

John R Bach

List of Publications by Citations

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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.

112
papers

6,120
citations

43
h-index

77
g-index

119
ext. papers

6,929
ext. citations

2.2
avg, IF

5.98
L-index

#	Paper	IF	Citations
112	Criteria for extubation and tracheostomy tube removal for patients with ventilatory failure. A different approach to weaning. <i>Chest</i> , 1996 , 110, 1566-71	5.3	391
111	Prevention of pulmonary morbidity for patients with Duchenne muscular dystrophy. <i>Chest</i> , 1997 , 112, 1024-8	5.3	381
110	Mechanical insufflation-exsufflation. Comparison of peak expiratory flows with manually assisted and unassisted coughing techniques. <i>Chest</i> , 1993 , 104, 1553-62	5.3	324
109	Management of chronic alveolar hypoventilation by nasal ventilation. <i>Chest</i> , 1990 , 97, 52-7	5.3	235
108	Prevention of pulmonary morbidity for patients with neuromuscular disease. <i>Chest</i> , 2000 , 118, 1390-6	5.3	220
107	Intermittent positive pressure ventilation via the mouth as an alternative to tracheostomy for 257 ventilator users. <i>Chest</i> , 1993 , 103, 174-82	5.3	206
106	Duchenne muscular dystrophy: prolongation of life by noninvasive ventilation and mechanically assisted coughing. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2002 , 81, 411-5	2.6	188
105	Maximum insufflation capacity. <i>Chest</i> , 2000 , 118, 61-5	5.3	178
104	Update and perspective on noninvasive respiratory muscle aids. Part 2: The expiratory aids. <i>Chest</i> , 1994 , 105, 1538-44	5.3	177
103	Spinal muscular atrophy type 1: management and outcomes. <i>Pediatric Pulmonology</i> , 2002 , 34, 16-22	3.5	164
102	Mechanical ventilation beyond the intensive care unit. Report of a consensus conference of the American College of Chest Physicians. <i>Chest</i> , 1998 , 113, 289S-344S	5.3	157
101	A comparison of long-term ventilatory support alternatives from the perspective of the patient and care giver. <i>Chest</i> , 1993 , 104, 1702-6	5.3	155
100	Spinal muscular atrophy type 1: A noninvasive respiratory management approach. <i>Chest</i> , 2000 , 117, 1100-5	5.3	153
99	Duchenne muscular dystrophy: continuous noninvasive ventilatory support prolongs survival. <i>Respiratory Care</i> , 2011 , 56, 744-50	2.1	152
98	Intermittent positive pressure ventilation via nasal access in the management of respiratory insufficiency. <i>Chest</i> , 1987 , 92, 168-70	5.3	138
97	Noninvasive options for ventilatory support of the traumatic high level quadriplegic patient. <i>Chest</i> , 1990 , 98, 613-9	5.3	136
96	Maximum insufflation capacity: vital capacity and cough flows in neuromuscular disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2000 , 79, 222-7	2.6	133

95	Life satisfaction and well-being measures in ventilator assisted individuals with traumatic tetraplegia. <i>Archives of Physical Medicine and Rehabilitation</i> , 1994 , 75, 626-32	2.8	127
94	Neuromuscular ventilatory insufficiency: effect of home mechanical ventilator use v oxygen therapy on pneumonia and hospitalization rates. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1998 , 77, 8-19	2.6	126
93	Life satisfaction of individuals with Duchenne muscular dystrophy using long-term mechanical ventilatory support. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1991 , 70, 129-35	2.6	121
92	The ventilator-assisted individual. Cost analysis of institutionalization vs rehabilitation and in-home management. <i>Chest</i> , 1992 , 101, 26-30	5.3	114
91	Mouth intermittent positive pressure ventilation in the management of postpolio respiratory insufficiency. <i>Chest</i> , 1987 , 91, 859-64	5.3	113
90	Management of end stage respiratory failure in Duchenne muscular dystrophy. <i>Muscle and Nerve</i> , 1987 , 10, 177-82	3.4	109
89	The respiratory management of patients with duchenne muscular dystrophy: a DMD care considerations working group specialty article. <i>Pediatric Pulmonology</i> , 2010 , 45, 739-48	3.5	104
88	Sleep fragmentation in kyphoscoliotic individuals with alveolar hypoventilation treated by NIPPV. <i>Chest</i> , 1995 , 107, 1552-8	5.3	102
87	Update and perspectives on noninvasive respiratory muscle aids. Part 1: The inspiratory aids. <i>Chest</i> , 1994 , 105, 1230-40	5.3	85
86	Intermittent abdominal pressure ventilator in a regimen of noninvasive ventilatory support. <i>Chest</i> , 1991 , 99, 630-6	5.3	81
85	Tracheostomy ventilation. A study of efficacy with deflated cuffs and cuffless tubes. <i>Chest</i> , 1990 , 97, 679-83	5.3	70
84	Efficacy of mechanical insufflation-exsufflation in extubating unweanable subjects with restrictive pulmonary disorders. <i>Respiratory Care</i> , 2015 , 60, 477-83	2.1	68
83	Changing trends in the management of end-stage neuromuscular respiratory muscle failure: recommendations of an international consensus. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013 , 92, 267-77	2.6	67
82	Spinal muscular atrophy type 1 quality of life. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2003 , 82, 137-42	2.6	66
81	Lung inflation by glossopharyngeal breathing and "air stacking" in Duchenne muscular dystrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2007 , 86, 295-300	2.6	65
80	New approaches in the rehabilitation of the traumatic high level quadriplegic. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1991 , 70, 13-9	2.6	63
79	Noninvasive management of pediatric neuromuscular ventilatory failure. <i>Critical Care Medicine</i> , 1998 , 26, 2061-5	1.4	62
78	Prevention of pectus excavatum for children with spinal muscular atrophy type 1. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2003 , 82, 815-9	2.6	61

77	Long-term survival in Werdnig-Hoffmann disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2007 , 86, 339-45 quiz 346-8, 379	2.6	57
76	Obstructive sleep apnea complicating negative-pressure ventilatory support in patients with chronic paralytic/restrictive ventilatory dysfunction. <i>Chest</i> , 1991 , 99, 1386-93	5.3	56
75	Disorders of ventilation : weakness, stiffness, and mobilization. <i>Chest</i> , 2000 , 117, 301-3	5.3	55
74	Communication Status and Survival with Ventilatory Support. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1993 , 72, 343-349	2.6	51
73	Noninvasive respiratory management of high level spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2012 , 35, 72-80	1.9	49
72	Pneumothorax associated with mechanical insufflation-exsufflation and related factors. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2008 , 87, 951-5	2.6	48
71	Noninvasive Respiratory Management of Patients With Neuromuscular Disease. <i>Annals of Rehabilitation Medicine</i> , 2017 , 41, 519-538	1.7	46
70	The use of mechanical ventilation is appropriate in children with genetically proven spinal muscular atrophy type 1: the motion for. <i>Paediatric Respiratory Reviews</i> , 2008 , 9, 45-50; quiz 50; discussion 55-6	4.8	43
69	Management alternatives for post-polio respiratory insufficiency. Assisted ventilation by nasal or oral-nasal interface. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1989 , 68, 264-71	2.6	34
68	Expiratory flow maneuvers in patients with neuromuscular diseases. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2006 , 85, 105-11	2.6	30
67	A study of thyrotropin-releasing hormone for the treatment of spinal muscular atrophy: a preliminary report. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2000 , 79, 435-40	2.6	30
66	Pulmonary function and sleep disordered breathing in patients with traumatic tetraplegia: a longitudinal study. <i>Archives of Physical Medicine and Rehabilitation</i> , 1994 , 75, 279-84	2.8	30
65	Open gastrostomy for noninvasive ventilation users with neuromuscular disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010 , 89, 1-6	2.6	26
64	Active lung volume recruitment to preserve vital capacity in Duchenne muscular dystrophy. <i>Journal of Rehabilitation Medicine</i> , 2017 , 49, 49-53	3.4	24
63	Standards of care in MDA clinics. Muscular Dystrophy Association. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2000 , 79, 193-6	2.6	22
62	Ethical considerations in the management of individuals with severe neuromuscular disorders. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1994 , 73, 134-40	2.6	21
61	Spinal Muscular Atrophy Type 1: Prolongation of Survival by Noninvasive Respiratory Aids. <i>Pediatric Asthma, Allergy and Immunology</i> , 2009 , 22, 151-162		20
60	Continuous noninvasive ventilation for patients with neuromuscular disease and spinal cord injury. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2002 , 23, 283-92	3.9	20

59	Cytokine storm induced by SARS-CoV-2 infection: The spectrum of its neurological manifestations. <i>Cytokine</i> , 2021 , 138, 155404	4	19
58	Duchenne muscular dystrophy: the effect of glucocorticoids on ventilator use and ambulation. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010 , 89, 620-4	2.6	18
57	Posterior spinal fusion in children with flaccid neuromuscular scoliosis: the role of noninvasive positive pressure ventilatory support. <i>Journal of Pediatric Orthopaedics</i> , 2013 , 33, 488-93	2.4	17
56	Electrophrenic ventilation: a different perspective. <i>The Journal of the American Paraplegia Society</i> , 1991 , 14, 9-17		16
55	Respiratory muscle aids to avert respiratory failure and tracheostomy: a new patient management paradigm. <i>Journal of Neurorestoratology</i> , 2014 , 25	3.3	15
54	Successful pregnancies for ventilator users. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2003 , 82, 226-9	2.6	15
53	Sleep and nocturnal mouthpiece IPPV efficiency in postpoliomyelitis ventilator users. <i>Chest</i> , 1994 , 106, 1705-10	5.3	15
52	Vital capacity in spinal muscular atrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2012 , 91, 487-93	2.6	14
51	Traumatic Tetraplegia. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2002 , 81, 792-797	2.6	14
50	Normalization of blood carbon dioxide levels by transition from conventional ventilatory support to noninvasive inspiratory aids. <i>Archives of Physical Medicine and Rehabilitation</i> , 1994 , 75, 1145-50	2.8	12
49	Use of Noninvasive Ventilation During Feeding Tube Placement. <i>Respiratory Care</i> , 2017 , 62, 1474-1484	2.1	11
48	Daytime noninvasive ventilatory support for patients with ventilatory pump failure: a narrative review. <i>Multidisciplinary Respiratory Medicine</i> , 2019 , 14, 38	3	11
47	Noninvasive respiratory management and diaphragm and electrophrenic pacing in neuromuscular disease and spinal cord injury. <i>Muscle and Nerve</i> , 2013 , 47, 297-305	3.4	10
46	Cuff deflation: rehabilitation in critical care. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, 719-23	2.6	10
45	Pulmonary dysfunction and its management in post-polio patients. <i>NeuroRehabilitation</i> , 1997 , 8, 139-53	2	10
44	Mechanical InsufflationExsufflation Improves Outcomes for Neuromuscular Disease Patients with Respiratory Tract Infections. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2005 , 84, 89-91	2.6	10
43	Electrophrenic pacing and decannulation for high-level spinal cord injury: a case series. <i>Journal of Spinal Cord Medicine</i> , 2012 , 35, 170-4	1.9	9
42	Noninvasive ventilatory support to reverse weight loss in Duchenne muscular dystrophy: A case series. <i>Pulmonology</i> , 2019 , 25, 79-82	3.7	7

41	A review of the respiratory management of a patient with high level tetraplegia. <i>Spinal Cord</i> , 1997 , 35, 805-8	2.7	7
40	Mechanical In-exsufflation-Expiratory Flows as Indication for Tracheostomy Tube Decannulation: Case Studies. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019 , 98, e18-e20	2.6	7
39	Efficacy of new intermittent abdominal pressure ventilator for post-ischemic cervical myelopathy ventilatory insufficiency. <i>Multidisciplinary Respiratory Medicine</i> , 2019 , 14, 4	3	6
38	Physical Medicine Interventions to Avoid Acute Respiratory Failure and Invasive Airway Tubes. <i>PM and R</i> , 2015 , 7, 871-877	2.2	6
37	Association of Need for Tracheotomy With Decreasing Mechanical In-Exsufflation Flows in Amyotrophic Lateral Sclerosis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018 , 97, e20-e22	2.6	6
36	A ventilator requirement index. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2008 , 87, 285-291	2.6	6
35	Avoiding respiratory failure in neuromuscular disease: why is it not done?. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2007 , 86, 222-4	2.6	5
34	Quantitation of oxygen-induced hypercapnia in respiratory pump failure. <i>Revista Portuguesa De Pneumologia</i> , 2016 , 22, 262-5		5
33	Continuous critical care and long-term noninvasive ventilatory support for patients with neuromuscular disease. <i>Chest</i> , 2009 , 135, 246-247	5.3	4
32	Amyotrophic lateral sclerosis: noninvasive ventilation, uncuffed tracheostomy tubes, and mechanically assisted coughing. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010 , 89, 412-4	2.6	4
31	Daytime non-invasive ventilatory support via intermittent abdominal pressure for a patient with Pompe disease. <i>Pulmonology</i> , 2021 , 27, 182-184	3.7	4
30	Noninvasive Positive Pressure Ventilatory Support Begins During Sleep. <i>Sleep Medicine Clinics</i> , 2017 , 12, 607-615	3.6	3
29	An alternative view on medical care delivery: a commentary. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, 1095-9	2.6	3
28	Noninvasive respiratory management for patients with spinal cord injury and neuromuscular disease. <i>Tanaffos</i> , 2012 , 11, 7-11	0.5	3
27	The Intermittent Abdominal Pressure Ventilator as an alternative modality of noninvasive ventilatory support: a narrative review. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021 ,	2.6	3
26	A Mechanical Intermittent Abdominal Pressure Ventilator. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019 , 98, e144-e146	2.6	3
25	Treatment of Idiopathic Diaphragm Flutter: A Case Study. <i>Chest</i> , 2017 , 151, e69-e71	5.3	2
24	Conventional Respiratory Management of Spinal Cord Injury. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2020 , 31, 379-395	2.3	2

23	The Duchenne de Boulogne-Meryon controversy and pseudohypertrophic muscular dystrophy. <i>Journal of the History of Medicine and Allied Sciences</i> , 2000 , 55, 158-78	0.1	2
22	Complete Restoration of Respiratory Muscle Function in Three Subjects With Spinal Cord Injury?. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020 , 99, e90	2.6	2
21	A Short History of Medical Expert Guidelines and How They Pertain to Tracheostomy Tubes and Physical Medicine and Rehabilitation. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019 , 98, 622-626	2.6	2
20	Respiratory Complications of Pediatric Neuromuscular Diseases. <i>Pediatric Clinics of North America</i> , 2021 , 68, 177-191	3.6	2
19	Evidence-Based Medicine Analysis of Mechanical Insufflation-Exsufflation Devices. <i>Respiratory Care</i> , 2017 , 62, 643	2.1	1
18	Massive reflux and aspiration after radiographically inserted gastrostomy tube placement. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015 , 94, e6-9	2.6	1
17	Misconceptions in the assessment of cough peak flow measurements for extubation or decanulation protocols. <i>Revista Portuguesa De Pneumologia</i> , 2015 , 21, 285-6		1
16	Noninvasive Respiratory Management of Spinal Cord Injury. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2020 , 31, 397-413	2.3	1
15	Noninvasive ventilation and end of life in motor neuron disease. <i>Palliative Medicine</i> , 2013 , 27, 877	5.5	1
14	Noninvasive Respiratory Care Received by Individuals With Duchenne Muscular Dystrophy Since 1979. <i>Respiratory Care</i> , 2017 , 62, 1120-1121	2.1	1
13	Cardiopulmonary resuscitation interface adapted for postextubation continuous noninvasive ventilatory support. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015 , 94, e80-3	2.6	1
12	Speech and mechanical ventilation. <i>Chest</i> , 2013 , 144, 1739-1740	5.3	1
11	Glucocorticoid-Associated Demise of a Patient With Duchenne Muscular Dystrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020 , 99, e146-e148	2.6	1
10	Continuous noninvasive ventilatory support as an alternative to invasive TMV. <i>Muscle and Nerve</i> , 2016 , 53, 660	3.4	1
9	Palliative care becomes uninformed euthanasia when patients are not offered noninvasive life preserving options. <i>Journal of Palliative Care</i> , 2007 , 23, 181-4	1.8	1
8	Continuous noninvasive ventilatory support outcomes for patients with neuromuscular disease: a multicenter data collaboration. <i>Pulmonology</i> , 2021 , 27, 509-517	3.7	0
7	Noninvasive ventilatory support in morbid obesity. <i>Pulmonology</i> , 2021 , 27, 386-393	3.7	0
6	Is "Noninvasive Ventilation" the Way to Prevent Respiratory Failure in Amyotrophic Lateral Sclerosis?. <i>Chest</i> , 2019 , 156, 189	5.3	

5	Oxyhemoglobin desaturation as a function of age and hypercapnia from ventilatory pump failure (VPF). <i>Journal of Neurorestoratology</i> , 2020 , 8, 114-121	3.3
4	Respiratory Management of Neuromuscular Disorders 2020 , 868-875	
3	Proposed Decannulation Criteria for COVID-19 Patients. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021 , 100, 730-732	2.6
2	Mechanical Insufflation Exsufflation, Syringomyelia, and Headache. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021 , 100, e129-e130	2.6
1	Letter to the Editor: Impact of invasive ventilation on survival when non-invasive ventilation is ineffective in patients with Duchenne muscular dystrophy: A prospective cohort. <i>Respiratory Medicine</i> , 2018 , 145, 239-240	4.6