Kyle J Hackney

List of Publications by Year
in descending order

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Version: 2024-02-01

35	793	516710 16	526287 27
papers	citations	h-index	g-index

35	35	35	1021
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Handgrip Strength Asymmetry Is Associated With Limitations in Individual Basic Self-Care Tasks. Journal of Applied Gerontology, 2022, 41, 450-454.	2.0	18
2	Optimization of Exercise Countermeasures to Spaceflight Using Blood Flow Restriction. Aerospace Medicine and Human Performance, 2022, 93, 32-45.	0.4	5
3	Handgrip Strength Asymmetry and Weakness Together Are Associated With Functional Disability in Aging Americans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 291-296.	3.6	47
4	Measures Derived from Panoramic Ultrasonography and Animal-Based Protein Intake Are Related to Muscular Performance in Middle-Aged Adults. Journal of Clinical Medicine, 2021, 10, 988.	2.4	2
5	The Impact of a Telehealth Intervention on Activity Profiles in Older Adults during the COVID-19 Pandemic: A Pilot Study. Geriatrics (Switzerland), 2021, 6, 68.	1.7	5
6	Assessing Additional Characteristics of Muscle Function With Digital Handgrip Dynamometry and Accelerometry: Framework for a Novel Handgrip Strength Protocol. Journal of the American Medical Directors Association, 2021, 22, 2313-2318.	2.5	17
7	The Associations between Asymmetric Handgrip Strength and Chronic Disease Status in American Adults: Results from the National Health and Nutrition Examination Survey. Journal of Functional Morphology and Kinesiology, 2021, 6, 79.	2.4	3
8	Daily Protein Intake and Distribution of Daily Protein Consumed Decreases Odds for Functional Disability in Older Americans. Journal of Aging and Health, 2020, 32, 1075-1083.	1.7	24
9	What are the association patterns between handgrip strength and adverse health conditions? A topical review. SAGE Open Medicine, 2020, 8, 205031212091035.	1.8	56
10	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
11	Blood flow restriction exercise stimulates mobilization of hematopoietic stem/progenitor cells and increases the circulating ACE2 levels in healthy adults. Journal of Applied Physiology, 2020, 128, 1423-1431.	2.5	16
12	Disuse-Induced Muscle Loss and Rehabilitation: The National Aeronautics and Space Administration Bed Rest Study. , 2020, 2, e0269.		6
13	Blood Flow Restriction Resistance Exercise as a Rehabilitation Modality Following Orthopaedic Surgery: A Review of Venous Thromboembolism Risk. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 17-27.	3.5	30
14	Impairments in Individual Autonomous Living Tasks and Time to Self-Care Disability in Middle-Aged and Older Adults. Journal of the American Medical Directors Association, 2019, 20, 730-735.e3.	2.5	12
15	The Burden of Functional Disabilities for Middle-Aged and Older Adults in the United States. Journal of Nutrition, Health and Aging, 2019, 23, 172-174.	3.3	14
16	The Role of Blood Flow Restriction Training to Mitigate Sarcopenia, Dynapenia, and Enhance Clinical Recovery. Techniques in Orthopaedics, 2018, 33, 98-105.	0.2	5
17	Effect of Progressive Calisthenic Push-up Training on Muscle Strength and Thickness. Journal of Strength and Conditioning Research, 2018, 32, 651-659.	2.1	26
18	Occupational-Specific Strength Predicts Astronaut-Related Task Performance in a Weighted Suit. Aerospace Medicine and Human Performance, 2018, 89, 58-62.	0.4	3

#	Article	IF	Citations
19	Panoramic ultrasound: a novel and valid tool for monitoring change in muscle mass. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 475-481.	7.3	60
20	Blood Flow Restricted Exercise Compared to High Load Resistance Exercise During Unloading. Aerospace Medicine and Human Performance, 2016, 87, 688-696.	0.4	7
21	The Astronaut-Athlete. Journal of Strength and Conditioning Research, 2015, 29, 3531-3545.	2.1	68
22	Acute Vascular and Cardiovascular Responses to Blood Flowâ€“Restricted Exercise. Medicine and Science in Sports and Exercise, 2014, 46, 1489-1497.	0.4	51
23	Protein and Essential Amino Acids to Protect Musculoskeletal Health during Spaceflight: Evidence of a Paradox?. Life, 2014, 4, 295-317.	2.4	16
24	Integrated Resistance and Aerobic Exercise Protects Fitness during Bed Rest. Medicine and Science in Sports and Exercise, 2014, 46, 358-368.	0.4	49
25	The Metabolic Cost of an Integrated Exercise Program Performed During 14 Days of Bed Rest. Aviation, Space, and Environmental Medicine, 2014, 85, 612-617.	0.5	5
26	Influence of muscle strength to weight ratio on functional task performance. European Journal of Applied Physiology, 2013, 113, 911-921.	2.5	19
27	A ground-based comparison of the Muscle Atrophy Research and Exercise System (MARES) and a commercially available isokinetic dynamometer. Acta Astronautica, 2013, 92, 3-9.	3.2	3
28	Amino Acid-Carbohydrate Intake Combined with Multiple Bouts of Resistance Exercise Increases Resting Energy Expenditure. ISRN Nutrition, 2013, 2013, 1-6.	1.7	19
29	Blood flow-restricted exercise in space. Extreme Physiology and Medicine, 2012, 1, 12.	2.5	16
30	Unilateral lower limb suspension: integrative physiological knowledge from the past 20Âyears (1991â€“2011). European Journal of Applied Physiology, 2012, 112, 9-22.	2.5	48
31	Reliability And Validity Of Ultrasound Cross-sectional Area Measurements For Long-duration Spaceflight. Medicine and Science in Sports and Exercise, 2011, 43, 823-824.	0.4	3
32	Nutrition and Resistance Exercise During Reconditioning From Unloading. Aviation, Space, and Environmental Medicine, 2011, 82, 805-809.	0.5	3
33	Timing Protein Intake Increases Energy Expenditure 24 h after Resistance Training. Medicine and Science in Sports and Exercise, 2010, 42, 998-1003.	0.4	19
34	The Metabolic Costs of Reciprocal Supersets vs. Traditional Resistance Exercise in Young Recreationally Active Adults. Journal of Strength and Conditioning Research, 2010, 24, 1043-1051.	2.1	45
35	Resting Energy Expenditure and Delayed-Onset Muscle Soreness After Full-Body Resistance Training With an Eccentric Concentration. Journal of Strength and Conditioning Research, 2008, 22, 1602-1609.	2.1	42