

# Jordan A Guenette

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88 papers	2,392 citations	27 h-index	47 g-index
91 ext. papers	2,984 ext. citations	4.2 avg, IF	5 L-index

#	Paper	IF	Citations
88	Ketogenic diet for mitochondrial disease: potential role in treating the Multiple Symmetric Lipomatosis phenotype associated with the common MT-TK genetic mutation.. <i>Orphanet Journal of Rare Diseases</i> , <b>2022</b> , 17, 12	4.2	0
87	How we do it - Using cardiopulmonary exercise testing to understand dyspnea and exercise intolerance in respiratory disease.. <i>Chest</i> , <b>2022</b> ,	5.3	1
86	Phenotyping Cardiopulmonary Exercise Limitations in Chronic Obstructive Pulmonary Disease.. <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 816586	4.6	1
85	Association of BMI with pulmonary function, functional capacity, symptoms, and quality of life in ILD.. <i>Respiratory Medicine</i> , <b>2022</b> , 195, 106792	4.6	0
84	Cardiorespiratory physiology, exertional symptoms, and psychological burden in post-COVID-19 fatigue.. <i>Respiratory Physiology and Neurobiology</i> , <b>2022</b> , 103898	2.8	1
83	Effects of traffic-related air pollution on exercise endurance, dyspnea and cardiorespiratory physiology in health and COPD - A randomized, placebo-controlled crossover trial. <i>Chest</i> , <b>2021</b> ,	5.3	2
82	Case Studies in Physiology: Cardiopulmonary exercise testing and inspiratory muscle training in a 59-year-old, 4 years after an extrapleural pneumonectomy. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 1701-1707	3.7	1707
81	Reliability of diaphragm voluntary activation measurements in healthy adults. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2021</b> , 46, 247-256	3	1
80	Pulmonary function and functional capacity in COVID-19 survivors with persistent dyspnoea. <i>Respiratory Physiology and Neurobiology</i> , <b>2021</b> , 288, 103644	2.8	37
79	Face Masks and the Cardiorespiratory Response to Physical Activity in Health and Disease. <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 399-407	4.7	45
78	Normative Cardiopulmonary Exercise Test Responses at the Ventilatory Threshold in Canadian Adults 40 to 80 Years of Age. <i>Chest</i> , <b>2021</b> , 159, 1922-1933	5.3	2
77	Ventilatory responses to constant load exercise following the inhalation of a short-acting $\beta_2$ agonist in a laboratory-controlled diesel exhaust exposure study in individuals with exercise-induced bronchoconstriction. <i>Environment International</i> , <b>2021</b> , 146, 106182	12.9	2
76	Reply to Beltrami. <i>Experimental Physiology</i> , <b>2021</b> , 106, 791-792	2.4	
75	Pectoralis muscle area and its association with indices of disease severity in interstitial lung disease. <i>Respiratory Medicine</i> , <b>2021</b> , 186, 106539	4.6	1
74	Short-term effects of Lumacaftor/Ivacaftor (Orkambi) on exertional symptoms, exercise performance, and ventilatory responses in adults with cystic fibrosis. <i>Respiratory Research</i> , <b>2020</b> , 21, 135	7.3	2
73	The effect of diaphragm fatigue on the multidimensional components of dyspnoea and diaphragm electromyography during exercise in healthy males. <i>Journal of Physiology</i> , <b>2020</b> , 598, 3223-3237	3.9	6
72	Normative Peak Cardiopulmonary Exercise Test Responses in Canadian Adults Aged $\geq 40$ Years. <i>Chest</i> , <b>2020</b> , 158, 2532-2545	5.3	18

71	Cardiopulmonary Exercise Testing in Patients With Interstitial Lung Disease. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 832	4.6	2
70	Characterization and determinants of sleep measured by self-report and wrist actigraphy in patients with interstitial lung disease. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , <b>2020</b> , 1-9	0.6	
69	Near-infrared spectroscopy measures of sternocleidomastoid blood flow during exercise and hyperpnoea. <i>Experimental Physiology</i> , <b>2020</b> , 105, 2226-2237	2.4	2
68	A multidimensional assessment of dyspnoea in healthy adults during exercise. <i>European Journal of Applied Physiology</i> , <b>2020</b> , 120, 2533-2545	3.4	6
67	Self-initiated lifestyle interventions lead to potential insight into an effective, alternative, non-surgical therapy for mitochondrial disease associated multiple symmetric lipomatosis. <i>Mitochondrion</i> , <b>2020</b> , 52, 183-189	4.9	2
66	Analysis of maximal expiratory flow-volume curves in adult survivors of preterm birth. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2019</b> , 317, R588-R596	3.2	2
65	ERS statement on respiratory muscle testing at rest and during exercise. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	175
64	Qualitative dimensions of exertional dyspnea in fibrotic interstitial lung disease. <i>Respiratory Physiology and Neurobiology</i> , <b>2019</b> , 266, 1-8	2.8	6
63	Reply to: Assessment of neural respiratory drive from the parasternal intercostal muscles. <i>Respiratory Physiology and Neurobiology</i> , <b>2019</b> , 259, 173-175	2.8	
62	Modelling the effects of age and sex on the resistive and viscoelastic components of the work of breathing during exercise. <i>Experimental Physiology</i> , <b>2019</b> , 104, 1737-1745	2.4	9
61	Exercise Pathophysiology in Interstitial Lung Disease. <i>Clinics in Chest Medicine</i> , <b>2019</b> , 40, 405-420	5.3	7
60	Supplemental oxygen for the management of dyspnea in interstitial lung disease. <i>Current Opinion in Supportive and Palliative Care</i> , <b>2019</b> , 13, 174-178	2.6	0
59	The Impact of Cycling Cadence on Respiratory and Hemodynamic Responses to Exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 1727-1735	1.2	6
58	Minimal Important Difference for Physical Activity and Validity of the International Physical Activity Questionnaire in Interstitial Lung Disease. <i>Annals of the American Thoracic Society</i> , <b>2019</b> , 16, 107-115	4.7	6
57	Manipulation of mechanical ventilatory constraint during moderate intensity exercise does not influence dyspnoea in healthy older men and women. <i>Journal of Physiology</i> , <b>2019</b> , 597, 1383-1399	3.9	13
56	Ventilatory and sensory responses to incremental exercise in adults with a Fontan circulation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H335-H344	5.2	7
55	Effects of Age and Sex on Inspiratory Muscle Activation Patterns during Exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 1882-1891	1.2	12
54	Physical activity measurement accuracy in advanced chronic lung disease. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , <b>2018</b> , 2, 9-18	0.6	

53	Neurophysiological mechanisms of exertional dyspnoea in fibrotic interstitial lung disease. <i>European Respiratory Journal</i> , <b>2018</b> , 51,	13.6	20
52	Contralateral limb foot rotation during unilateral toe-in or toe-out walking in people with knee osteoarthritis. <i>Gait and Posture</i> , <b>2018</b> , 62, 132-134	2.6	4
51	Sex differences in respiratory muscle activation patterns during high-intensity exercise in healthy humans. <i>Respiratory Physiology and Neurobiology</i> , <b>2018</b> , 247, 57-60	2.8	20
50	Pathophysiological mechanisms of exertional breathlessness in chronic obstructive pulmonary disease and interstitial lung disease. <i>Current Opinion in Supportive and Palliative Care</i> , <b>2018</b> , 12, 237-245	2.6	1
49	The effects of age and sex on mechanical ventilatory constraint and dyspnea during exercise in healthy humans. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 1092-1106	3.7	27
48	Toe-in and toe-out walking require different lower limb neuromuscular patterns in people with knee osteoarthritis. <i>Journal of Biomechanics</i> , <b>2018</b> , 76, 112-118	2.9	6
47	Exertional hypoxemia is more severe in fibrotic interstitial lung disease than in COPD. <i>Respirology</i> , <b>2018</b> , 23, 392-398	3.6	39
46	Effect of diaphragm fatigue on subsequent exercise tolerance in healthy men and women. <i>Journal of Applied Physiology</i> , <b>2018</b> , 125, 1987-1996	3.7	14
45	Sex differences in diaphragmatic fatigue: the cardiovascular response to inspiratory resistance. <i>Journal of Physiology</i> , <b>2018</b> , 596, 4017-4032	3.9	35
44	Effects of hyperoxia on dyspnoea and exercise endurance in fibrotic interstitial lung disease. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	33
43	Resting Physiological Correlates of Reduced Exercise Capacity in Smokers with Mild Airway Obstruction. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2017</b> , 14, 267-275	2	24
42	Effects of inspiratory muscle training on respiratory muscle electromyography and dyspnea during exercise in healthy men. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 1267-1275	3.7	34
41	Is parasternal intercostal EMG an accurate surrogate of respiratory neural drive and biomarker of dyspnea during cycle exercise testing?. <i>Respiratory Physiology and Neurobiology</i> , <b>2017</b> , 242, 40-44	2.8	8
40	Supplemental oxygen and dyspnoea in interstitial lung disease: absence of evidence is not evidence of absence. <i>European Respiratory Review</i> , <b>2017</b> , 26,	9.8	5
39	Supplemental Oxygen in Interstitial Lung Disease: An Art in Need of Science. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, 1373-1377	4.7	21
38	Respiratory muscle endurance after training in athletes and non-athletes: A systematic review and meta-analysis. <i>Physical Therapy in Sport</i> , <b>2016</b> , 17, 76-86	3	27
37	High Oxygen Delivery to Preserve Exercise Capacity in Patients with Idiopathic Pulmonary Fibrosis Treated with Nintedanib. Methodology of the HOPE-IPF Study. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13, 1640-7	4.7	27
36	Reply to Topalovic and Janssens: Re: Quantifying the shape of the maximal expiratory flow-volume curve to address flow limitation. <i>Respiratory Physiology and Neurobiology</i> , <b>2016</b> , 227, 68	2.8	

35	Diaphragm Recruitment Increases during a Bout of Targeted Inspiratory Muscle Training. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 1179-86	1.2	31
34	Qualitative dimensions of exertional dyspnea in adults with cystic fibrosis. <i>Journal of Applied Physiology</i> , <b>2016</b> , 121, 449-56	3.7	9
33	Association between exercise-induced change in body composition and change in cardiometabolic risk factors in postmenopausal South Asian women. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, 931-7	3	10
32	Mechanisms of exertional dyspnoea in symptomatic smokers without COPD. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 694-705	13.6	52
31	Pulmonary Gas Exchange Abnormalities in Mild Chronic Obstructive Pulmonary Disease. Implications for Dyspnea and Exercise Intolerance. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 1384-94	10.2	146
30	Quantifying the shape of the maximal expiratory flow-volume curve in mild COPD. <i>Respiratory Physiology and Neurobiology</i> , <b>2015</b> , 219, 30-5	2.8	22
29	Cardiorespiratory and sensory responses to exercise in well-controlled asthmatics. <i>Journal of Asthma</i> , <b>2015</b> , 52, 576-82	1.9	6
28	Effect of age-related ventilatory inefficiency on respiratory sensation during exercise. <i>Respiratory Physiology and Neurobiology</i> , <b>2015</b> , 205, 129-39	2.8	18
27	Physiological mechanisms of dyspnea relief following ivacaftor in cystic fibrosis: a case report. <i>Respiratory Physiology and Neurobiology</i> , <b>2015</b> , 205, 105-8	2.8	5
26	Cardiorespiratory and sensory responses to exercise in adults with mild cystic fibrosis. <i>Journal of Applied Physiology</i> , <b>2015</b> , 119, 1289-96	3.7	11
25	Sex differences in the intensity and qualitative dimensions of exertional dyspnea in physically active young adults. <i>Journal of Applied Physiology</i> , <b>2015</b> , 119, 998-1006	3.7	28
24	Combined effects of mild-to-moderate obesity and asthma on physiological and sensory responses to exercise. <i>Respiratory Medicine</i> , <b>2015</b> , 109, 1397-403	4.6	10
23	Mechanisms of exercise intolerance in global initiative for chronic obstructive lung disease grade 1 COPD. <i>European Respiratory Journal</i> , <b>2014</b> , 44, 1177-87	13.6	89
22	Differences in respiratory muscle activity during cycling and walking do not influence dyspnea perception in obese patients with COPD. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 1292-301	3.7	22
21	Does exercise test modality influence dyspnoea perception in obese patients with COPD?. <i>European Respiratory Journal</i> , <b>2014</b> , 43, 1621-30	13.6	22
20	Does the respiratory system limit exercise in mild chronic obstructive pulmonary disease?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 1315-23	10.2	79
19	Effect of fluticasone/salmeterol combination on dyspnea and respiratory mechanics in mild-to-moderate COPD. <i>Respiratory Medicine</i> , <b>2013</b> , 107, 708-16	4.6	13
18	Inspiratory Capacity during Exercise: Measurement, Analysis, and Interpretation. <i>Pulmonary Medicine</i> , <b>2013</b> , 2013, 956081	5.3	92

17	Can an 86-year-old woman with advanced lung disease be a world class athlete?. <i>Respiratory Physiology and Neurobiology</i> , <b>2012</b> , 181, 162-6	2.8	3
16	Does dynamic hyperinflation contribute to dyspnoea during exercise in patients with COPD?. <i>European Respiratory Journal</i> , <b>2012</b> , 40, 322-9	13.6	121
15	Decline of resting inspiratory capacity in COPD: the impact on breathing pattern, dyspnea, and ventilatory capacity during exercise. <i>Chest</i> , <b>2012</b> , 141, 753-762	5.3	121
14	Effect of adjunct fluticasone propionate on airway physiology during rest and exercise in COPD. <i>Respiratory Medicine</i> , <b>2011</b> , 105, 1836-45	4.6	15
13	Sex differences in exertional dyspnea in patients with mild COPD: physiological mechanisms. <i>Respiratory Physiology and Neurobiology</i> , <b>2011</b> , 177, 218-27	2.8	57
12	Sternocleidomastoid muscle deoxygenation in response to incremental inspiratory threshold loading measured by near infrared spectroscopy. <i>Respiratory Physiology and Neurobiology</i> , <b>2011</b> , 178, 202-9	2.8	28
11	Effects of BMI on static lung volumes in patients with airway obstruction. <i>Chest</i> , <b>2011</b> , 140, 461-468	5.3	72
10	Respiratory function and the obesity paradox. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2010</b> , 13, 618-24	3.8	39
9	Sex differences in exercise-induced diaphragmatic fatigue in endurance-trained athletes. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 35-46	3.7	80
8	Effect of thoracic gas compression and bronchodilation on the assessment of expiratory flow limitation during exercise in healthy humans. <i>Respiratory Physiology and Neurobiology</i> , <b>2010</b> , 170, 279-86	2.8	53
7	Sex differences in the resistive and elastic work of breathing during exercise in endurance-trained athletes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 297, R166-75	3.2	60
6	Evidence for dysanapsis using computed tomographic imaging of the airways in older ex-smokers. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 1622-8	3.7	81
5	Lung density is not altered following intense normobaric hypoxic interval training in competitive female cyclists. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 875-82	3.7	15
4	Respiratory mechanics during exercise in endurance-trained men and women. <i>Journal of Physiology</i> , <b>2007</b> , 581, 1309-22	3.9	138
3	Inspiratory muscle training attenuates the human respiratory muscle metaboreflex. <i>Journal of Physiology</i> , <b>2007</b> , 584, 1019-28	3.9	124
2	Patterns of cardiopulmonary response to exercise in fibrotic ILD		128-145
1	Costs of oxygen therapy for interstitial lung disease and chronic obstructive pulmonary disease: A retrospective study from a universal healthcare system. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , 1-8	0.6	