , 2018, 9, 1170. | 1.3 | 20 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 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. <i>Metabolism: Clinical and Experimental</i> , 2020, 102, 153996. | 1.5 | 6 |
| 18 | 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 |

| # | 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 long-term 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 |