

# E Fiona Bailey

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

903  
citations

394421

19  
h-index

454955

30  
g-index

43  
all docs

43  
docs citations

43  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomic consequences of intrinsic tongue muscle activation. <i>Journal of Applied Physiology</i> , 2006, 101, 1377-1385.	2.5	71
2	Genioglossus and Intrinsic Electromyographic Activities in Impeded and Unimpeded Protrusion Tasks. <i>Journal of Neurophysiology</i> , 2009, 101, 276-282.	1.8	70
3	Respiratory-related Discharge of Genioglossus Muscle Motor Units. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1331-1337.	5.6	61
4	Inspiratory Muscle Training Improves Sleep and Mitigates Cardiovascular Dysfunction in Obstructive Sleep Apnea. <i>Sleep</i> , 2016, 39, 1179-1185.	1.1	56
5	Firing Patterns of Human Genioglossus Motor Units During Voluntary Tongue Movement. <i>Journal of Neurophysiology</i> , 2007, 97, 933-936.	1.8	53
6	Sleep/Wake Firing Patterns of Human Genioglossus Motor Units. <i>Journal of Neurophysiology</i> , 2007, 98, 3284-3291.	1.8	49
7	Time-efficient Inspiratory Muscle Strength Training Lowers Blood Pressure and Improves Endothelial Function, NO Bioavailability, and Oxidative Stress in Midlife/Older Adults With Above-normal Blood Pressure. <i>Journal of the American Heart Association</i> , 2021, 10, e020980.	3.7	49
8	Tonically Discharging Genioglossus Motor Units Show No Evidence of Rate Coding With Hypercapnia. <i>Journal of Neurophysiology</i> , 2010, 103, 1315-1321.	1.8	48
9	Modulation of upper airway muscle activities by bronchopulmonary afferents. <i>Journal of Applied Physiology</i> , 2006, 101, 609-617.	2.5	45
10	Daily inspiratory muscle training lowers blood pressure and vascular resistance in healthy men and women. <i>Experimental Physiology</i> , 2018, 103, 201-211.	2.0	43
11	Speaking and Breathing in High Respiratory Drive. <i>Journal of Speech, Language, and Hearing Research</i> , 2002, 45, 89-99.	1.6	38
12	Time-efficient physical training for enhancing cardiovascular function in midlife and older adults: promise and current research gaps. <i>Journal of Applied Physiology</i> , 2019, 127, 1427-1440.	2.5	36
13	Cortical entrainment of human hypoglossal motor unit activities. <i>Journal of Neurophysiology</i> , 2012, 107, 493-499.	1.8	32
14	PO <sub>2</sub> -dependent Changes in Intrinsic and Extrinsic Tongue Muscle Activities in the Rat. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1403-1407.	5.6	30
15	Activities of human genioglossus motor units. <i>Respiratory Physiology and Neurobiology</i> , 2011, 179, 14-22.	1.6	28
16	Pressure-volume behaviour of the rat upper airway: effects of tongue muscle activation. <i>Journal of Physiology</i> , 2003, 548, 563-568.	2.9	28
17	Daily respiratory training with large intrathoracic pressures, but not large lung volumes, lowers blood pressure in normotensive adults. <i>Respiratory Physiology and Neurobiology</i> , 2015, 216, 63-69.	1.6	27
18	Inspiratory muscle strength training lowers blood pressure and sympathetic activity in older adults with OSA: a randomized controlled pilot trial. <i>Journal of Applied Physiology</i> , 2020, 129, 449-458.	2.5	24

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19	Common Synaptic Input to the Human Hypoglossal Motor Nucleus. <i>Journal of Neurophysiology</i> , 2011, 105, 380-387.	1.8	22
20	A comprehensive assessment of genioglossus electromyographic activity in healthy adults. <i>Journal of Neurophysiology</i> , 2015, 113, 2692-2699.	1.8	19
21	Regional velopharyngeal compliance in the rat: influence of tongue muscle contraction. <i>NMR in Biomedicine</i> , 2007, 20, 682-691.	2.8	14
22	Human hypoglossal motor unit activities in exercise. <i>Journal of Physiology</i> , 2013, 591, 3579-3590.	2.9	14
23	A tasty morsel: the role of the dorsal vagal complex in the regulation of food intake and swallowing. Focus on "BDNF/TrkB signaling interacts with GABAergic system to inhibit rhythmic swallowing in the rat," by Bariohay et al. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1048-R1049.	1.8	12
24	Acute cardiovascular responses to a single bout of high intensity inspiratory muscle strength training in healthy young adults. <i>Journal of Applied Physiology</i> , 2021, 130, 1114-1121.	2.5	7
25	Neural drive to respiratory muscles in the spontaneously breathing rat pup. <i>Respiratory Physiology and Neurobiology</i> , 2014, 202, 64-70.	1.6	6
26	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. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 760203.	2.4	6
27	Respiratory muscles and motoneurons. <i>Respiratory Physiology and Neurobiology</i> , 2011, 179, 1-2.	1.6	4
28	Inspiratory Muscle Strength Training Lowers Resting Systolic Blood Pressure and Improves Vascular Endothelial Function in Middle-Aged and Older Adults. <i>FASEB Journal</i> , 2019, 33, 541.4.	0.5	4
29	Mechanisms of respiratory modulation of cardiovascular control. <i>Journal of Applied Physiology</i> , 2020, 128, 212-213.	2.5	3
30	Inspiratory Muscle Strength Training Improves Vascular Endothelial Function in Older Adults by Altering Circulating Factors that Suppress Superoxide and Enhance Nitric Oxide. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	2
31	Developmental nicotine exposure adversely effects respiratory patterning in the barbiturate anesthetized neonatal rat. <i>Respiratory Physiology and Neurobiology</i> , 2015, 208, 45-50.	1.6	1
32	High-Resistance Inspiratory Muscle Strength Training Improves Cerebrovascular Function in Midlife/Older Adults. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
33	Evaluating the control: minipump implantation and breathing behavior in the neonatal rat. <i>Journal of Applied Physiology</i> , 2016, 121, 615-622.	2.5	0
34	Association between Laryngeal Airway Aperture and the Discharge Rates of Genioglossus Motor Units. <i>Frontiers in Physiology</i> , 2017, 8, 27.	2.8	0
35	Hypercapnia and resistance modulate human genioglossus motor unit activities. <i>FASEB Journal</i> , 2010, 24, 799.25.	0.5	0
36	Prenatal nicotine exposure increases frequency and duration of apneic events in neonatal rats. <i>FASEB Journal</i> , 2012, 26, 1090.7.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Vocal tract configuration for breathing and speech sound production. Global Imaging Insights, 0, , .	0.6	0
38	Influence of Inspiratory Muscle Training on Sympathoâ€œexcitation in Healthy Young Adults. FASEB Journal, 2018, 32, 855.11.	0.5	0
39	Can Daytime Measures of Respiratory Sinus Arrhythmia and Breathing Stability Serve as Biomarkers for OSA?. FASEB Journal, 2018, 32, 913.4.	0.5	0
40	Effects of Inspiratory Muscle Strength Training on Cognitive and Motor Function in Middleâ€œAged and Older Adults with Aboveâ€œNormal Systolic Blood Pressure. FASEB Journal, 2019, 33, 695.5.	0.5	0
41	Effects of Inspiratory Muscle Strength Training on Cardiorespiratory Fitness in Middleâ€œAged to Older Adults. FASEB Journal, 2019, 33, 695.4.	0.5	0
42	Reply to Dr. Beltrami. Journal of Applied Physiology, 2020, 129, 1440-1440.	2.5	0
43	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