Amy S Jordan

List of Publications by Year
in descending order

109 papers	7,805 citations	61984 43 h-index	51608 86 g-index
110 all docs	110 docs citations	110 times ranked	4658 citing authors

#	Article	IF	Citations
1	The effect of body position on maternal cardiovascular function during sleep and wakefulness in late pregnancy. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 2545-2554.	1.5	1
2	The independent effects of sleep deprivation and sleep fragmentation on processing of emotional information. Behavioural Brain Research, 2022, 424, 113802.	2.2	8
3	An observational study of the association between sleep disturbance, fatigue and cognition in the post-acute period after mild traumatic brain injury in prospectively studied premorbidly healthy adults. Neuropsychological Rehabilitation, 2021, 31, 1444-1465.	1.6	4
4	Muscling Up Pharyngeal Airflow,. Chest, 2021, 159, 912-914.	0.8	3
5	After-discharge in the upper airway muscle genioglossus following brief hypoxia. Sleep, 2021, 44, .	1.1	5
6	A Novel Model to Estimate Key Obstructive Sleep Apnea Endotypes from Standard Polysomnography and Clinical Data and Their Contribution to Obstructive Sleep Apnea Severity. Annals of the American Thoracic Society, 2021, 18, 656-667.	3.2	42
7	Sleep and fear conditioning, extinction learning and extinction recall: A systematic review and meta-analysis of polysomnographic findings. Sleep Medicine Reviews, 2021, 59, 101501.	8.5	22
8	Health Risks and Potential Predictors of Fatigue and Sleepiness in Airline Cabin Crew. International Journal of Environmental Research and Public Health, 2021, 18, 13.	2.6	20
9	Dreaming of New Obstructive Sleep Apnea Treatments. American Journal of Respiratory and Critical Care Medicine, 2021, , .	5.6	0
10	Feasibility of cardiovascular risk and sleep health screening in the transport industry. Journal of Transport and Health, 2020, 18, 100878.	2.2	2
11	Does Nasal Obstruction Induce Obstructive Sleep Apnea in Healthy Women? . Nature and Science of Sleep, 2020, Volume 12, 347-355.	2.7	0
12	An assessment of a simple clinical technique to estimate pharyngeal collapsibility in people with obstructive sleep apnea. Sleep, 2020, 43, .	1.1	11
13	The effect of sex and body weight on lung volumes during sleep. Sleep, 2019, 42, .	1.1	7
14	Genioglossus muscle responses to resistive loads in severe OSA patients and healthy control subjects. Journal of Applied Physiology, 2019, 127, 1586-1598.	2.5	6
15	A randomised controlled trial of nasal decongestant to treat obstructive sleep apnoea in people with cervical spinal cord injury. Spinal Cord, 2019, 57, 579-585.	1.9	7
16	Genioglossus reflex responses to negative upper airway pressure are altered in people with tetraplegia and obstructive sleep apnoea. Journal of Physiology, 2018, 596, 2853-2864.	2.9	27
17	The Effects of Experimental Sleep Fragmentation and Sleep Deprivation on the Response of the Genioglossus Muscle to Inspiratory Resistive Loads. Journal of Clinical Sleep Medicine, 2018, 14, 715-724.	2.6	5
18	New insights into the timing and potential mechanisms of respiratory-induced cortical arousals in obstructive sleep apnea. Sleep, 2018, 41, .	1.1	14

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19	Sleeping tongue: current perspectives of genioglossus control in healthy individuals and patients with obstructive sleep apnea. Nature and Science of Sleep, 2018, Volume 10, 169-179.	2.7	45
20	Sensory detection of threshold intensity resistive loads in severe obstructive sleep apnoea. Respiratory Physiology and Neurobiology, 2017, 236, 29-41.	1.6	11
21	Physiology of Arousal in Obstructive Sleep Apnea and Potential Impacts for Sedative Treatment. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 814-821.	5.6	47
22	Therapeutic CPAP Level Predicts Upper Airway Collapsibility in Patients With Obstructive Sleep Apnea. Sleep, 2017, 40, .	1.1	62
23	Arousal-Induced Hypocapnia Does Not Reduce Genioglossus Activity in Obstructive Sleep Apnea. Sleep, 2017, 40, .	1.1	9
24	Mechanisms of the deep, slow-wave, sleep-related increase of upper airway muscle tone in healthy humans. Journal of Applied Physiology, 2017, 122, 1304-1312.	2.5	13
25	High nasal resistance is stable over time but poorly perceived in people with tetraplegia and obstructive sleep apnoea. Respiratory Physiology and Neurobiology, 2017, 235, 27-33.	1.6	17
26	Obstructive sleep apnoea pathogenesis from mild to severe: Is it all the same?. Respirology, 2017, 22, 33-42.	2.3	64
27	The Influence of CO2 on Genioglossus Muscle After-Discharge Following Arousal From Sleep. Sleep, 2017, 40, .	1.1	4
28	Nasal Resistance Is Elevated in People with Tetraplegia and Is Reduced by Topical Sympathomimetic Administration. Journal of Clinical Sleep Medicine, 2016, 12, 1487-1492.	2.6	23
29	The importance of arousal in obstructive sleep apneaâ€"updates from the American Thoracic Society 2016. Journal of Thoracic Disease, 2016, 8, S542-S544.	1.4	14
30	Mild Airflow Limitation during N2 Sleep Increases K-complex Frequency and Slows Electroencephalographic Activity. Sleep, 2016, 39, 541-550.	1.1	22
31	Upper Airway Collapsibility (Pcrit) and Pharyngeal Dilator Muscle Activity are Sleep Stage Dependent. Sleep, 2016, 39, 511-521.	1.1	129
32	Arousal Intensity is a Distinct Pathophysiological Trait in Obstructive Sleep Apnea. Sleep, 2016, 39, 2091-2100.	1.1	82
33	The effect of body mass and sex on the accuracy of respiratory magnetometers for measurement of end-expiratory lung volumes. Journal of Applied Physiology, 2016, 121, 1169-1177.	2.5	5
34	Common drive to the upper airway muscle genioglossus during inspiratory loading. Journal of Neurophysiology, 2015, 114, 2883-2892.	1.8	7
35	An Integrative Model of Physiological Traits Can be Used to Predict Obstructive Sleep Apnea and Response to Non Positive Airway Pressure Therapy. Sleep, 2015, 38, 961-70.	1.1	110
36	Arousal from Sleep Does Not Lead to Reduced Dilator Muscle Activity or Elevated Upper Airway Resistance on Return to Sleep in Healthy Individuals. Sleep, 2015, 38, 53-59.	1.1	16

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37	Crossed motor innervation of the base of human tongue. Journal of Neurophysiology, 2015, 113, 3499-3510.	1.8	19
38	Enhanced Upper-Airway Muscle Responsiveness Is a Distinct Feature of Overweight/Obese Individuals without Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 930-937.	5.6	104
39	Reply: Arousal Threshold in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 373-374.	5.6	7
40	Discharge properties of upper airway motor units during wakefulness and sleep. Progress in Brain Research, 2014, 212, 59-75.	1.4	16
41	Unified research across the Asia-Pacific region. Sleep and Biological Rhythms, 2014, 12, 149-149.	1.0	0
42	Adult obstructive sleep apnoea. Lancet, The, 2014, 383, 736-747.	13.7	1,031
43	Physiological Mechanisms of Upper Airway Hypotonia during REM Sleep. Sleep, 2014, 37, 561-569.	1.1	73
44	Defining Phenotypic Causes of Obstructive Sleep Apnea. Identification of Novel Therapeutic Targets. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 996-1004.	5.6	823
45	Motor unit activity in upper airway muscles genioglossus and tensor palatini. Respiratory Physiology and Neurobiology, 2013, 188, 362-369.	1.6	10
46	A Mechanism for Upper Airway Stability during Slow Wave Sleep. Sleep, 2013, 36, 555-563.	1.1	41
47	Reflex Tachycardia with Airway Opening in Obstructive Sleep Apnea. Sleep, 2013, 36, 819-821.	1.1	9
48	Neurogenic Changes in the Upper Airway of Patients with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 322-329.	5.6	97
49	Inspiratory-resistive loading increases the ventilatory response to arousal but does not reduce genioglossus muscle activity on the return to sleep. Journal of Applied Physiology, 2012, 113, 909-916.	2.5	7
50	Discharge Patterns of Human Tensor Palatini Motor Units During Sleep Onset. Sleep, 2012, 35, 699-707.	1.1	27
51	Sleep and cardiovascular regulation. Pflugers Archiv European Journal of Physiology, 2012, 463, 161-168.	2.8	72
52	Characterization Of Pathophysiological Phenotypic Traits In Obstructive Sleep Apnea: Avenues For Novel Treatment Strategies. , 2011, , .		1
53	Hypoglossal Nerve Stimulation Therapy To Treat Obstructive Sleep Apnea: Interim Feasibility Trial Results. , 2011, , .		1
54	Treating Obstructive Sleep Apnea with Hypoglossal Nerve Stimulation. Sleep, 2011, 34, 1479-1486.	1.1	229

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55	Activation of the Upper Airway Dilator Muscle Genioglossus during Sleep Is Largely Dependent on an Interaction between Chemical Drive and Mechanoreceptor Feedback. Sleep, 2011, 34, 983-984.	1.1	2
56	Lung Volume During Wake And Sleep In Obstructive Sleep Apnea (OSA). , 2011, , .		0
57	Sleep Deprivation Impairs Genioglossus Muscle Responsiveness. , 2011, , .		0
58	A method for measuring and modeling the physiological traits causing obstructive sleep apnea. Journal of Applied Physiology, 2011, 110, 1627-1637.	2.5	204
59	Sensorimotor function of the upper-airway muscles and respiratory sensory processing in untreated obstructive sleep apnea. Journal of Applied Physiology, 2011, 111, 1644-1653.	2.5	80
60	Termination of Respiratory Events with and without Cortical Arousal in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1183-1191.	5.6	76
61	Common Drive in Hypoglossal and Trigeminal Motor Neurons. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1280-1280.	5.6	1
62	A secondary reflex suppression phase is present in genioglossus but not tensor palatini in response to negative upper airway pressure. Journal of Applied Physiology, 2010, 108, 1619-1624.	2.5	18
63	The influence of end-expiratory lung volume on measurements of pharyngeal collapsibility. Journal of Applied Physiology, 2010, 108, 445-451.	2.5	104
64	The effect of increased genioglossus activity and end-expiratory lung volume on pharyngeal collapse. Journal of Applied Physiology, 2010, 109, 469-475.	2.5	50
65	Recruitment and rate-coding strategies of the human genioglossus muscle. Journal of Applied Physiology, 2010, 109, 1939-1949.	2.5	48
66	Discharge Patterns of Human Genioglossus Motor Units during Arousal from Sleep. Sleep, 2010, 33, 379-387.	1.1	44
67	Obstructive Sleep Apnea and Aging Effects on Macrovascular and Microcirculatory Function. Sleep, 2010, 33, 1177-1183.	1.1	42
68	Motor Unit Recruitment in Human Genioglossus Muscle in Response to Hypercapnia. Sleep, 2010, 33, 1529-1538.	1.1	36
69	Feasibility Of Hypoglossal Nerve Stimulation Therapy To Treat Obstructive Sleep Apnea. , 2010, , .		1
70	Aging and Sleep: Physiology and Pathophysiology. Seminars in Respiratory and Critical Care Medicine, 2010, 31, 618-633.	2.1	165
71	Discharge Patterns Of Tensor Palatini Motor Units During Sleep Onset. , 2010, , .		0
72	Effects of pentobarbital on upper airway patency during sleep. European Respiratory Journal, 2010, 36, 569-576.	6.7	25

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73	Motor Unit Recruitment in Human Genioglossus Muscle in Response to Hypercapnia. Sleep, 2010, 33, 1529-1538.	1.1	22
74	Motor unit recruitment in human genioglossus muscle in response to hypercapnia. Sleep, 2010, 33, 1529-38.	1.1	16
75	Airway Dilator Muscle Activity and Lung Volume During Stable Breathing in Obstructive Sleep Apnea. Sleep, 2009, 32, 361-368.	1.1	147
76	The Influence of Obstructive Sleep Apnea and Gender on Genioglossus Activity During Rapid Eye Movement Sleep. Chest, 2009, 135, 957-964.	0.8	113
77	Mechanisms of Apnea. Progress in Cardiovascular Diseases, 2009, 51, 313-323.	3.1	149
78	Pentobarbital Dose-dependently Increases Respiratory Genioglossus Muscle Activity while Impairing Diaphragmatic Function in Anesthetized Rats. Anesthesiology, 2009, 110, 1327-1334.	2.5	28
79	Airway Dilator Muscle Activity and Lung Volume During Stable Breathing in Obstructive Sleep Apnea. Sleep, 2009, , .	1.1	1
80	Pharyngeal motor control and the pathogenesis of obstructive sleep apnea. Respiratory Physiology and Neurobiology, 2008, 160, 1-7.	1.6	97
81	Effect of oxygen in obstructive sleep apnea: Role of loop gain. Respiratory Physiology and Neurobiology, 2008, 162, 144-151.	1.6	208
82	Trazodone increases arousal threshold in obstructive sleep apnoea. European Respiratory Journal, 2008, 31, 1308-1312.	6.7	94
83	Neostigmine but not sugammadex impairs upper airway dilator muscle activity and breathing. British Journal of Anaesthesia, 2008, 101, 344-349.	3.4	78
84	Effect of Expiratory Positive Airway Pressure on Sleep Disordered Breathing. Sleep, 2008, 31, 429-432.	1.1	25
85	Discharge Patterns of Human Genioglossus Motor Units During Sleep Onset. Sleep, 2008, 31, 525-533.	1.1	100
86	Differential Effects of Isoflurane and Propofol on Upper Airway Dilator Muscle Activity and Breathing. Anesthesiology, 2008, 108, 897-906.	2.5	46
87	Cardiac changes during arousals from non-REM sleep in healthy volunteers. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1320-R1327.	1.8	25
88	Central Sleep Apnea. Chest, 2007, 131, 595-607.	0.8	453
89	Mechanisms used to restore ventilation after partial upper airway collapse during sleep in humans. Thorax, 2007, 62, 861-867.	5.6	108
90	Influence of wakefulness on pharyngeal airway muscle activity. Thorax, 2007, 62, 799-805.	5.6	75

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91	The Influence of Aging on Pharyngeal Collapsibility During Sleep. Chest, 2007, 131, 1702-1709.	0.8	238
92	Unwarranted Administration of Acetylcholinesterase Inhibitors Can Impair Genioglossus and Diaphragm Muscle Function. Anesthesiology, 2007, 107, 621-629.	2.5	87
93	Chemical control stability in the elderly. Journal of Physiology, 2007, 581, 291-298.	2.9	49
94	Upper Airway Myopathy is Not Important in the Pathophysiology of Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2007, 03, 570-573.	2.6	27
95	Anesthetic effects on phasic genioglossus activity and the negative pressure reflex in the rat. FASEB Journal, 2007, 21, A1294.	0.5	0
96	Upper airway myopathy is not important in the pathophysiology of obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2007, 3, 570-3.	2.6	11
97	Heart Rate Response to Respiratory Events With or Without Leg Movements. Sleep, 2006, 29, 553-556.	1.1	35
98	Genioglossal Muscle Response to CO2 Stimulation During NREM Sleep. Sleep, 2006, 29, 470-477.	1.1	78
99	Effect of increased lung volume on sleep disordered breathing in patients with sleep apnoea. Thorax, 2006, 61, 435-439.	5.6	162
100	Effect of CPAP and Lung Volume on Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1350-1351.	5.6	0
101	Lung Volume and Continuous Positive Airway Pressure Requirements in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 114-117.	5.6	185
102	Respiratory control stability and upper airway collapsibility in men and women with obstructive sleep apnea. Journal of Applied Physiology, 2005, 99, 2020-2027.	2.5	141
103	The pharyngeal lumen: both length and size matter. Journal of Clinical Sleep Medicine, 2005, 1, 264-5.	2.6	0
104	Ventilatory Control and Airway Anatomy in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1225-1232.	5.6	276
105	The influence of gender and upper airway resistance on the ventilatory response to arousal in obstructive sleep apnoea in humans. Journal of Physiology, 2004, 558, 993-1004.	2.9	76
106	Gender differences in sleep apnea: epidemiology, clinical presentation and pathogenic mechanisms. Sleep Medicine Reviews, 2003, 7, 377-389.	8.5	151
107	Ventilatory Response to Brief Arousal from Nonâ€“Rapid Eye Movement Sleep Is Greater in Men Than in Women. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1512-1519.	5.6	84
108	Recent advances in understanding the pathogenesis of obstructive sleep apnea. Current Opinion in Pulmonary Medicine, 2003, 9, 459-464.	2.6	24

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109	Effect of CPAP on intrinsic PEEP, inspiratory effort, and lung volume in severe stable COPD. Thorax, 2002, 57, 533-539.	5.6	69