

# Geoffrey A Power

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

914  
citations

516561

16  
h-index

677027

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

868  
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor Unit Number Estimates in Masters Runners. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1644-1650.	0.2	129
2	Human neuromuscular structure and function in old age: A brief review. <i>Journal of Sport and Health Science</i> , 2013, 2, 215-226.	3.3	117
3	Motor Unit Survival in Lifelong Runners Is Muscle Dependent. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1235-1242.	0.2	99
4	The stretch-shortening cycle (SSC) revisited: residual force enhancement contributes to increased performance during fast SSCs of human m. adductor pollicis. <i>Physiological Reports</i> , 2015, 3, e12401.	0.7	65
5	Residual force enhancement in humans: Current evidence and unresolved issues. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 571-580.	0.7	57
6	Enhanced force production in old age is not a far stretch: an investigation of residual force enhancement and muscle architecture. <i>Physiological Reports</i> , 2013, 1, e00004.	0.7	47
7	History dependence of the electromyogram: Implications for isometric steady-state EMG parameters following a lengthening or shortening contraction. <i>Journal of Electromyography and Kinesiology</i> , 2016, 27, 30-38.	0.7	47
8	Reduction in single muscle fiber rate of force development with aging is not attenuated in world class older masters athletes. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C318-C327.	2.1	46
9	Increased Residual Force Enhancement in Older Adults Is Associated with a Maintenance of Eccentric Strength. <i>PLoS ONE</i> , 2012, 7, e48044.	1.1	44
10	Power loss is greater following lengthening contractions in old versus young women. <i>Age</i> , 2012, 34, 737-750.	3.0	37
11	Shortening-induced torque depression in old men: Implications for age-related power loss. <i>Experimental Gerontology</i> , 2014, 57, 75-80.	1.2	32
12	Residual force enhancement following eccentric induced muscle damage. <i>Journal of Biomechanics</i> , 2012, 45, 1835-1841.	0.9	28
13	The effect of knee joint angle on plantar flexor power in young and old men. <i>Experimental Gerontology</i> , 2014, 52, 70-76.	1.2	26
14	Reproducibility of velocity-dependent power: before and after lengthening contractions. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 626-633.	0.9	25
15	Peak power is reduced following lengthening contractions despite a maintenance of shortening velocity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 1196-1205.	0.9	24
16	The influence of longitudinal muscle fascicle growth on mechanical function. <i>Journal of Applied Physiology</i> , 2022, 133, 87-103.	1.2	22
17	Age-related changes in human single muscle fibre passive elastic properties are sarcomere length dependent. <i>Experimental Gerontology</i> , 2020, 137, 110968.	1.2	18
18	Residual force enhancement following shortening is speed-dependent. <i>Scientific Reports</i> , 2016, 6, 21513.	1.6	16

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19	Decay of force transients following active stretch is slower in older than young men: Support for a structural mechanism contributing to residual force enhancement in old age. <i>Journal of Biomechanics</i> , 2014, 47, 3423-3427.	0.9	14
20	Velocity dependence of eccentric strength in young and old men: the need for speed!. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 703-710.	0.9	12
21	Age-related reductions in the number of serial sarcomeres contribute to shorter fascicle lengths but not elevated passive tension. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	7
22	The torque-frequency relationship is impaired similarly following two bouts of eccentric exercise: No evidence of a protective repeated bout effect. <i>Journal of Biomechanics</i> , 2021, 122, 110448.	0.9	2