E Fiona Bailey

List of Publications by Year
in descending order

43	903	394421 19	454955 30
papers	citations	h-index	g-index

43	43	43	580
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute cardiovascular responses to a single bout of high intensity inspiratory muscle strength training in healthy young adults. Journal of Applied Physiology, 2021, 130, 1114-1121.	2.5	7
2	Highâ€Resistance Inspiratory Muscle Strength Training Improves Cerebrovascular Function in Midlife/Older Adults. FASEB Journal, 2021, 35, .	0.5	1
3	Timeâ€Efficient Inspiratory Muscle Strength Training Lowers Blood Pressure and Improves Endothelial Function, NO Bioavailability, and Oxidative Stress in Midlife/Older Adults With Aboveâ€Normal Blood Pressure. Journal of the American Heart Association, 2021, 10, e020980.	3.7	49
4	Six Months of Inspiratory Muscle Training to Lower Blood Pressure and Improve Endothelial Function in Middle-Aged and Older Adults With Above-Normal Blood Pressure and Obstructive Sleep Apnea: Protocol for the CHART Clinical Trial. Frontiers in Cardiovascular Medicine, 2021, 8, 760203.	2.4	6
5	Inspiratory muscle strength training lowers blood pressure and sympathetic activity in older adults with OSA: a randomized controlled pilot trial. Journal of Applied Physiology, 2020, 129, 449-458.	2.5	24
6	Mechanisms of respiratory modulation of cardiovascular control. Journal of Applied Physiology, 2020, 128, 212-213.	2.5	3
7	Inspiratory Muscle Strength Training Improves Vascular Endothelial Function in Older Adults by Altering Circulating Factors that Suppress Superoxide and Enhance Nitric Oxide. FASEB Journal, 2020, 34, 1-1.	0.5	2
8	Reply to Dr. Beltrami. Journal of Applied Physiology, 2020, 129, 1440-1440.	2.5	0
9	Inspiratory muscle strength training suppression of sympathetic nervous outflow in young adults: Time course and differential recovery.. FASEB Journal, 2020, 34, 1-1.	0.5	0
10	Time-efficient physical training for enhancing cardiovascular function in midlife and older adults: promise and current research gaps. Journal of Applied Physiology, 2019, 127, 1427-1440.	2.5	36
11	Inspiratory Muscle Strength Training Lowers Resting Systolic Blood Pressure and Improves Vascular Endothelial Function in Middleâ€Aged and Older Adults. FASEB Journal, 2019, 33, 541.4.	0.5	4
12	Effects of Inspiratory Muscle Strength Training on Cognitive and Motor Function in Middleâ€Aged and Older Adults with Aboveâ€Normal Systolic Blood Pressure. FASEB Journal, 2019, 33, 695.5.	0.5	0
13	Effects of Inspiratory Muscle Strength Training on Cardiorespiratory Fitness in Middleâ€Aged to Older Adults. FASEB Journal, 2019, 33, 695.4.	0.5	0
14	Daily inspiratory muscle training lowers blood pressure and vascular resistance in healthy men and women. Experimental Physiology, 2018, 103, 201-211.	2.0	43
15	Influence of Inspiratory Muscle Training on Sympathoâ€excitation in Healthy Young Adults. FASEB Journal, 2018, 32, 855.11.	0.5	0
16	Can Daytime Measures of Respiratory Sinus Arrhythmia and Breathing Stability Serve as Biomarkers for OSA?. FASEB Journal, 2018, 32, 913.4.	0.5	0
17	Association between Laryngeal Airway Aperture and the Discharge Rates of Genioglossus Motor Units. Frontiers in Physiology, 2017, 8, 27.	2.8	0
18	Evaluating the control: minipump implantation and breathing behavior in the neonatal rat. Journal of Applied Physiology, 2016, 121, 615-622.	2.5	0

#	Article	IF	Citations
19	Inspiratory Muscle Training Improves Sleep and Mitigates Cardiovascular Dysfunction in Obstructive Sleep Apnea. Sleep, 2016, 39, 1179-1185.	1.1	56
20	Developmental nicotine exposure adversely effects respiratory patterning in the barbiturate anesthetized neonatal rat. Respiratory Physiology and Neurobiology, 2015, 208, 45-50.	1.6	1
21	Daily respiratory training with large intrathoracic pressures, but not large lung volumes, lowers blood pressure in normotensive adults. Respiratory Physiology and Neurobiology, 2015, 216, 63-69.	1.6	27
22	A comprehensive assessment of genioglossus electromyographic activity in healthy adults. Journal of Neurophysiology, 2015, 113, 2692-2699.	1.8	19
23	Neural drive to respiratory muscles in the spontaneously breathing rat pup. Respiratory Physiology and Neurobiology, 2014, 202, 64-70.	1.6	6
24	Human hypoglossal motor unit activities in exercise. Journal of Physiology, 2013, 591, 3579-3590.	2.9	14
25	Cortical entrainment of human hypoglossal motor unit activities. Journal of Neurophysiology, 2012, 107, 493-499.	1.8	32
26	Prenatal nicotine exposure increases frequency and duration of apneic events in neonatal rats. FASEB Journal, 2012, 26, 1090.7.	0.5	0
27	Common Synaptic Input to the Human Hypoglossal Motor Nucleus. Journal of Neurophysiology, 2011, 105, 380-387.	1.8	22
28	Activities of human genioglossus motor units. Respiratory Physiology and Neurobiology, 2011, 179, 14-22.	1.6	28
29	Respiratory muscles and motoneurons. Respiratory Physiology and Neurobiology, 2011, 179, 1-2.	1.6	4
30	Tonically Discharging Genioglossus Motor Units Show No Evidence of Rate Coding With Hypercapnia. Journal of Neurophysiology, 2010, 103, 1315-1321.	1.8	48
31	Hypercapnia and resistance modulate human genioglossus motor unit activities. FASEB Journal, 2010, 24, 799.25.	0.5	0
32	Genioglossus and Intrinsic Electromyographic Activities in Impeded and Unimpeded Protrusion Tasks. Journal of Neurophysiology, 2009, 101, 276-282.	1.8	70
33	A tasty morsel: the role of the dorsal vagal complex in the regulation of food intake and swallowing. Focus on â€œBDNF/TrkB signaling interacts with GABAergic system to inhibit rhythmic swallowing in the rat,â€• by Bariohay et al.. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1048-R1049.	1.8	12
34	Sleep/Wake Firing Patterns of Human Genioglossus Motor Units. Journal of Neurophysiology, 2007, 98, 3284-3291.	1.8	49
35	Firing Patterns of Human Genioglossus Motor Units During Voluntary Tongue Movement. Journal of Neurophysiology, 2007, 97, 933-936.	1.8	53
36	Regional velopharyngeal compliance in the rat: influence of tongue muscle contraction. NMR in Biomedicine, 2007, 20, 682-691.	2.8	14

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37	Modulation of upper airway muscle activities by bronchopulmonary afferents. Journal of Applied Physiology, 2006, 101, 609-617.	2.5	45
38	Anatomic consequences of intrinsic tongue muscle activation. Journal of Applied Physiology, 2006, 101, 1377-1385.	2.5	71
39	Respiratory-related Discharge of Genioglossus Muscle Motor Units. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1331-1337.	5.6	61
40	PO2-dependent Changes in Intrinsic and Extrinsic Tongue Muscle Activities in the Rat. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1403-1407.	5.6	30
41	Pressure-volume behaviour of the rat upper airway: effects of tongue muscle activation. Journal of Physiology, 2003, 548, 563-568.	2.9	28
42	Speaking and Breathing in High Respiratory Drive. Journal of Speech, Language, and Hearing Research, 2002, 45, 89-99.	1.6	38
43	Vocal tract configuration for breathing and speech sound production. Global Imaging Insights, 0, , .	0.6	0