

# Joseph F Welch

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

200  
citations

1163117

8  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute intermittent hypercapnic hypoxia elicits central neural respiratory motor plasticity in humans. <i>Journal of Physiology</i> , 2022, , .	2.9	9
2	Sex differences in diaphragmatic fatigue: Effects of hypoxia during inspiratory loading. <i>Journal of Physiology</i> , 2021, 599, 1319-1333.	2.9	15
3	Effect of acute intermittent hypoxia on cortico-diaphragmatic conduction in healthy humans. <i>Experimental Neurology</i> , 2021, 339, 113651.	4.1	8
4	Reliability of diaphragmatic motor-evoked potentials induced by transcranial magnetic stimulation. <i>Journal of Applied Physiology</i> , 2020, 129, 1393-1404.	2.5	13
5	Diaphragm fatigue and inspiratory muscle metaboreflex in men and women matched for absolute diaphragmatic work during pressure threshold loading. <i>Journal of Physiology</i> , 2019, 597, 4797-4808.	2.9	19
6	Effect of diaphragm fatigue on subsequent exercise tolerance in healthy men and women. <i>Journal of Applied Physiology</i> , 2018, 125, 1987-1996.	2.5	28
7	Sex differences in diaphragmatic fatigue: the cardiovascular response to inspiratory resistance. <i>Journal of Physiology</i> , 2018, 596, 4017-4032.	2.9	45
8	Temporal characteristics of exercise-induced diaphragmatic fatigue. <i>Journal of Applied Physiology</i> , 2018, 124, 906-914.	2.5	15
9	Does competitive swimming affect lung growth?. <i>Physiological Reports</i> , 2018, 6, e13816.	1.7	12
10	Reliability of the diaphragmatic compound muscle action potential evoked by cervical magnetic stimulation and recorded via chest wall surface EMG. <i>Respiratory Physiology and Neurobiology</i> , 2017, 243, 101-106.	1.6	20
11	Influence of inspiratory resistive loading on expiratory muscle fatigue in healthy humans. <i>Experimental Physiology</i> , 2017, 102, 1221-1233.	2.0	6
12	Classical experiments in whole-body metabolism: closed-circuit respirometry. <i>European Journal of Applied Physiology</i> , 2017, 117, 1929-1937.	2.5	6
13	Cerebrovascular Response to CO <sub>2</sub> Following 10 Days of Intermittent Hypoxia in Humans. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 782-786.	0.4	4