

Rapid Disuse Atrophy of Diaphragm Fibers in Mechanic

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Proportional assist ventilation with load-adjustable gain factors in critically ill patients: comparison with pressure support. <i>Intensive Care Medicine</i> , 2008, 34, 2026-2034.	3.9	140
3	NAVA: brain over machine?. <i>Intensive Care Medicine</i> , 2008, 34, 1966-8.	3.9	5
4	Non-crystalline and crystalline rheumatic disorders in chronic kidney disease. <i>Current Rheumatology Reports</i> , 2008, 10, 235-248.	2.1	13
6	Research news and notes. <i>World Neurosurgery</i> , 2008, 69, 556-557.	1.3	0
7	Respiratory neuroplasticity and cervical spinal cord injury: translational perspectives. <i>Trends in Neurosciences</i> , 2008, 31, 538-547.	4.2	97
8	The silenced diaphragm: The good and the bad. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2008, 17, 631-638.	0.1	2
9	Conséquences respiratoires de la neuromyopathie de réanimation. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2008, 17, 625-630.	0.1	3
10	Effect of Mechanical Ventilation on the Diaphragm. <i>New England Journal of Medicine</i> , 2008, 358, 1392-1394.	13.9	30
11	Recently published papers: a little less ventilation, a little more oxygen please?. <i>Critical Care</i> , 2008, 12, 152.	2.5	1
12	Pressure support ventilation attenuates ventilator-induced protein modifications in the diaphragm. <i>Critical Care</i> , 2008, 12, R116.	2.5	118
13	Pressure support ventilation attenuates ventilator-induced protein modifications in the diaphragm. <i>Critical Care</i> , 2008, 12, 191.	2.5	11
14	Clinical review: Critical illness polyneuropathy and myopathy. <i>Critical Care</i> , 2008, 12, 238.	2.5	239
15	The ubiquitin-proteasome and the mitochondria-associated apoptotic pathways are sequentially downregulated during recovery after immobilization-induced muscle atrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1181-E1190.	1.8	66
16	Weaning Strategies in Problem Patients. <i>Journal of the Intensive Care Society</i> , 2008, 9, 173-177.	1.1	2
17	Physical Rehabilitation following Critical Illness. <i>Journal of the Intensive Care Society</i> , 2008, 9, 166-169.	1.1	5
18	Mechanical Ventilation and Disuse Atrophy of the Diaphragm. <i>New England Journal of Medicine</i> , 2008, 359, 89-92.	13.9	4
20	INSPIRATORY MUSCLE STRENGTH TRAINING IMPROVES WEANING OUTCOME IN FAILURE TO WEAN PATIENTS.. <i>Cardiopulmonary Physical Therapy Journal</i> , 2009, 20, 21.	0.2	4
21	Update in Critical Care 2008. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 743-758.	2.5	6

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22	Clinical Predictors of Duration of Action of Cisatracurium and Rocuronium Administered Long-Term. American Journal of Critical Care, 2009, 18, 439-445.	0.8	8
23	Early exercise in critically ill patients enhances short-term functional recovery*. Critical Care Medicine, 2009, 37, 2499-2505.	0.4	841
24	A transient antioxidant stress response accompanies the onset of disuse atrophy in human skeletal muscle. Journal of Applied Physiology, 2009, 107, 549-557.	1.2	64
25	Xanthine oxidase contributes to mechanical ventilation-induced diaphragmatic oxidative stress and contractile dysfunction. Journal of Applied Physiology, 2009, 106, 385-394.	1.2	87
26	The effect of denervation on protein synthesis and degradation in adult rat diaphragm muscle. Journal of Applied Physiology, 2009, 107, 438-444.	1.2	50
27	Levosimendan Enhances Force Generation of Diaphragm Muscle from Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 41-47.	2.5	90
29	Antioxidant supplementation lowers circulating IGF-1 but not F2-isoprostanes immediately following anterior cruciate ligament surgery. Redox Report, 2009, 14, 221-226.	1.4	13
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37	Bench-to-bedside review: Ventilatory abnormalities in sepsis. Critical Care, 2009, 13, 202.	2.5	23
38	Determinants of weaning success in patients with prolonged mechanical ventilation. Critical Care, 2009, 13, R97.	2.5	70
39	Year in review 2008: Critical Care - respirology. Critical Care, 2009, 13, 225.	2.5	6
40	Bench-to-bedside review: Diaphragm muscle function in disuse and acute high-dose corticosteroid treatment. Critical Care, 2009, 13, 221.	2.5	24

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42	Respiratory muscle unloading during auto-adaptive non-invasive ventilation. <i>Respiratory Medicine</i> , 2009, 103, 1706-1712.	1.3	7
43	Importance of ventilator mode in long-term noninvasive positive pressure ventilation. <i>Respiratory Medicine</i> , 2009, 103, 1854-1861.	1.3	16
44	Upright position mechanical ventilation: An alternative strategy for ALI/ARDS patients?. <i>Medical Hypotheses</i> , 2009, 73, 821-823.	0.8	2
45	Electrical Impedance Myography in the Assessment of Disuse Atrophy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 1806-1810.	0.5	49
46	Bilevel positive airway pressure "airway pressure release ventilation dans le syndrome de détresse respiratoire aiguë de l'adulte": physiopathologie, domaine d'application. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2009, 18, 154-159.	0.1	2
47	Surgical Conditions of the Diaphragm: Anatomy and Physiology. <i>Thoracic Surgery Clinics</i> , 2009, 19, 419-429.	0.4	39
48	Critical Care Management of Subarachnoid Hemorrhage and Ischemic Stroke. <i>Clinics in Chest Medicine</i> , 2009, 30, 103-122.	0.8	22
50	Better sooner than later?*. <i>Critical Care Medicine</i> , 2009, 37, 2672-2673.	0.4	0
51	How should we deal with muscle weakness in critically ill patients?*. <i>Critical Care Medicine</i> , 2009, 37, 2648-2649.	0.4	2
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53	Bending gender rules for septic patients: Are host responses positioned equally for all critically ill patients?*. <i>Critical Care Medicine</i> , 2009, 37, 2649-2650.	0.4	3
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55	Protecting children in clinical research "Need for a rethink?*. <i>Critical Care Medicine</i> , 2009, 37, 2673-2674.	0.4	0
56	Diagnosing hypovolemia in the critically ill*. <i>Critical Care Medicine</i> , 2009, 37, 2674-2675.	0.4	8
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58	Prolonged mechanical ventilation alters diaphragmatic structure and function. <i>Critical Care Medicine</i> , 2009, 37, S347-S353.	0.4	159
59	NEUROMUSCULAR RESPIRATORY FAILURE. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2009, 15, 40-67.	0.4	5

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60	Weaning Automation with Adaptive Support Ventilation: A Randomized Controlled Trial in Cardiothoracic Surgery Patients. <i>Anesthesia and Analgesia</i> , 2009, 108, 565-571.	1.1	59
61	Sepsis-induced myopathy. <i>Critical Care Medicine</i> , 2009, 37, S354-S367.	0.4	213
62	Respiratory failure and abdominal sepsis: Time to focus on diaphragm is back*. <i>Critical Care Medicine</i> , 2009, 37, 2669-2670.	0.4	0
63	Early-onset candidemia: An increasing problem?*. <i>Critical Care Medicine</i> , 2009, 37, 2652-2653.	0.4	2
64	Preload responsiveness or right ventricular dysfunction?*. <i>Critical Care Medicine</i> , 2009, 37, 2662-2663.	0.4	15
65	Ventilator-associated pneumonia prevalence: To benchmark or not to benchmark*. <i>Critical Care Medicine</i> , 2009, 37, 2657-2659.	0.4	2
66	Living on the lighter side of sedation in the intensive care unit: Is there a psychological cost?*. <i>Critical Care Medicine</i> , 2009, 37, 2654-2655.	0.4	1
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69	Maintenance of normoglycemia, insulin therapy, or feeding: Why not all three?*. <i>Critical Care Medicine</i> , 2009, 37, 2665-2667.	0.4	1
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73	More data on epidemiology and outcome of acute kidney injury with AKIN criteria: Benefits of standardized definitions, AKIN and RIFLE classifications*. <i>Critical Care Medicine</i> , 2009, 37, 2659-2661.	0.4	22
74	Measurement of muscle strength in the intensive care unit. <i>Critical Care Medicine</i> , 2009, 37, S321-S330.	0.4	55
75	Critical Illness Neuromyopathy and Muscle Weakness in Patients in the Intensive Care Unit. <i>AACN Advanced Critical Care</i> , 2009, 20, 243-253.	0.6	2
76	Invited editorial on "Acquired respiratory muscle weakness in critically ill patients: what is the role of mechanical ventilation-induced diaphragm dysfunction?". <i>Journal of Applied Physiology</i> , 2009, 106, 360-361.	1.2	8
77	Critical Illness Neuromyopathy and Muscle Weakness in Patients in the Intensive Care Unit. <i>AACN Advanced Critical Care</i> , 2009, 20, 243-253.	0.6	40
78	Legacy of intensive care unit-acquired weakness. <i>Critical Care Medicine</i> , 2009, 37, S457-S461.	0.4	79

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79	Pressure Support Ventilation and Biphasic Positive Airway Pressure Improve Oxygenation by Redistribution of Pulmonary Blood Flow. <i>Anesthesia and Analgesia</i> , 2009, 109, 856-865.	1.1	43
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81	Miles to go before we sleep*. <i>Critical Care Medicine</i> , 2009, 37, 2670-2672.	0.4	1
82	Neuromuscular Blockade in the Optimal Management of Mechanical Ventilation of Patients with Respiratory Distress. <i>Current Respiratory Medicine Reviews</i> , 2010, 6, 223-228.	0.1	0
83	We do not need mechanical ventilation any more. <i>Critical Care Medicine</i> , 2010, 38, S555-S558.	0.4	33
85	Increasing intravenous glucose load in the presence of normoglycemia: Effect on outcome and metabolism in critically ill rabbits. <i>Critical Care Medicine</i> , 2010, 38, 602-611.	0.4	26
86	Ventilator-induced diaphragmatic dysfunction. <i>Current Opinion in Critical Care</i> , 2010, 16, 19-25.	1.6	135
87	Mechanical ventilation in trauma. <i>Current Opinion in Anaesthesiology</i> , 2010, 23, 228-232.	0.9	28
88	Adaptive Support Ventilation Prevents Ventilator-induced Diaphragmatic Dysfunction in Piglet. <i>Anesthesiology</i> , 2010, 112, 1435-1443.	1.3	100
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94	Autoregulation of ventilation with neurally adjusted ventilatory assist on extracorporeal lung support. <i>Intensive Care Medicine</i> , 2010, 36, 2038-2044.	3.9	78
95	EMD 57033 partially reverses ventilator-induced diaphragm muscle fibre calcium desensitisation. <i>Pflugers Archiv European Journal of Physiology</i> , 2010, 459, 475-483.	1.3	16
96	Rapid decrease in active tension generated by C2C12 myotubes after termination of artificial exercise. <i>Journal of Muscle Research and Cell Motility</i> , 2010, 31, 279-288.	0.9	15
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98	Electromagnetic ventilation: First evaluation of a new method for artificial ventilation in humans. <i>Muscle and Nerve</i> , 2010, 42, 305-310.	1.0	13
99	New twists on proteasome inhibitors. <i>Nature Biotechnology</i> , 2010, 28, 1236-1238.	9.4	6

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100	Synchronizing ventilatory support with the neural signal to breathe*. Pediatric Critical Care Medicine, 2010, 11, 142-143.	0.2	2
101	Cystic fibrosis patient awaiting lung transplantation ventilated with neurally adjusted ventilatory assist. British Journal of Anaesthesia, 2010, 105, 97-98.	1.5	7
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103	Intensive care unit-acquired weakness. Critical Care Medicine, 2010, 38, 779-787.	0.4	228
104	Complications de la s�dation. , 2010, , 129-139.		1
105	Rehabilitation in the Intensive Care Unit. , 2010, , 1193-1207.		0
106	Mechanical Ventilation�induced Diaphragm Disuse in Humans Triggers Autophagy. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1377-1386.	2.5	249
107	Impairment of diaphragm muscle force and neuromuscular transmission after normothermic cardiopulmonary bypass: effect of low-dose inhaled CO. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R784-R789.	0.9	19
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111	Advances in Critical Care and Emergency Medicine. Stroke, 2010, 41, e74-6.	1.0	4
112	Long-Term Outcomes in Patients Surviving Acute Respiratory Distress Syndrome. Seminars in Respiratory and Critical Care Medicine, 2010, 31, 055-065.	0.8	44
114	Mechanically Assisted Coughing and Noninvasive Ventilation for Extubation of Unweanable Patients with Neuromuscular Disease or Weakness. , 2010, , 287-294.		0
115	Extubation and Decannulation of Unweanable Patients with Neuromuscular Weakness. , 2010, , 279-286.		0
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120	Increased duration of mechanical ventilation is associated with decreased diaphragmatic force: a prospective observational study. <i>Critical Care</i> , 2010, 14, R127.	2.5	210
121	Ca ²⁺ sensitizers: An emerging class of agents for counterbalancing weakness in skeletal muscle diseases?. <i>Neuromuscular Disorders</i> , 2010, 20, 98-101.	0.3	21
122	Oxidative stress is required for mechanical ventilation-induced protease activation in the diaphragm. <i>Journal of Applied Physiology</i> , 2010, 108, 1376-1382.	1.2	166
124	Ubiquitination and Proteolysis in Limb and Respiratory Muscles of Patients with Chronic Obstructive Pulmonary Disease. <i>Proceedings of the American Thoracic Society</i> , 2010, 7, 84-90.	3.5	30
126	Little change in markers of protein breakdown and oxidative stress in humans in immobilization-induced skeletal muscle atrophy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010, 35, 125-133.	0.9	67
127	Effect of spontaneous breathing on ventilator-induced lung injury in mechanically ventilated healthy rabbits: a randomized, controlled, experimental study. <i>Critical Care</i> , 2011, 15, R244.	2.5	26
128	RÃ©animation. <i>Revue Des Maladies Respiratoires Actualites</i> , 2011, 3, 173-184.	0.0	0
129	Neuromiopatie acquisite in rianimazione. <i>EMC - Anestesia-Rianimazione</i> , 2011, 16, 1-9.	0.1	0
130	Recovery and Long-Term Outcome in Acute Respiratory Distress Syndrome. <i>Critical Care Clinics</i> , 2011, 27, 685-704.	1.0	55
131	Mechanistic Links Between Oxidative Stress and Disuse Muscle Atrophy. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2519-2528.	2.5	150
132	Neurotization of the phrenic nerve with accessory nerve: A new strategy for high cervical spinal cord injury with respiratory distress. <i>Medical Hypotheses</i> , 2011, 76, 564-566.	0.8	4
133	Lung function and quality of life in survivors of the acute respiratory distress syndrome (ARDS). <i>Presse Medicale</i> , 2011, 40, e595-e603.	0.8	26
134	NeuromiopatÃas adquiridas en las unidades de cuidados intensivos. <i>EMC - Anestesia-ReanimaciÃn</i> , 2011, 37, 1-11.	0.1	0
135	Clinical review: Ventilator-induced diaphragmatic dysfunction - human studies confirm animal model findings!. <i>Critical Care</i> , 2011, 15, 206.	2.5	161
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137	Year in review 2010: <i>Critical Care - respirology</i> . <i>Critical Care</i> , 2011, 15, 240.	2.5	2
138	InfluÃncia da forÃa da musculatura perifÃrica no sucesso da decanulaÃo. <i>Revista Brasileira De Terapia Intensiva</i> , 2011, 23, 56-61.	0.1	8

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139	Parâmetros preditivos para o desmame da ventilação mecânica. <i>Jornal Brasileiro De Pneumologia</i> , 2011, 37, 669-679.	0.4	44
140	Lumican Expression in Diaphragm Induced by Mechanical Ventilation. <i>PLoS ONE</i> , 2011, 6, e24692.	1.1	7
141	Innovative research on end-of-life decision making*. <i>Critical Care Medicine</i> , 2011, 39, 1831-1832.	0.4	0
142	A spontaneous breathing trial with pressure support overestimates readiness for extubation in children. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e330-e335.	0.2	48
143	Fish oil is not the fix for acute lung injury*. <i>Critical Care Medicine</i> , 2011, 39, 1829-1830.	0.4	3
144	Diaphragmatic dysfunction in mechanical ventilation. <i>Current Opinion in Anaesthesiology</i> , 2011, 24, 214-218.	0.9	15
145	Pressure support improves oxygenation and lung protection compared to pressure-controlled ventilation and is further improved by random variation of pressure support*. <i>Critical Care Medicine</i> , 2011, 39, 746-755.	0.4	71
146	Mitochondria-targeted antioxidants protect against mechanical ventilation-induced diaphragm weakness*. <i>Critical Care Medicine</i> , 2011, 39, 1749-1759.	0.4	231
147	Data-driven omics and intensive care unit patient care*. <i>Critical Care Medicine</i> , 2011, 39, 1823-1824.	0.4	0
148	Critical genetic variations in critical illness*. <i>Critical Care Medicine</i> , 2011, 39, 1826-1827.	0.4	0
149	Inactivity-induced diaphragm dysfunction and mitochondria-targeted antioxidants: New concepts in critical care medicine*. <i>Critical Care Medicine</i> , 2011, 39, 1844-1845.	0.4	6
150	Nicotine replacement therapy in critically ill patients and the long-range risks of comfortable inaction*. <i>Critical Care Medicine</i> , 2011, 39, 1824-1826.	0.4	0
151	Salvaging the septic heart through targeting the interleukin-6/p38 mitogen-activated protein kinase signaling network*. <i>Critical Care Medicine</i> , 2011, 39, 1836-1837.	0.4	0
152	Selective Diaphragm Muscle Weakness After Contractile Inactivity During Thoracic Surgery. <i>Annals of Surgery</i> , 2011, 254, 1044-1049.	2.1	51
153	Ventilator-induced diaphragmatic dysfunction: Is there a dim light at the end of the tunnel?*. <i>Critical Care Medicine</i> , 2011, 39, 903-905.	0.4	2
154	Thenar tissue oxygen saturation monitoring: Noninvasive does not mean simple or accurate!*. <i>Critical Care Medicine</i> , 2011, 39, 1828-1829.	0.4	9
155	Prognosis of sepsis: Lessons from epidemiological studies*. <i>Critical Care Medicine</i> , 2011, 39, 1833-1834.	0.4	1
156	Microparticles have macro effects in sepsis*. <i>Critical Care Medicine</i> , 2011, 39, 1842-1843.	0.4	6

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158	Subdural hematoma: You can leave your hat on?*. Critical Care Medicine, 2011, 39, 1822-1823.	0.4	0
159	Does positive end-expiratory pressure improve CO2 exchange in controlled ventilation of acute airflow obstruction?*. Critical Care Medicine, 2011, 39, 1841-1842.	0.4	2
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162	Thromboprophylaxis in critically ill children: How should we define the “at risk” child?*. Critical Care Medicine, 2011, 39, 1846-1847.	0.4	2
163	Steroids for respiratory syncytial virus: Is it finally time to just say “no”?*. Critical Care Medicine, 2011, 39, 1847-1849.	0.4	1
164	Ultrasound-guided subclavian vein catheterization: Beyond just the jugular vein*. Critical Care Medicine, 2011, 39, 1819-1820.	0.4	21
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166	N-Acetylcysteine protects the rat diaphragm from the decreased contractility associated with controlled mechanical ventilation*. Critical Care Medicine, 2011, 39, 777-782.	0.4	83
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168	So we use less pulmonary artery catheters”But why?*. Critical Care Medicine, 2011, 39, 1820-1822.	0.4	13
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171	Spontaneously regulated vs. controlled ventilation of acute lung injury/acute respiratory distress syndrome. Current Opinion in Critical Care, 2011, 17, 24-29.	1.6	52
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176	Mechanical Ventilation-Induced Oxidative Stress in the Diaphragm. Chest, 2011, 139, 816-824.	0.4	24

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180	Neurally adjusted ventilatory assist vs. pressure support ventilation in critically ill patients: an observational study. <i>Acta Anaesthesiologica Scandinavica</i> , 2011, 55, 1261-1271.	0.7	17
181	Diaphragm and peripheral muscle thickness on ultrasound: Intra-observer reliability and variability of a methodology using non-standard recumbent positions. <i>Respirology</i> , 2011, 16, 1136-1143.	1.3	91
182	Redox homeostasis, oxidative stress and disuse muscle atrophy. <i>Journal of Physiology</i> , 2011, 589, 2147-2160.	1.3	116
183	The Impact of Pretransplant Mechanical Ventilation on Short- and Long-Term Survival After Lung Transplantation. <i>American Journal of Transplantation</i> , 2011, 11, 2197-2204.	2.6	60
184	Gene expression changes in the human diaphragm after cardiothoracic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 1214-1222.e20.	0.4	16
185	Identification of Adequate Neurally Adjusted Ventilatory Assist (NAVA) During Systematic Increases in the NAVA Level. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 2598-2606.	2.5	16
186	Novel Therapies Targeting Inner Mitochondrial Membrane—From Discovery to Clinical Development. <i>Pharmaceutical Research</i> , 2011, 28, 2669-2679.	1.7	143
187	Neurally adjusted ventilatory assist improves patient-ventilator interaction. <i>Intensive Care Medicine</i> , 2011, 37, 263-271.	3.9	199
188	Daily titration of neurally adjusted ventilatory assist using the diaphragm electrical activity. <i>Intensive Care Medicine</i> , 2011, 37, 1087-1094.	3.9	55
189	High dose methylprednisolone counteracts the negative effects of rocuronium on diaphragm function. <i>Intensive Care Medicine</i> , 2011, 37, 1865-72.	3.9	11
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191	High success and low mortality rates with non-invasive ventilation in influenza A H1N1 patients in a tertiary hospital. <i>BMC Research Notes</i> , 2011, 4, 375.	0.6	17
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201	Molecules modulating gene transcription during muscle wasting in cancer, sepsis, and other critical illness. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2011, 48, 71-86.	2.7	11
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296	Impact of diaphragm muscle fiber atrophy on neuromotor control. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 411-418.	0.7	20
298	Protective effect of melatonin on <sc>TNF</sc>â€induced muscle atrophy in <sc>L</sc>6 myotubes. <i>Journal of Pineal Research</i> , 2013, 54, 417-425.	3.4	15

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303	Does using pressure-controlled ventilation to rest respiratory muscles improve sleep in ICU patients?. <i>Respiratory Medicine</i> , 2013, 107, 534-541.	1.3	42
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305	Mechanisms regulating skeletal muscle growth and atrophy. <i>FEBS Journal</i> , 2013, 280, 4294-4314.	2.2	1,115
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310	Intensive Care Unit-acquired Weakness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 238-246.	2.5	193
311	Monitoring of the Respiratory Muscles in the Critically Ill. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 20-27.	2.5	170
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332	Perioperative physiotherapy. <i>Current Opinion in Anaesthesiology</i> , 2013, 26, 152-156.	0.9	20
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349	Short-term effects of noisy pressure support ventilation in patients with acute hypoxemic respiratory failure. <i>Critical Care</i> , 2013, 17, R261.	2.5	28
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354	PPAR δ Regulates Glucocorticoid- and Sepsis-Induced FOXO1 Activation and Muscle Wasting. <i>PLoS ONE</i> , 2013, 8, e59726.	1.1	34
355	Rapid and complete recovery in ventilator-induced diaphragm weakness—“problem solved?”. <i>Journal of Applied Physiology</i> , 2013, 115, 773-774.	1.2	6

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361	The JAK-STAT Pathway Is Critical in Ventilator-Induced Diaphragm Dysfunction. Molecular Medicine, 2014, 20, 579-589.	1.9	34
362	Modeling the Weaning of Intensive Care Unit Patients from Mechanical Ventilation: A Review. Critical Reviews in Biomedical Engineering, 2014, 42, 25-61.	0.5	6
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365	Inhibition of Janus kinase signaling during controlled mechanical ventilation prevents ventilation-induced diaphragm dysfunction. FASEB Journal, 2014, 28, 2790-2803.	0.2	36
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370	Does Inspiratory Muscle Dysfunction Predict Readmission after Intensive Care Unit Discharge?. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 347-350.	2.5	42
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742	Diaphragm thickening in cardiac surgery: a perioperative prospective ultrasound study. <i>Annals of Intensive Care</i> , 2019, 9, 50.	2.2	29
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917	Case Studies in Physiology: Physiological and clinical effects of temporary diaphragm pacing in two patients with ventilator-induced diaphragm dysfunction. <i>Journal of Applied Physiology</i> , 2021, 130, 1736-1742.	1.2	4
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