

Nicholas Hart

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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.

190
papers

8,021
citations

48
h-index

85
g-index

227
ext. papers

9,851
ext. citations

7.4
avg, IF

5.75
L-index

#	Paper	IF	Citations
190	Acute skeletal muscle wasting in critical illness. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 1591-600	27.4	935
189	Measurement of twitch transdiaphragmatic, esophageal, and endotracheal tube pressure with bilateral anterolateral magnetic phrenic nerve stimulation in patients in the intensive care unit. <i>Critical Care Medicine</i> , 2001 , 29, 1325-31	1.4	753
188	Control of Confounding and Reporting of Results in Causal Inference Studies. Guidance for Authors from Editors of Respiratory, Sleep, and Critical Care Journals. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 22-28	4.7	267
187	Effect of Home Noninvasive Ventilation With Oxygen Therapy vs Oxygen Therapy Alone on Hospital Readmission or Death After an Acute COPD Exacerbation: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 2177-2186	27.4	254
186	Cough augmentation with mechanical insufflation/exsufflation in patients with neuromuscular weakness. <i>European Respiratory Journal</i> , 2003 , 21, 502-8	13.6	249
185	An official American Thoracic Society Clinical Practice guideline: the diagnosis of intensive care unit-acquired weakness in adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1437-46	10.2	220
184	Quadriceps wasting and physical inactivity in patients with COPD. <i>European Respiratory Journal</i> , 2012 , 40, 1115-22	13.6	218
183	Outpatient pulmonary rehabilitation following acute exacerbations of COPD. <i>Thorax</i> , 2010 , 65, 423-8	7.3	182
182	Volume targeted versus pressure support non-invasive ventilation in patients with super obesity and chronic respiratory failure: a randomised controlled trial. <i>Thorax</i> , 2012 , 67, 727-34	7.3	161
181	Cardiac and respiratory effects of continuous positive airway pressure and noninvasive ventilation in acute cardiac pulmonary edema. <i>Critical Care Medicine</i> , 2002 , 30, 2457-61	1.4	130
180	Observational study of the effect of obesity on lung volumes. <i>Thorax</i> , 2014 , 69, 752-9	7.3	113
179	Qualitative Ultrasound in Acute Critical Illness Muscle Wasting. <i>Critical Care Medicine</i> , 2015 , 43, 1603-11	1.4	101
178	Changes in pulmonary mechanics with increasing disease severity in children and young adults with cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 61-6	10.2	96
177	The ICM research agenda on intensive care unit-acquired weakness. <i>Intensive Care Medicine</i> , 2017 , 43, 1270-1281	14.5	95
176	Guideline on the management of acute chest syndrome in sickle cell disease. <i>British Journal of Haematology</i> , 2015 , 169, 492-505	4.5	91
175	Respiratory muscle testing: a valuable tool for children with neuromuscular disorders. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 67-74	10.2	88
174	Neuromuscular electrical stimulation to improve exercise capacity in patients with severe COPD: a randomised double-blind, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 27-36	35.1	87

173	Evaluation and Management of Obesity Hypoventilation Syndrome. An Official American Thoracic Society Clinical Practice Guideline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, e6-e24	10.2	84
172	European Respiratory Society guidelines on long-term home non-invasive ventilation for management of COPD. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	83
171	Factors influencing physical activity and rehabilitation in survivors of critical illness: a systematic review of quantitative and qualitative studies. <i>Intensive Care Medicine</i> , 2017 , 43, 531-542	14.5	82
170	Recovery after critical illness: putting the puzzle together-a consensus of 29. <i>Critical Care</i> , 2017 , 21, 296	10.8	79
169	Mechanisms of improvement of respiratory failure in patients with restrictive thoracic disease treated with non-invasive ventilation. <i>Thorax</i> , 2005 , 60, 754-60	7.3	79
168	Rebuttal from Mehul S. Patel, Nicholas Hart and Michael I. Polkey. <i>Journal of Physiology</i> , 2012 , 590, 3399-3400	3.9	78
167	Metabolic phenotype of skeletal muscle in early critical illness. <i>Thorax</i> , 2018 , 73, 926-935	7.3	77
166	Clinical predictive value of manual muscle strength testing during critical illness: an observational cohort study. <i>Critical Care</i> , 2013 , 17, R229	10.8	77
165	Effect of severe isolated unilateral and bilateral diaphragm weakness on exercise performance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 165, 1265-70	10.2	76
164	Neural respiratory drive as a physiological biomarker to monitor change during acute exacerbations of COPD. <i>Thorax</i> , 2011 , 66, 602-8	7.3	73
163	Ultrasound for the assessment of peripheral skeletal muscle architecture in critical illness: a systematic review. <i>Critical Care Medicine</i> , 2015 , 43, 897-905	1.4	68
162	Skeletal muscle dysfunction in critical care: wasting, weakness, and rehabilitation strategies. <i>Critical Care Medicine</i> , 2010 , 38, S676-82	1.4	68
161	Air leaks during mechanical ventilation as a cause of persistent hypercapnia in neuromuscular disorders. <i>Intensive Care Medicine</i> , 2003 , 29, 596-602	14.5	66
160	Effect of salmeterol on respiratory muscle activity during exercise in poorly reversible COPD. <i>Thorax</i> , 2004 , 59, 471-6	7.3	58
159	Is a raised bicarbonate, without hypercapnia, part of the physiologic spectrum of obesity-related hypoventilation?. <i>Chest</i> , 2015 , 147, 362-368	5.3	57
158	Sleep-disordered breathing in unilateral diaphragm paralysis or severe weakness. <i>European Respiratory Journal</i> , 2008 , 32, 1479-87	13.6	56
157	Exercise rehabilitation following intensive care unit discharge for recovery from critical illness. <i>The Cochrane Library</i> , 2015 , CD008632	5.2	55
156	Structure to function: muscle failure in critically ill patients. <i>Journal of Physiology</i> , 2010 , 588, 4641-8	3.9	55

155	Effect of diaphragm fatigue on neural respiratory drive. <i>Journal of Applied Physiology</i> , 2001 , 90, 1691-9	3.7	55
154	Rectus Femoris Cross-Sectional Area and Muscle Layer Thickness: Comparative Markers of Muscle Wasting and Weakness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 136-138	10.2	53
153	Limitations of sniff nasal pressure in patients with severe neuromuscular weakness. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003 , 74, 1685-7	5.5	53
152	High pressure versus high intensity noninvasive ventilation in stable hypercapnic chronic obstructive pulmonary disease: a randomized crossover trial. <i>International Journal of COPD</i> , 2012 , 7, 811-8	13.8	52
151	Neuromuscular blockade and skeletal muscle weakness in critically ill patients: time to rethink the evidence?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 911-7	10.2	52
150	Setting of noninvasive pressure support in young patients with cystic fibrosis. <i>European Respiratory Journal</i> , 2004 , 24, 624-30	13.6	52
149	Acute effect of oral steroids on muscle function in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2004 , 24, 137-42	13.6	52
148	Effect of postoperative physical training on activity after curative surgery for non-small cell lung cancer: a multicentre randomised controlled trial. <i>Physiotherapy</i> , 2014 , 100, 100-7	3	51
147	Nutritional status is an important predictor of diaphragm strength in young patients with cystic fibrosis. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1201-6	7	51
146	Anterior magnetic phrenic nerve stimulation: laboratory and clinical evaluation. <i>Intensive Care Medicine</i> , 2000 , 26, 1065-75	14.5	50
145	Understanding factors influencing physical activity and exercise in lung cancer: a systematic review. <i>Supportive Care in Cancer</i> , 2017 , 25, 983-999	3.9	48
144	Skeletal muscle adiposity is associated with physical activity, exercise capacity and fibre shift in COPD. <i>European Respiratory Journal</i> , 2014 , 44, 1188-98	13.6	46
143	Functional electrical stimulation with cycling in the critically ill: a pilot case-matched control study. <i>Journal of Critical Care</i> , 2014 , 29, 695.e1-7	4	45
142	Respiratory management of the obese patient undergoing surgery. <i>Journal of Thoracic Disease</i> , 2015 , 7, 943-52	2.6	45
141	β-Hydroxy-β-methylbutyrate and its impact on skeletal muscle mass and physical function in clinical practice: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1119-1132	17.32	44
140	The role of nutritional support in the physical and functional recovery of critically ill patients: a narrative review. <i>Critical Care</i> , 2017 , 21, 226	10.8	44
139	Neural respiratory drive predicts clinical deterioration and safe discharge in exacerbations of COPD. <i>Thorax</i> , 2015 , 70, 1123-30	7.3	43
138	Respiratory effects of combined truncal and abdominal support in patients with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005 , 86, 1447-51	2.8	43

137	Parasternal electromyography to determine the relationship between patient-ventilator asynchrony and nocturnal gas exchange during home mechanical ventilation set-up. <i>Thorax</i> , 2015 , 70, 946-52	7.3	41
136	A UK survey of rehabilitation following critical illness: implementation of NICE Clinical Guidance 83 (CG83) following hospital discharge. <i>BMJ Open</i> , 2014 , 4, e004963	3	38
135	Respiratory muscle activity during REM sleep in patients with diaphragm paralysis. <i>Neurology</i> , 2004 , 62, 134-7	6.5	38
134	Neuromuscular Blockade in the 21st Century Management of the Critically Ill Patient. <i>Chest</i> , 2017 , 151, 697-706	5.3	36
133	Exercise rehabilitation following hospital discharge in survivors of critical illness: an integrative review. <i>Critical Care</i> , 2012 , 16, 226	10.8	35
132	The effect of back-up rate during non-invasive ventilation in young patients with cystic fibrosis. <i>Intensive Care Medicine</i> , 2004 , 30, 673-81	14.5	35
131	Evaluation of an inspiratory muscle trainer in healthy humans. <i>Respiratory Medicine</i> , 2001 , 95, 526-31	4.6	35
130	Obesity hypoventilation syndrome: does the current definition need revisiting?. <i>Thorax</i> , 2014 , 69, 83-4	7.3	34
129	Mechanisms of improvement of respiratory failure in patients with COPD treated with NIV. <i>International Journal of COPD</i> , 2008 , 3, 453-62	3	34
128	Vitamin D and skeletal muscle strength and endurance in COPD. <i>European Respiratory Journal</i> , 2013 , 41, 309-16	13.6	33
127	Exercise-based rehabilitation after hospital discharge for survivors of critical illness with intensive care unit-acquired weakness: A pilot feasibility trial. <i>Journal of Critical Care</i> , 2015 , 30, 589-98	4	30
126	Dysphagia in Duchenne muscular dystrophy assessed by validated questionnaire. <i>International Journal of Language and Communication Disorders</i> , 2013 , 48, 240-6	2.9	30
125	Burkholderia cepacia is associated with pulmonary hypertension and increased mortality among cystic fibrosis patients. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 5537-41	9.7	30
124	Effect of Protocolized Weaning With Early Extubation to Noninvasive Ventilation vs Invasive Weaning on Time to Liberation From Mechanical Ventilation Among Patients With Respiratory Failure: The Breathe Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1881-1890	27.4	30
123	Effect of Intermittent or Continuous Feed on Muscle Wasting in Critical Illness: A Phase 2 Clinical Trial. <i>Chest</i> , 2020 , 158, 183-194	5.3	28
122	A novel clinical test of respiratory muscle endurance. <i>European Respiratory Journal</i> , 2002 , 19, 232-9	13.6	28
121	Randomised sham-controlled trial of transcutaneous electrical stimulation in obstructive sleep apnoea. <i>Thorax</i> , 2016 , 71, 923-31	7.3	28
120	Exercise rehabilitation following intensive care unit discharge for recovery from critical illness: executive summary of a Cochrane Collaboration systematic review. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016 , 7, 520-526	10.3	28

119	Variation in Definition of Prolonged Mechanical Ventilation. <i>Respiratory Care</i> , 2017 , 62, 1324-1332	2.1	27
118	Reproducibility of twitch and sniff transdiaphragmatic pressures. <i>Respiratory Physiology and Neurobiology</i> , 2002 , 132, 301-6	2.8	27
117	Barriers to Translation of Physical Activity into the Lung Cancer Model of Care. A Qualitative Study of Clinicians' Perspectives. <i>Annals of the American Thoracic Society</i> , 2016 , 13, 2215-2222	4.7	27
116	Nutrition and Exercise Rehabilitation in Obesity hypoventilation syndrome (NERO): a pilot randomised controlled trial. <i>Thorax</i> , 2018 , 73, 62-69	7.3	26
115	Depression of diaphragm motor cortex excitability during mechanical ventilation. <i>Journal of Applied Physiology</i> , 2004 , 97, 3-10	3.7	26
114	An Exploratory Study of Long-Term Outcome Measures in Critical Illness Survivors: Construct Validity of Physical Activity, Frailty, and Health-Related Quality of Life Measures. <i>Critical Care Medicine</i> , 2016 , 44, e362-9	1.4	26
113	Early rehabilitation in critical care (eRiCC): functional electrical stimulation with cycling protocol for a randomised controlled trial. <i>BMJ Open</i> , 2012 , 2,	3	25
112	Provision of home mechanical ventilation and sleep services for England survey. <i>Thorax</i> , 2013 , 68, 880-1	7.3	24
111	Skeletal muscle mass and mortality - but what about functional outcome?. <i>Critical Care</i> , 2014 , 18, 110	10.8	23
110	Inspiratory muscle load and capacity in chronic heart failure. <i>Thorax</i> , 2004 , 59, 477-82	7.3	23
109	Physical Rehabilitation Core Outcomes In Critical illness (PRACTICE): protocol for development of a core outcome set. <i>Trials</i> , 2018 , 19, 294	2.8	22
108	A randomized controlled trial of angiotensin-converting enzyme inhibition for skeletal muscle dysfunction in COPD. <i>Chest</i> , 2014 , 146, 932-940	5.3	22
107	Respiratory complications of obesity. <i>Clinical Medicine</i> , 2012 , 12, 75-8	1.9	22
106	Effect of pattern and severity of respiratory muscle weakness on carbon monoxide gas transfer and lung volumes. <i>European Respiratory Journal</i> , 2002 , 20, 996-1002	13.6	21
105	CrossTalk proposal: training the respiratory muscles does not improve exercise tolerance. <i>Journal of Physiology</i> , 2012 , 590, 3393-5; discussion 3401	3.9	19
104	Comparison of 7 versus 14 days wrist actigraphy monitoring in a sleep disorders clinic population. <i>Chronobiology International</i> , 2014 , 31, 356-62	3.6	19
103	Correlates of obesity-related chronic ventilatory failure. <i>BMJ Open Respiratory Research</i> , 2016 , 3, e0001106	10.6	19
102	The effect of positive and negative message framing on short term continuous positive airway pressure compliance in patients with obstructive sleep apnea. <i>Journal of Thoracic Disease</i> , 2018 , 10, S160-S169	2.6	19

101	A cohort study to identify simple clinical tests for chronic respiratory failure in obese patients with sleep-disordered breathing. <i>BMJ Open Respiratory Research</i> , 2014 , 1, e000022	5.6	18
100	Physical, cognitive and mental health impacts of COVID-19 following hospitalisation: a multi-centre prospective cohort study		17
99	Low Levels of Physical Activity During Critical Illness and Weaning: The Evidence-Reality Gap. <i>Journal of Intensive Care Medicine</i> , 2019 , 34, 818-827	3.3	17
98	Continuous or intermittent feeding: pros and cons. <i>Current Opinion in Critical Care</i> , 2018 , 24, 256-261	3.5	16
97	Effect of lung volume on the oesophageal diaphragm EMG assessed by magnetic phrenic nerve stimulation. <i>European Respiratory Journal</i> , 2000 , 15, 1033-8	13.6	16
96	Klotho and smoking--An interplay influencing the skeletal muscle function deficits that occur in COPD. <i>Respiratory Medicine</i> , 2016 , 113, 50-6	4.6	16
95	Polysomnography versus limited respiratory monitoring and nurse-led titration to optimise non-invasive ventilation set-up: a pilot randomised clinical trial. <i>Thorax</i> , 2019 , 74, 83-86	7.3	16
94	Nonvolitional assessment of tibialis anterior force and architecture during critical illness. <i>Muscle and Nerve</i> , 2018 , 57, 964-972	3.4	15
93	Dysphagia in Duchenne muscular dystrophy assessed objectively by surface electromyography. <i>Dysphagia</i> , 2013 , 28, 188-98	3.7	15
92	Inspiratory muscle relaxation rate slows during exhaustive treadmill walking in patients with chronic heart failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, 1400-3	10.2	14
91	Patient and Family Centered Actionable Processes of Care and Performance Measures for Persistent and Chronic Critical Illness: A Systematic Review 2019 , 1, e0005		14
90	Medium-term cost-effectiveness of an automated non-invasive ventilation outpatient set-up versus a standard fixed level non-invasive ventilation inpatient set-up in obese patients with chronic respiratory failure: a protocol description. <i>BMJ Open</i> , 2015 , 5, e007082	3	13
89	Current opinions on non-invasive ventilation as a treatment for chronic obstructive pulmonary disease. <i>Current Opinion in Pulmonary Medicine</i> , 2013 , 19, 626-30	3	13
88	Measurement of diaphragm loading during pressure support ventilation. <i>Intensive Care Medicine</i> , 2003 , 29, 1960-6	14.5	13
87	Breathlessness associated with abdominal spastic contraction in a patient with C4 tetraplegia: a case report. <i>Archives of Physical Medicine and Rehabilitation</i> , 2003 , 84, 906-8	2.8	13
86	The use of an online pictorial Epworth Sleepiness Scale in the assessment of age and gender specific differences in excessive daytime sleepiness. <i>Journal of Thoracic Disease</i> , 2015 , 7, 897-902	2.6	13
85	Comparative study of linear and curvilinear ultrasound probes to assess quadriceps rectus femoris muscle mass in healthy subjects and in patients with chronic respiratory disease. <i>BMJ Open Respiratory Research</i> , 2016 , 3, e000103	5.6	12
84	Admission prevention in COPD: non-pharmacological management. <i>BMC Medicine</i> , 2013 , 11, 247	11.4	12

83	Neuromuscular blockers and ARDS. <i>New England Journal of Medicine</i> , 2010 , 363, 2563	59.2	12
82	Central fatigue of the diaphragm and quadriceps during incremental loading. <i>Lung</i> , 2002 , 180, 1-13	2.9	12
81	Time-to-death in chronic respiratory failure on home mechanical ventilation: A cohort study. <i>Respiratory Medicine</i> , 2020 , 162, 105877	4.6	11
80	Overnight auto-adjusting continuous airway pressure + standard care compared with standard care alone in the prevention of morbidity in sickle cell disease phase II (POMS2b): study protocol for a randomised controlled trial. <i>Trials</i> , 2018 , 19, 55	2.8	11
79	Domiciliary use of transcutaneous electrical stimulation for patients with obstructive sleep apnoea: a conceptual framework for the TESLA home programme. <i>Journal of Thoracic Disease</i> , 2019 , 11, 2153-2164	2.6	11
78	A pilot study of change in fracture risk in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2015 , 19, 165	10.8	11
77	Improving uptake and completion of pulmonary rehabilitation in COPD with lay health workers: feasibility of a clinical trial. <i>International Journal of COPD</i> , 2019 , 14, 631-643	3	10
76	Low flow nocturnal oxygen therapy does not suppress haemoglobin levels or increase painful crises in sickle cell disease. <i>British Journal of Haematology</i> , 2013 , 161, 455-6	4.5	10
75	Comparison of proportional assist ventilation and pressure support ventilation in chronic respiratory failure due to neuromuscular and chest wall deformity. <i>Thorax</i> , 2002 , 57, 979-81	7.3	10
74	Long-term survival following initiation of home non-invasive ventilation: a European study. <i>Thorax</i> , 2020 , 75, 965-973	7.3	10
73	Prospective observational cohort study of patients with weaning failure admitted to a specialist weaning, rehabilitation and home mechanical ventilation centre. <i>BMJ Open</i> , 2016 , 6, e010025	3	10
72	Home Non-Invasive Ventilation for COPD: How, Who and When?. <i>Archivos De Bronconeumologia</i> , 2018 , 54, 149-154	0.7	9
71	Acute muscle wasting among critically ill patients--reply. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 622-3	27.4	9
70	High-flow therapy: physiological effects and clinical applications. <i>Breathe</i> , 2020 , 16, 200224	1.8	9
69	Trial of Portable Continuous Positive Airway Pressure for the Management of Tracheobronchomalacia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, e57	10.2	8
68	Early feeding during critical illness. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 15-7	35.1	8
67	Economic assessment of home-based COPD management programs. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013 , 10, 640-9	2	8
66	Intensive care unit acquired muscle weakness: when should we consider rehabilitation?. <i>Critical Care</i> , 2009 , 13, 167	10.8	8

65	Autotitrating external positive end-expiratory airway pressure to abolish expiratory flow limitation during tidal breathing in patients with severe COPD: a physiological study. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	8
64	The Effect of Hospital Discharge with Empiric Noninvasive Ventilation on Mortality in Hospitalized Patients with Obesity Hypoventilation Syndrome. An Individual Patient Data Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 627-637	4.7	8
63	Neural respiratory drive predicts long-term outcome following admission for exacerbation of COPD: a post hoc analysis. <i>Thorax</i> , 2019 , 74, 910-913	7.3	7
62	Pulmonary rehabilitation, physical activity, respiratory failure and palliative respiratory care. <i>Thorax</i> , 2019 , 74, 693-699	7.3	7
61	Home mechanical ventilation for chronic obstructive pulmonary disease: What next after the HOT-HMV trial?. <i>Respirology</i> , 2019 , 24, 732-739	3.6	7
60	Prevention of Morbidity in sickle cell disease--qualitative outcomes, pain and quality of life in a randomised cross-over pilot trial of overnight supplementary oxygen and auto-adjusting continuous positive airways pressure (POMS2a): study protocol for a randomised controlled trial. <i>Trials</i> , 2019 , 20, 277	2.8	7
59	Nocturnal pulse rate and symptomatic response in patients with obstructive sleep apnoea treated with continuous positive airway pressure for one year. <i>Journal of Thoracic Disease</i> , 2014 , 6, 598-605	2.6	7
58	BPAP is an effective second-line therapy for obese patients with OSA failing regular CPAP: A prospective observational cohort study. <i>Respirology</i> , 2020 , 25, 443-448	3.6	7
57	In-vitro performance of a low flow extracorporeal carbon dioxide removal circuit. <i>Perfusion (United Kingdom)</i> , 2020 , 35, 227-235	1.9	7
56	In vivo carbon dioxide clearance of a low-flow extracorporeal carbon dioxide removal circuit in patients with acute exacerbations of chronic obstructive pulmonary disease. <i>Perfusion (United Kingdom)</i> , 2020 , 35, 436-441	1.9	6
55	Extracorporeal carbon dioxide removal for acute hypercapnic exacerbations of chronic obstructive pulmonary disease: study protocol for a randomised controlled trial. <i>Trials</i> , 2019 , 20, 465	2.8	6
54	The role of noninvasive ventilation in the management and mitigation of exacerbations and hospital admissions/readmissions for the patient with moderate to severe COPD (multimedia activity). <i>Chest</i> , 2015 , 147, 1704-1705	5.3	6
53	Obesity hypoventilation syndrome: the need for a multifaceted approach to treatment. <i>Chest</i> , 2012 , 142, 540-541	5.3	6
52	Weakness in the ICU: a call to action. <i>Critical Care</i> , 2009 , 13, 1002	10.8	6
51	NoSAS score associated with arterial stiffness in a large cohort of healthy individuals. <i>Lancet Respiratory Medicine</i> , 2016 , 4, e54	35.1	6
50	Monitoring Cough Effectiveness and Use of Airway Clearance Strategies: A Canadian and UK Survey. <i>Respiratory Care</i> , 2018 , 63, 1506-1513	2.1	6
49	Rebuttal: Obesity hypoventilation syndrome (OHS): does the current definition need revisiting? <i>Thorax</i> , 2014 , 69, 955	7.3	5
48	Positive airway pressure devices for the management of breathlessness. <i>Current Opinion in Supportive and Palliative Care</i> , 2018 , 12, 246-252	2.6	4

47	Respiratory subtype of relapsing polychondritis frequently presents as difficult asthma: a descriptive study of respiratory involvement in relapsing polychondritis with 13 patients from a single UK centre. <i>ERJ Open Research</i> , 2021 , 7,	3.5	4
46	Non-invasive ventilation for obese patients with chronic respiratory failure: Are two pressures always better than one?. <i>Respirology</i> , 2019 , 24, 952-961	3.6	3
45	COPD Home Oxygen Therapy and Home Mechanical Ventilation: Improving Admission-Free Survival in Persistent Hypercapnic COPD. <i>Chest</i> , 2018 , 153, 1499-1500	5.3	3
44	Prevention of Morbidity in Sickle Cell Disease (POMS2a)-overnight auto-adjusting continuous positive airway pressure compared with nocturnal oxygen therapy: a randomised crossover pilot study examining patient preference and safety in adults and children. <i>Trials</i> , 2019 , 20, 442	2.8	3
43	An observational cohort study to determine efficacy, adherence and outcome of the early initiation of pressure support ventilation during mechanical ventilation. <i>BMJ Open Respiratory Research</i> , 2014 , 1, e000028	5.6	3
42	Who benefits from home mechanical ventilation?. <i>Clinical Medicine</i> , 2009 , 9, 160-3	1.9	3
41	Depression of diaphragm contractility by nitrous oxide in humans. <i>Anesthesia and Analgesia</i> , 2002 , 94, 340-5, table of contents	3.9	3
40	Investigation of Respiratory Muscle Function. <i>Clinical Pulmonary Medicine</i> , 2001 , 8, 180-187	0.3	3
39	Prevalence of Nocturnal Hypoxia and Its Association with Disease Severity in Adults with Sickle Cell Disease.. <i>Blood</i> , 2009 , 114, 261-261	2.2	3
38	LATE-BREAKING ABSTRACT: Improving admission free survival with home mechanical ventilation (HMV) and home oxygen therapy (HOT) following life threatening COPD exacerbations: HoT-HMV UK Trial NCT00990132 2016 ,		3
37	Inhaled Corticosteroids Prescribed for COPD Patients with Mild or Moderate Airflow Limitation: Who Warrants a Trial of Withdrawal?. <i>International Journal of COPD</i> , 2019 , 14, 3063-3066	3	3
36	Nasal versus oronasal masks for home non-invasive ventilation in patients with chronic hypercapnia: a systematic review and individual participant data meta-analysis. <i>Thorax</i> , 2021 , 76, 1108-1116	7.3	3
35	Obesity hypoventilation syndrome: is less really more?. <i>Lancet, The</i> , 2019 , 393, 1674-1676	4.0	2
34	Uptake of telehealth implementation for COPD patients in a high-poverty, inner-city environment: A survey. <i>Chronic Respiratory Disease</i> , 2018 , 15, 81-84	3	2
33	Neuromuscular electrical stimulation to improve exercise capacity in patients with severe COPD - AuthorsPreply. <i>Lancet Respiratory Medicine,the</i> , 2016 , 4, e16	35.1	2
32	Patient- and family-centered performance measures focused on actionable processes of care for persistent and chronic critical illness: protocol for a systematic review. <i>Systematic Reviews</i> , 2017 , 6, 84	3	2
31	Protocolised non-invasive compared with invasive weaning from mechanical ventilation for adults in intensive care: the Breathe RCT. <i>Health Technology Assessment</i> , 2019 , 23, 1-114	4.4	2
30	Step-down from non-invasive ventilation to continuous positive airway pressure: A better phenotyping is required. <i>Respirology</i> , 2020 , 25, 456	3.6	2

29	Long-term adherence to home mechanical ventilation: a 10-year retrospective, single-centre cohort study. <i>Journal of Thoracic Disease</i> , 2020 , 12, S120-S128	2.6	2
28	The value of a post-polio syndrome self-management programme. <i>Journal of Thoracic Disease</i> , 2020 , 12, S153-S162	2.6	2
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