

Barbara J Morgan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8177913/barbara-j-morgan-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

76
papers

4,880
citations

36
h-index

69
g-index

79
ext. papers

5,370
ext. citations

5.6
avg, IF

5.31
L-index

#	Paper	IF	Citations
76	Pathophysiology of sleep apnea. <i>Physiological Reviews</i> , 2010 , 90, 47-112	47.9	1194
75	Cyclosporine-induced sympathetic activation and hypertension after heart transplantation. <i>New England Journal of Medicine</i> , 1990 , 323, 693-9	59.2	367
74	Exposure to hypoxia produces long-lasting sympathetic activation in humans. <i>Journal of Applied Physiology</i> , 2001 , 91, 1555-62	3.7	211
73	Fatiguing inspiratory muscle work causes reflex reduction in resting leg blood flow in humans. <i>Journal of Physiology</i> , 2001 , 537, 277-89	3.9	200
72	Fatiguing inspiratory muscle work causes reflex sympathetic activation in humans. <i>Journal of Physiology</i> , 2000 , 529 Pt 2, 493-504	3.9	194
71	Vasovagal syncope after infusion of a vasodilator in a heart-transplant recipient. <i>New England Journal of Medicine</i> , 1990 , 322, 602-4	59.2	142
70	Cerebrovascular response to carbon dioxide in patients with congestive heart failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 371-8	10.2	129
69	Influence of cerebrovascular function on the hypercapnic ventilatory response in healthy humans. <i>Journal of Physiology</i> , 2006 , 577, 319-29	3.9	117
68	Chronic intermittent hypoxia augments chemoreflex control of sympathetic activity: role of the angiotensin II type 1 receptor. <i>Respiratory Physiology and Neurobiology</i> , 2010 , 171, 36-45	2.8	116
67	Role of respiratory motor output in within-breath modulation of muscle sympathetic nerve activity in humans. <i>Circulation Research</i> , 1999 , 85, 457-69	15.7	111
66	Chronic intermittent hypoxia impairs endothelium-dependent dilation in rat cerebral and skeletal muscle resistance arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H388-93	5.2	108
65	Respiratory influences on sympathetic vasomotor outflow in humans. <i>Respiratory Physiology and Neurobiology</i> , 2002 , 130, 3-20	2.8	108
64	Differential responses to CO ₂ and sympathetic stimulation in the cerebral and femoral circulations in humans. <i>Journal of Physiology</i> , 2005 , 566, 613-24	3.9	95
63	Neurocirculatory consequences of intermittent asphyxia in humans. <i>Journal of Applied Physiology</i> , 2000 , 89, 1333-9	3.7	84
62	Peripheral chemoreflex and baroreflex interactions in cardiovascular regulation in humans. <i>Journal of Physiology</i> , 2003 , 552, 295-302	3.9	82
61	Snoring as part of a dose-response relationship between sleep-disordered breathing and blood pressure. <i>Sleep</i> , 1996 , 19, S202-5	1.1	82
60	Impaired vascular regulation in patients with obstructive sleep apnea: effects of continuous positive airway pressure treatment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 1143-50	10.2	77

59	Effects of expiratory muscle work on muscle sympathetic nerve activity. <i>Journal of Applied Physiology</i> , 2002 , 92, 1539-52	3.7	77
58	Cardiovascular variability after arousal from sleep: time-varying spectral analysis. <i>Journal of Applied Physiology</i> , 2003 , 95, 1394-404	3.7	73
57	Neural mechanism of the pressor response to obstructive and nonobstructive apnea. <i>Journal of Applied Physiology</i> , 1997 , 83, 2048-54	3.7	68
56	Mechanisms of the cerebrovascular response to apnoea in humans. <i>Journal of Physiology</i> , 2003 , 548, 323-332	3.9	66
55	Chronic intermittent hypoxia alters NE reactivity and mechanics of skeletal muscle resistance arteries. <i>Journal of Applied Physiology</i> , 2006 , 100, 1117-23	3.7	59
54	Influence of cerebral blood flow on breathing stability. <i>Journal of Applied Physiology</i> , 2009 , 106, 850-6	3.7	55
53	Carotid chemoreceptor modulation of sympathetic vasoconstrictor outflow during exercise in healthy humans. <i>Journal of Physiology</i> , 2008 , 586, 1743-54	3.9	55
52	Baroreflex-induced sympathetic activation does not alter cerebrovascular CO2 responsiveness in humans. <i>Journal of Physiology</i> , 2003 , 551, 609-16	3.9	51
51	Blood pressure perturbations caused by subclinical sleep-disordered breathing. <i>Sleep</i> , 1998 , 21, 737-46	1.1	50
50	Humans In Hypoxia: A Conspiracy Of Maladaptation?!. <i>Physiology</i> , 2015 , 30, 304-16	9.8	49
49	Obstructive sleep apnea and hypertension: mechanisms, evaluation, and management. <i>Current Hypertension Reports</i> , 2007 , 9, 529-34	4.7	49
48	Xanthine oxidase inhibition attenuates endothelial dysfunction caused by chronic intermittent hypoxia in rats. <i>Respiration</i> , 2011 , 82, 458-67	3.7	47
47	Daytime blood pressure elevation after nocturnal hypoxia. <i>Journal of Applied Physiology</i> , 1999 , 87, 689-98	3.7	45
46	Effect of Burst-Mode Transcutaneous Electrical Nerve Stimulation on Peripheral Vascular Resistance. <i>Physical Therapy</i> , 2001 , 81, 1183-1191	3.3	44
45	Sleep-disordered breathing and obesity: pathophysiology, complications, and treatment. <i>Nutrition in Clinical Practice</i> , 2009 , 24, 675-87	3.6	42
44	Effects of chronic intermittent hypoxia on allergen-induced airway inflammation in rats. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 52, 162-70	5.7	38
43	Effects of sleep-disordered breathing on cerebrovascular regulation: A population-based study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1445-52	10.2	37
42	Vascular consequences of intermittent hypoxia. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 618, 69-84	3.6	37

41	Cerebrovascular response to arousal from NREM and REM sleep. <i>Sleep</i> , 2008 , 31, 321-7	1.1	36
40	Circulatory Responses to Voluntary and Electrically Induced Muscle Contractions in Humans. <i>Physical Therapy</i> , 2000 , 80, 53-60	3.3	36
39	Ventilatory response to induced auditory arousals during NREM sleep. <i>Sleep</i> , 1997 , 20, 707-14	1.1	35
38	Effect of AT1 receptor blockade on intermittent hypoxia-induced endothelial dysfunction. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 183, 67-74	2.8	32
37	Effects of high-frequency transcutaneous electrical nerve stimulation on limb blood flow in healthy humans. <i>Physical Therapy</i> , 1994 , 74, 361-7	3.3	30
36	Effect of transcutaneous electrical nerve stimulation on the pressor response to static handgrip exercise. <i>Physical Therapy</i> , 1997 , 77, 28-36	3.3	28
35	Quantifying hypoxia-induced chemoreceptor sensitivity in the awake rodent. <i>Journal of Applied Physiology</i> , 2014 , 117, 816-24	3.7	27
34	Role of sensory input from the lungs in control of muscle sympathetic nerve activity during and after apnea in humans. <i>Journal of Applied Physiology</i> , 2004 , 97, 635-40	3.7	25
33	Time course of intermittent hypoxia-induced impairments in resistance artery structure and function. <i>Respiratory Physiology and Neurobiology</i> , 2010 , 170, 157-63	2.8	24
32	Time-dependent adaptation in the hemodynamic response to hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2009 , 165, 90-6	2.8	23
31	Respiratory influences on muscle sympathetic nerve activity and vascular conductance in the steady state. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H1615-23	5.2	20
30	Arousal from sleep shortens sympathetic burst latency in humans. <i>Journal of Physiology</i> , 1999 , 515 (Pt 2), 621-8	3.9	20
29	Oxidative stress augments chemoreflex sensitivity in rats exposed to chronic intermittent hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2016 , 234, 47-59	2.8	19
28	Acute and chronic cardiovascular responses to sleep disordered breathing. <i>Sleep</i> , 1996 , 19, S206-9	1.1	18
27	Coronary flow velocity changes in response to hypercapnia: assessment by transthoracic Doppler echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 421-6	5.8	17
26	Neural control of blood flow during exercise in human metabolic syndrome. <i>Experimental Physiology</i> , 2014 , 99, 1191-202	2.4	14
25	Peripheral Blood Flow Regulation in Human Obesity and Metabolic Syndrome. <i>Exercise and Sport Sciences Reviews</i> , 2016 , 44, 116-22	6.7	14
24	Chronic intermittent hypoxia alters ventilatory and metabolic responses to acute hypoxia in rats. <i>Journal of Applied Physiology</i> , 2016 , 120, 1186-95	3.7	14

23	Altered neurovascular control of the resting circulation in human metabolic syndrome. <i>Journal of Physiology</i> , 2012 , 590, 6109-19	3.9	13
22	The need for specificity in quantifying neurocirculatory vs. respiratory effects of eucapnic hypoxia and transient hyperoxia. <i>Journal of Physiology</i> , 2020 , 598, 4803-4819	3.9	13
21	Impaired hypoxic cerebral vasodilation in younger adults with metabolic syndrome. <i>Diabetes and Vascular Disease Research</i> , 2013 , 10, 135-42	3.3	12
20	Mechanical and metabolic reflex activation of the sympathetic nervous system in younger adults with metabolic syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 183, 100-5	2.4	9
19	Revisiting the Debate: Does Exercise Build Strong Bones in the Mature and Senescent Skeleton?. <i>Frontiers in Physiology</i> , 2016 , 7, 369	4.6	7
18	Effect of interference current on forearm vascular resistance in asymptomatic humans. <i>Physical Therapy</i> , 1995 , 75, 306-12	3.3	6
17	Effects of losartan and allopurinol on cardiorespiratory regulation in obstructive sleep apnoea. <i>Experimental Physiology</i> , 2018 , 103, 941-955	2.4	5
16	Exercise: alternative therapy for heart failure-associated sleep apnea?. <i>Sleep</i> , 2009 , 32, 585-6	1.1	4
15	Pharmacologic approaches for the management of symptoms and cardiovascular consequences of obstructive sleep apnea in adults. <i>Sleep and Breathing</i> , 2010 , 14, 307-15	3.1	4
14	Hypertension and sleep apnoea. <i>Journal of Sleep Research</i> , 1995 , 4, 34-36	5.8	3
13	Cardiovascular consequences of sleep-disordered breathing. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2006 , 26, 123-30		1
12	Effect of AT1 receptor blockade on intermittent hypoxia-induced endothelial dysfunction. <i>FASEB Journal</i> , 2010 , 24, 1022.7	0.9	1
11	Chronic Intermittent Hypoxia Induces Airflow Limitation in a Rodent Model of Allergen-Induced Lower Airway Inflammation. <i>FASEB Journal</i> , 2013 , 27, lb797	0.9	1
10	Chemoreflex sensitization augments sympathetic vasomotor outflow in awake humans. <i>Advances in Experimental Medicine and Biology</i> , 1994 , 360, 269-71	3.6	1
9	Reply to Joseph. <i>Journal of Applied Physiology</i> , 2014 , 117, 1525	3.7	
8	Evidence for a carotid chemoreceptor contribution to exercise-induced sympathetic vasoconstrictor outflow in humans. <i>FASEB Journal</i> , 2007 , 21, A566	0.9	
7	Cerebrovascular Reactivity in Obstructive Sleep Apnea: Impact of Physical Activity. <i>FASEB Journal</i> , 2018 , 32, 712.17	0.9	
6	Stimulus-specific cerebrovascular dysfunction in humans with metabolic syndrome. <i>FASEB Journal</i> , 2012 , 26, 896.2	0.9	

- 5 Augmented alpha-adrenergic vasoconstriction during exercise in human metabolic syndrome. *FASEB Journal*, **2012**, 26, 1092.4 0.9
- 4 Paradoxical relationship between alpha-adrenergic tone and muscle sympathetic nerve activity in human metabolic syndrome. *FASEB Journal*, **2012**, 26, 1091.33 0.9
- 3 The sympathetic nervous system and control of resting blood flow in adults with metabolic syndrome **2013**, 36-36
- 2 Respiratory influences on muscle sympathetic nerve activity and limb vascular conductance in the steady-state. *FASEB Journal*, **2013**, 27, 1118.8 0.9
- 1 Effect of Chronic Intermittent Hypoxia on Angiotensin II Receptors in the Central Nervous System. *Clinical and Experimental Hypertension*, **2018**, 1-7 2.2