

John R Bach

List of Publications by Year in descending order

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118
papers

7,811
citations

57758

44
h-index

49909

87
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119
all docs

119
docs citations

119
times ranked

2393
citing authors

#	ARTICLE	IF	CITATIONS
1	Criteria for Extubation and Tracheostomy Tube Removal for Patients With Ventilatory Failure. Chest, 1996, 110, 1566-1571.	0.8	494
2	Prevention of Pulmonary Morbidity for Patients With Duchenne Muscular Dystrophy. Chest, 1997, 112, 1024-1028.	0.8	467
3	Mechanical Insufflation-Exsufflation. Chest, 1993, 104, 1553-1562.	0.8	387
4	Prevention of Pulmonary Morbidity for Patients With Neuromuscular Disease. Chest, 2000, 118, 1390-1396.	0.8	277
5	Management of Chronic Alveolar Hypoventilation by Nasal Ventilation. Chest, 1990, 97, 52-57.	0.8	261
6	Intermittent Positive Pressure Ventilation via the Mouth as an Alternative to Tracheostomy for 257 Ventilator Users. Chest, 1993, 103, 174-182.	0.8	258
7	Duchenne Muscular Dystrophy. American Journal of Physical Medicine and Rehabilitation, 2002, 81, 411-415.	1.4	239
8	Update And Perspective on Noninvasive Respiratory Muscle Aids. Chest, 1994, 105, 1538-1544.	0.8	221
9	Maximum Insufflation Capacity. Chest, 2000, 118, 61-65.	0.8	215
10	Spinal muscular atrophy type 1: Management and outcomes. Pediatric Pulmonology, 2002, 34, 16-22.	2.0	205
11	Mechanical Ventilation Beyond the Intensive Care Unit. Chest, 1998, 113, 289S-344S.	0.8	204
12	Spinal Muscular Atrophy Type 1. Chest, 2000, 117, 1100-1105.	0.8	196
13	A Comparison of Long-term Ventilatory Support Alternatives From the Perspective of the Patient and Care Giver. Chest, 1993, 104, 1702-1706.	0.8	193
14	Duchenne Muscular Dystrophy: Continuous Noninvasive Ventilatory Support Prolongs Survival. Respiratory Care, 2011, 56, 744-750.	1.6	190
15	Maximum Insufflation Capacity. American Journal of Physical Medicine and Rehabilitation, 2000, 79, 222-227.	1.4	173
16	Noninvasive Options for Ventilatory Support of the Traumatic High Level Quadriplegic Patient. Chest, 1990, 98, 613-619.	0.8	170
17	NEUROMUSCULAR VENTILATORY INSUFFICIENCY Effect of Home Mechanical Ventilator Use v Oxygen Therapy on Pneumonia and Hospitalization Rates. American Journal of Physical Medicine and Rehabilitation, 1998, 77, 8-19.	1.4	167
18	Intermittent Positive Pressure Ventilation via Nasal Access in the Management of Respiratory Insufficiency. Chest, 1987, 92, 168-170.	0.8	155

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19	LIFE SATISFACTION OF INDIVIDUALS WITH DUCHENNE MUSCULAR DYSTROPHY USING LONG-TERM MECHANICAL VENTILATORY SUPPORT. American Journal of Physical Medicine and Rehabilitation, 1991, 70, 129-135.	1.4	152
20	Life satisfaction and well-being measures in ventilator assisted individuals with traumatic tetraplegia. Archives of Physical Medicine and Rehabilitation, 1994, 75, 626-632.	0.9	151
21	The respiratory management of patients with duchenne muscular dystrophy: A DMD care considerations working group specialty article. Pediatric Pulmonology, 2010, 45, 739-748.	2.0	136
22	Mouth Intermittent Positive Pressure Ventilation in the Management of Postpolio Respiratory Insufficiency. Chest, 1987, 91, 859-864.	0.8	133
23	The Ventilator-Assisted Individual. Chest, 1992, 101, 26-30.	0.8	133
24	Management of end stage respiratory failure in duchenne muscular dystrophy. Muscle and Nerve, 1987, 10, 177-182.	2.2	122
25	Sleep Fragmentation in Kyphoscoliotic Individuals With Alveolar Hypoventilation Treated by NIPPV. Chest, 1995, 107, 1552-1558.	0.8	121
26	Update and Perspectives on Noninvasive Respiratory Muscle Aids. Chest, 1994, 105, 1230-1240.	0.8	120
27	Efficacy of Mechanical Insufflation-Exsufflation in Extubating Unweanable Subjects With Restrictive Pulmonary Disorders. Respiratory Care, 2015, 60, 477-483.	1.6	99
28	Changing Trends in the Management of End-Stage Neuromuscular Respiratory Muscle Failure. American Journal of Physical Medicine and Rehabilitation, 2013, 92, 267-277.	1.4	97
29	Lung Inflation by Glossopharyngeal Breathing and "Air Stacking" in Duchenne Muscular Dystrophy. American Journal of Physical Medicine and Rehabilitation, 2007, 86, 295-300.	1.4	93
30	Intermittent Abdominal Pressure Ventilator in a Regimen of Noninvasive Ventilatory Support*. Chest, 1991, 99, 630-636.	0.8	91
31	Communication Status and Survival with Ventilatory Support. American Journal of Physical Medicine and Rehabilitation, 1993, 72, 343-349.	1.4	91
32	Tracheostomy Ventilation. Chest, 1990, 97, 679-683.	0.8	88
33	Spinal Muscular Atrophy Type 1 Quality of Life. American Journal of Physical Medicine and Rehabilitation, 2003, 82, 137-142.	1.4	85
34	Noninvasive management of pediatric neuromuscular ventilatory failure. Critical Care Medicine, 1998, 26, 2061-2065.	0.9	81
35	Prevention of Pectus Excavatum for Children with Spinal Muscular Atrophy Type 1. American Journal of Physical Medicine and Rehabilitation, 2003, 82, 815-819.	1.4	80
36	NEW APPROACHES IN THE REHABILITATION OF THE TRAUMATIC HIGH LEVEL QUADRIPLAGIC. American Journal of Physical Medicine and Rehabilitation, 1991, 70, 13-19.	1.4	79

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37	Noninvasive Respiratory Management of Patients With Neuromuscular Disease. <i>Annals of Rehabilitation Medicine</i> , 2017, 41, 519.	1.6	74
38	Pneumothorax Associated with Mechanical Insufflation/Exsufflation and Related Factors. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2008, 87, 951-955.	1.4	73
39	Long-Term Survival in Werdnig-Hoffmann Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2007, 86, 339-345.	1.4	72
40	Disorders of Ventilation. <i>Chest</i> , 2000, 117, 301-303.	0.8	68
41	Obstructive Sleep Apnea Complicating Negative-Pressure Ventilatory Support in Patients with Chronic Paralytic/Restrictive Ventilatory Dysfunction. <i>Chest</i> , 1991, 99, 1386-1393.	0.8	65
42	Noninvasive respiratory management of high level spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2012, 35, 72-80.	1.4	65
43	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.	1.8	56
44	Cytokine storm induced by SARS-CoV-2 infection: The spectrum of its neurological manifestations. <i>Cytokine</i> , 2021, 138, 155404.	3.2	55
45	Management Alternatives for Post-polio Respiratory Insufficiency. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1989, 68, 264-271.	1.4	47
46	A Study of Thyrotropin-Releasing Hormone for the Treatment of Spinal Muscular Atrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2000, 79, 435-440.	1.4	37
47	Expiratory Flow Maneuvers in Patients with Neuromuscular Diseases. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2006, 85, 105-111.	1.4	37
48	Open Gastrostomy for Noninvasive Ventilation Users with Neuromuscular Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010, 89, 1-6.	1.4	36
49	Pulmonary function and sleep disordered breathing in patients with traumatic tetraplegia: A longitudinal study. <i>Archives of Physical Medicine and Rehabilitation</i> , 1994, 75, 279-284.	0.9	35
50	Active lung volume recruitment to preserve vital capacity in Duchenne muscular dystrophy. <i>Journal of Rehabilitation Medicine</i> , 2017, 49, 49-53.	1.1	34
51	Spinal Muscular Atrophy Type 1: Prolongation of Survival by Noninvasive Respiratory Aids. <i>Pediatric Asthma, Allergy and Immunology</i> , 2009, 22, 151-162.	0.2	33
52	Duchenne Muscular Dystrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010, 89, 620-624.	1.4	31
53	Continuous Noninvasive Ventilation for Patients with Neuromuscular Disease and Spinal Cord Injury. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2002, 23, 283-292.	2.1	30
54	Successful Pregnancies for Ventilator Users. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2003, 82, 226-229.	1.4	30

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55	Standards of Care in MDA Clinics. American Journal of Physical Medicine and Rehabilitation, 2000, 79, 193-196.	1.4	29
56	ETHICAL CONSIDERATIONS IN THE MANAGEMENT OF INDIVIDUALS WITH SEVERE NEUROMUSCULAR DISORDERS. American Journal of Physical Medicine and Rehabilitation, 1994, 73, 134-140.	1.4	27
57	POINT: Is Noninvasive Ventilation Always the Most Appropriate Manner of Long-term Ventilation for Infants With Spinal Muscular Atrophy Type 1? Yes, Almost Always. Chest, 2017, 151, 962-965.	0.8	25
58	Posterior Spinal Fusion in Children With Flaccid Neuromuscular Scoliosis. Journal of Pediatric Orthopaedics, 2013, 33, 488-493.	1.2	24
59	Traumatic Tetraplegia. American Journal of Physical Medicine and Rehabilitation, 2002, 81, 792-797.	1.4	21
60	Sleep and Nocturnal Mouthpiece IPPV Efficiency in Postpoliomyelitis Ventilator Users. Chest, 1994, 106, 1705-1710.	0.8	20
61	Daytime noninvasive ventilatory support for patients with ventilatory pump failure: a narrative review. Multidisciplinary Respiratory Medicine, 2019, 14, 38.	1.5	20
62	Vital Capacity in Spinal Muscular Atrophy. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 487-493.	1.4	19
63	Respiratory muscle aids to avert respiratory failure and tracheostomy: a new patient management paradigm. Journal of Neurorestoratology, 0, , 25.	2.5	19
64	Electrophrenic Ventilation: A Different Perspective. The Journal of the American Paraplegia Society, 1991, 14, 9-17.	0.5	17
65	Prevention of Respiratory Complications of Spinal Cord Injury: A Challenge to 'Moder' Spinal Cord Injury Units. Journal of Spinal Cord Medicine, 2006, 29, 3-4.	1.4	17
66	Pulmonary dysfunction and its management in post-polio patients. NeuroRehabilitation, 1997, 8, 139-153.	1.3	14
67	Use of Noninvasive Ventilation During Feeding Tube Placement. Respiratory Care, 2017, 62, 1474-1484.	1.6	14
68	Normalization of blood carbon dioxide levels by transition from conventional ventilatory support to noninvasive inspiratory aids. Archives of Physical Medicine and Rehabilitation, 1994, 75, 1145-1150.	0.9	13
69	Electrophrenic pacing and decannulation for high-level spinal cord injury: A case series. Journal of Spinal Cord Medicine, 2012, 35, 170-174.	1.4	13
70	Mechanical Insufflationâ€“Exsufflation Improves Outcomes for Neuromuscular Disease Patients with Respiratory Tract Infections. American Journal of Physical Medicine and Rehabilitation, 2005, 84, 89-91.	1.4	12
71	Cuff Deflation. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 719-723.	1.4	12
72	Noninvasive respiratory management and diaphragm and electrophrenic pacing in neuromuscular disease and spinal cord injury. Muscle and Nerve, 2013, 47, 297-305.	2.2	11

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73	Mechanical In-exsufflation-Expiratory Flows as Indication for Tracheostomy Tube Decannulation. American Journal of Physical Medicine and Rehabilitation, 2019, 98, e18-e20.	1.4	11
74	Association of Need for Tracheotomy With Decreasing Mechanical In-Exsufflation Flows in Amyotrophic Lateral Sclerosis. American Journal of Physical Medicine and Rehabilitation, 2018, 97, e20-e22.	1.4	10
75	Continuous noninvasive ventilatory support outcomes for patients with neuromuscular disease: a multicenter data collaboration. Pulmonology, 2021, 27, 509-517.	2.1	10
76	Noninvasive ventilatory support to reverse weight loss in Duchenne muscular dystrophy: A case series. Pulmonology, 2019, 25, 79-82.	2.1	9
77	Efficacy of new intermittent abdominal pressure ventilator for post-ischemic cervical myelopathy ventilatory insufficiency. Multidisciplinary Respiratory Medicine, 2019, 14, 4.	1.5	9
78	The Intermittent Abdominal Pressure Ventilator as an alternative modality of noninvasive ventilatory support. American Journal of Physical Medicine and Rehabilitation, 2021, Publish Ahead of Print, .	1.4	9
79	Clinical Case of the Month: A review of the respiratory management of a patient with high level tetraplegia. Spinal Cord, 1997, 35, 805-808.	1.9	8
80	Conventional Respiratory Management of Spinal Cord Injury. Physical Medicine and Rehabilitation Clinics of North America, 2020, 31, 379-395.	1.3	8
81	Daytime non-invasive ventilatory support via intermittent abdominal pressure for a patient with Pompe disease. Pulmonology, 2021, 27, 182-184.	2.1	8
82	Quantitation of oxygen-induced hypercapnia in respiratory pump failure. Revista Portuguesa De Pneumologia, 2016, 22, 262-265.	0.7	7
83	Respiratory Complications of Pediatric Neuromuscular Diseases. Pediatric Clinics of North America, 2021, 68, 177-191.	1.8	7
84	Avoiding Respiratory Failure in Neuromuscular Disease. American Journal of Physical Medicine and Rehabilitation, 2007, 86, 222-224.	1.4	6
85	A Ventilator Requirement Index. American Journal of Physical Medicine and Rehabilitation, 2008, 87, 285-291.	1.4	6
86	Physical Medicine Interventions to Avoid Acute Respiratory Failure and Invasive Airway Tubes. PM and R, 2015, 7, 871-877.	1.6	6
87	Limitations of evidence-based medicine. Revista Portuguesa De Pneumologia, 2016, 22, 4-5.	0.7	6
88	The Duchenne de Boulogne--Meryon Controversy and Pseudohypertrophic Muscular Dystrophy. Journal of the History of Medicine and Allied Sciences, 2000, 55, 158-178.	0.8	5
89	Continuous Critical Care and Long-Term Noninvasive Ventilatory Support for Patients With Neuromuscular Disease. Chest, 2009, 135, 246-247.	0.8	5
90	Noninvasive respiratory management for patients with spinal cord injury and neuromuscular disease. Tanaffos, 2012, 11, 7-11.	0.5	5

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91	An Alternative View on Medical Care Delivery. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 1095-1099.	1.4	4
92	Treatment of Idiopathic Diaphragm Flutter. Chest, 2017, 151, e69-e71.	0.8	4
93	Noninvasive Positive Pressure Ventilatory Support Begins During Sleep. Sleep Medicine Clinics, 2017, 12, 607-615.	2.6	3
94	A Mechanical Intermittent Abdominal Pressure Ventilator. American Journal of Physical Medicine and Rehabilitation, 2019, 98, e144-e146.	1.4	3
95	Complete Restoration of Respiratory Muscle Function in Three Subjects With Spinal Cord Injury?. American Journal of Physical Medicine and Rehabilitation, 2020, 99, e90-e90.	1.4	3
96	Noninvasive Respiratory Management of Spinal Cord Injury. Physical Medicine and Rehabilitation Clinics of North America, 2020, 31, 397-413.	1.3	3
97	Massive Reflux and Aspiration After Radiographically Inserted Gastrostomy Tube Placement. American Journal of Physical Medicine and Rehabilitation, 2015, 94, e6-e9.	1.4	2
98	A Short History of Medical Expert Guidelines and How They Pertain to Tracheostomy Tubes and Physical Medicine and Rehabilitation. American Journal of Physical Medicine and Rehabilitation, 2019, 98, 622-626.	1.4	2
99	Noninvasive ventilatory support in morbid obesity. Pulmonology, 2021, 27, 386-393.	2.1	2
100	Glucocorticoid-Associated Demise of a Patient With Duchenne Muscular Dystrophy. American Journal of Physical Medicine and Rehabilitation, 2020, 99, e146-e148.	1.4	2
101	Palliative care becomes 'uninformed euthanasia' when patients are not offered noninvasive life preserving options. Journal of Palliative Care, 2007, 23, 181-4.	1.0	2
102	Noninvasive ventilation and end of life in motor neuron disease. Palliative Medicine, 2013, 27, 877-877.	3.1	1
103	Speech and Mechanical Ventilation. Chest, 2013, 144, 1739-1740.	0.8	1
104	Cardiopulmonary Resuscitation Interface Adapted for Postextubation Continuous Noninvasive Ventilatory Support. American Journal of Physical Medicine and Rehabilitation, 2015, 94, e80-e83.	1.4	1
105	Misconceptions in the assessment of cough peak flow measurements for extubation or decanulation protocols. Revista Portuguesa De Pneumologia, 2015, 21, 285-286.	0.7	1
106	Continuous noninvasive ventilatory support as an alternative to invasive TMV. Muscle and Nerve, 2016, 53, 660-660.	2.2	1
107	Evidence-Based Medicine Analysis of Mechanical Insufflation-Exsufflation Devices. Respiratory Care, 2017, 62, 643.1-643.	1.6	1
108	Noninvasive Respiratory Care Received by Individuals With Duchenne Muscular Dystrophy Since 1979. Respiratory Care, 2017, 62, 1120-1121.	1.6	1

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109	Is there value in using randomized placebo controlled trials in neuromuscular disease?. Expert Review of Neurotherapeutics, 2021, 21, 5-7.	2.8	1
110	Proposed Decannulation Criteria for COVID-19 Patients. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 730-732.	1.4	1
111	Amyotrophic Lateral Sclerosis and Noninvasive Positive Pressure Ventilatory Support. American Journal of Physical Medicine and Rehabilitation, 2022, 101, 400-404.	1.4	1
112	Rebuttal From Dr Bach. Chest, 2017, 151, 968-969.	0.8	0
113	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. Respiratory Medicine, 2018, 145, 239-240.	2.9	0
114	Is "Noninvasive Ventilation" the Way to Prevent Respiratory Failure in Amyotrophic Lateral Sclerosis?. Chest, 2019, 156, 189.	0.8	0
115	Respiratory Management of Neuromuscular Disorders. , 2020, , 868-875.		0
116	Mechanical Insufflation Exsufflation, Syringomyelia, and Headache. American Journal of Physical Medicine and Rehabilitation, 2021, 100, e129-e130.	1.4	0
117	Decanulación en Paciente Pediátrica con Enfermedad Neuromuscular: un reporte de caso. Medicina Clínica Y Social, 2021, 5, 106-110.	0.1	0
118	Oxyhemoglobin desaturation as a function of age and hypercapnia from ventilatory pump failure (VPF). Journal of Neurorestoratology, 2020, 8, 114-121.	2.5	0