

Kyle J Hackney

List of Publications by Year in descending order

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35
papers

793
citations

516710

16
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

1021
citing authors

#	ARTICLE	IF	CITATIONS
1	The Astronaut-Athlete. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 3531-3545.	2.1	68
2	Panoramic ultrasound: a novel and valid tool for monitoring change in muscle mass. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 475-481.	7.3	60
3	What are the association patterns between handgrip strength and adverse health conditions? A topical review. <i>SAGE Open Medicine</i> , 2020, 8, 205031212091035.	1.8	56
4	Acute Vascular and Cardiovascular Responses to Blood Flow-Restricted Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1489-1497.	0.4	51
5	Integrated Resistance and Aerobic Exercise Protects Fitness during Bed Rest. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 358-368.	0.4	49
6	Unilateral lower limb suspension: integrative physiological knowledge from the past 20 years (1991-2011). <i>European Journal of Applied Physiology</i> , 2012, 112, 9-22.	2.5	48
7	Handgrip Strength Asymmetry and Weakness Together Are Associated With Functional Disability in Aging Americans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 291-296.	3.6	47
8	The Metabolic Costs of Reciprocal Supersets vs. Traditional Resistance Exercise in Young Recreationally Active Adults. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1043-1051.	2.1	45
9	Resting Energy Expenditure and Delayed-Onset Muscle Soreness After Full-Body Resistance Training With an Eccentric Concentration. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1602-1609.	2.1	42
10	Handgrip Strength Asymmetry and Weakness May Accelerate Time to Mortality in Aging Americans. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 2003-2007.e1.	2.5	31
11	Blood Flow Restriction Resistance Exercise as a Rehabilitation Modality Following Orthopaedic Surgery: A Review of Venous Thromboembolism Risk. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 17-27.	3.5	30
12	Effect of Progressive Calisthenic Push-up Training on Muscle Strength and Thickness. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 651-659.	2.1	26
13	Daily Protein Intake and Distribution of Daily Protein Consumed Decreases Odds for Functional Disability in Older Americans. <i>Journal of Aging and Health</i> , 2020, 32, 1075-1083.	1.7	24
14	Timing Protein Intake Increases Energy Expenditure 24 h after Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 998-1003.	0.4	19
15	Influence of muscle strength to weight ratio on functional task performance. <i>European Journal of Applied Physiology</i> , 2013, 113, 911-921.	2.5	19
16	Amino Acid-Carbohydrate Intake Combined with Multiple Bouts of Resistance Exercise Increases Resting Energy Expenditure. <i>ISRN Nutrition</i> , 2013, 2013, 1-6.	1.7	19
17	Handgrip Strength Asymmetry Is Associated With Limitations in Individual Basic Self-Care Tasks. <i>Journal of Applied Gerontology</i> , 2022, 41, 450-454.	2.0	18
18	Assessing Additional Characteristics of Muscle Function With Digital Handgrip Dynamometry and Accelerometry: Framework for a Novel Handgrip Strength Protocol. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 2313-2318.	2.5	17

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19	Blood flow-restricted exercise in space. <i>Extreme Physiology and Medicine</i> , 2012, 1, 12.	2.5	16
20	Protein and Essential Amino Acids to Protect Musculoskeletal Health during Spaceflight: Evidence of a Paradox?. <i>Life</i> , 2014, 4, 295-317.	2.4	16
21	Blood flow restriction exercise stimulates mobilization of hematopoietic stem/progenitor cells and increases the circulating ACE2 levels in healthy adults. <i>Journal of Applied Physiology</i> , 2020, 128, 1423-1431.	2.5	16
22	The Burden of Functional Disabilities for Middle-Aged and Older Adults in the United States. <i>Journal of Nutrition, Health and Aging</i> , 2019, 23, 172-174.	3.3	14
23	Impairments in Individual Autonomous Living Tasks and Time to Self-Care Disability in Middle-Aged and Older Adults. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 730-735.e3.	2.5	12
24	Blood Flow Restricted Exercise Compared to High Load Resistance Exercise During Unloading. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 688-696.	0.4	7
25	Disuse-Induced Muscle Loss and Rehabilitation: The National Aeronautics and Space Administration Bed Rest Study. , 2020, 2, e0269.		6
26	The Metabolic Cost of an Integrated Exercise Program Performed During 14 Days of Bed Rest. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 612-617.	0.5	5
27	The Role of Blood Flow Restriction Training to Mitigate Sarcopenia, Dynapenia, and Enhance Clinical Recovery. <i>Techniques in Orthopaedics</i> , 2018, 33, 98-105.	0.2	5
28	The Impact of a Telehealth Intervention on Activity Profiles in Older Adults during the COVID-19 Pandemic: A Pilot Study. <i>Geriatrics (Switzerland)</i> , 2021, 6, 68.	1.7	5
29	Optimization of Exercise Countermeasures to Spaceflight Using Blood Flow Restriction. <i>Aerospace Medicine and Human Performance</i> , 2022, 93, 32-45.	0.4	5
30	Reliability And Validity Of Ultrasound Cross-sectional Area Measurements For Long-duration Spaceflight. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 823-824.	0.4	3
31	Nutrition and Resistance Exercise During Reconditioning From Unloading. <i>Aviation, Space, and Environmental Medicine</i> , 2011, 82, 805-809.	0.5	3
32	A ground-based comparison of the Muscle Atrophy Research and Exercise System (MARES) and a commercially available isokinetic dynamometer. <i>Acta Astronautica</i> , 2013, 92, 3-9.	3.2	3
33	Occupational-Specific Strength Predicts Astronaut-Related Task Performance in a Weighted Suit. <i>Aerospace Medicine and Human Performance</i> , 2018, 89, 58-62.	0.4	3
34	The Associations between Asymmetric Handgrip Strength and Chronic Disease Status in American Adults: Results from the National Health and Nutrition Examination Survey. <i>Journal of Functional Morphology and Kinesiology</i> , 2021, 6, 79.	2.4	3
35	Measures Derived from Panoramic Ultrasonography and Animal-Based Protein Intake Are Related to Muscular Performance in Middle-Aged Adults. <i>Journal of Clinical Medicine</i> , 2021, 10, 988.	2.4	2