

# Neil R Macintyre

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

6,868  
citations

172457

29  
h-index

60623

81  
g-index

103  
all docs

103  
docs citations

103  
times ranked

6472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusing Capacity of the Lungs for Carbon Monoxide Test. JAMA - Journal of the American Medical Association, 2022, 327, 480.	7.4	0
2	Cost-effectiveness of Pulmonary Rehabilitation Among US Adults With Chronic Obstructive Pulmonary Disease. JAMA Network Open, 2022, 5, e2218189.	5.9	18
3	Fifty Years of Mechanical Ventilation—1970s to 2020. Critical Care Medicine, 2021, 49, 558-574.	0.9	12
4	Impact of a Formal Research Committee on Respiratory Therapists' Publications. Respiratory Care, 2021, 66, 1229-1233.	1.6	2
5	Haemoglobin as a biomarker for clinical outcomes in chronic obstructive pulmonary disease. ERJ Open Research, 2021, 7, 00068-2021.	2.6	6
6	Application of Machine Learning in Pulmonary Function Assessment Where Are We Now and Where Are We Going?. Frontiers in Physiology, 2021, 12, 678540.	2.8	10
7	Evaluation of a novel endotracheal tube suctioning system incorporating an inflatable sweeper. Canadian Journal of Respiratory Therapy, 2021, 57, 138-142.	0.8	0
8	Accurately Diagnosing COPD: A Clinical Challenge With Important Consequences. Respiratory Care, 2021, 66, 173-174.	1.6	0
9	Managing Patient-Ventilator Dyssynchrony*. Critical Care Medicine, 2021, 49, 2149-2151.	0.9	1
10	Imaging ventilation using 19F perfluorinated gas magnetic resonance imaging: strategies for imaging collateral ventilation. Journal of Lung, Pulmonary & Respiratory Research, 2021, 8, 41-45.	0.3	1
11	Restoring Pulmonary and Sleep Services as the COVID-19 Pandemic Lessens. From an Association of Pulmonary, Critical Care, and Sleep Division Directors and American Thoracic Society's coordinated Task Force. Annals of the American Thoracic Society, 2020, 17, 1343-1351.	3.2	47
12	Cut to the Chase. Chest, 2020, 158, 435-436.	0.8	0
13	Serum IgG Levels and Risk of COPD Hospitalization. Chest, 2020, 158, 1420-1430.	0.8	22
14	Unanticipated Respiratory Compromise and Unplanned Intubations on General Medical and Surgical Floors. Respiratory Care, 2020, 65, 1233-1240.	1.6	7
15	Toward Reducing COPD Hospitalization. Respiratory Care, 2020, 65, 127-128.	1.6	2
16	Hypercapnia in Advanced Chronic Obstructive Pulmonary Disease: A Secondary Analysis of the National Emphysema Treatment Trial. Chronic Obstructive Pulmonary Diseases (Miami, Fla ), 2020, 7, 336-345.	0.7	2
17	Low Tidal Volumes for Everyone?. Chest, 2019, 156, 783-791.	0.8	24
18	Diffusing Capacity of Carbon Monoxide in Assessment of COPD. Chest, 2019, 156, 1111-1119.	0.8	58

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19	Physiologic Effects of Noninvasive Ventilation. <i>Respiratory Care</i> , 2019, 64, 617-628.	1.6	64
20	Relationship between diffusion capacity and small airway abnormality in COPD. <i>Respiratory Research</i> , 2019, 20, 269.	3.6	26
21	Ventilator Management Guided by Driving Pressure. <i>Critical Care Medicine</i> , 2018, 46, 338-339.	0.9	4
22	Airway Pressure Release Ventilation Letter Reply. <i>Respiratory Care</i> , 2018, 63, 128-129.	1.6	0
23	Titrating Oxygen Requirements During Exercise. <i>Chest</i> , 2018, 153, 922-928.	0.8	7
24	Airway pressure release ventilation: a step forward?. <i>Intensive Care Medicine</i> , 2018, 44, 272-272.	8.2	2
25	Rebuttal From Dr MacIntyre. <i>Chest</i> , 2018, 154, 485-486.	0.8	0
26	COUNTERPOINT: Should Computerized Protocols Replace Physicians for Managing Mechanical Ventilation? No. <i>Chest</i> , 2018, 154, 481-484.	0.8	1
27	Initial Ventilator Settings in the Emergency Department. <i>Annals of Emergency Medicine</i> , 2017, 69, 266-267.	0.6	3
28	Clinical Management Strategies for Airway Pressure Release Ventilation: A Survey of Clinical Practice. <i>Respiratory Care</i> , 2017, 62, 1264-1268.	1.6	17
29	Another Look at Outcomes from Mechanical Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 710-711.	5.6	3
30	2017 ERS/ATS standards for single-breath carbon monoxide uptake in the lung. <i>European Respiratory Journal</i> , 2017, 49, 1600016.	6.7	543
31	Executive Summary: 2017 ERS/ATS standards for single-breath carbon monoxide uptake in the lung. <i>European Respiratory Journal</i> , 2017, 49, 16E0016.	6.7	45
32	<i>D</i> <sub>LCO</sub> : adjust for lung volume, standardised reporting and interpretation. <i>European Respiratory Journal</i> , 2017, 50, 1701144.	6.7	12
33	Recommendations for a Standardized Pulmonary Function Report. An Official American Thoracic Society Technical Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1463-1472.	5.6	450
34	Humidified High-Flow Nasal Cannula Oxygen—More Than Just Supplemental Oxygen*. <i>Critical Care Medicine</i> , 2017, 45, 2103-2104.	0.9	1
35	Oxygen. <i>Critical Care Medicine</i> , 2016, 44, 641.	0.9	1
36	Lung Protective Ventilator Strategies. <i>Critical Care Medicine</i> , 2016, 44, 244-245.	0.9	7

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37	Measuring Clinical Performance. <i>Critical Care Medicine</i> , 2016, 44, 1230.	0.9	0
38	Spontaneous Breathing During Mechanical Ventilation: A Two-Edged Sword*. <i>Critical Care Medicine</i> , 2016, 44, 1625-1626.	0.9	1
39	Should High-Frequency Ventilation in the Adult Be Abandoned?. <i>Respiratory Care</i> , 2016, 61, 791-800.	1.6	16
40	Design Features of Modern Mechanical Ventilators. <i>Clinics in Chest Medicine</i> , 2016, 37, 607-613.	2.1	13
41	Evolving Concepts in Mechanical Ventilation. <i>Clinics in Chest Medicine</i> , 2016, 37, xiii.	2.1	0
42	Should Early Mobilization Be Routine in Mechanically Ventilated Patients?. <i>Respiratory Care</i> , 2016, 61, 867-875.	1.6	12
43	Take a Deep Breath or Not*. <i>Critical Care Medicine</i> , 2015, 43, 2021-2022.	0.9	0
44	Analysis of Radial Artery Catheter Placement by Respiratory Therapists Using Ultrasound Guidance. <i>Respiratory Care</i> , 2014, 59, 1813-1816.	1.6	15
45	Tissue Hypoxia: Implications for the Respiratory Clinician. <i>Respiratory Care</i> , 2014, 59, 1590-1596.	1.6	76
46	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. <i>Chest</i> , 2014, 146, 941-950.	0.8	71
47	Patient-Ventilator Interactions. Implications for Clinical Management. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1058-1068.	5.6	120
48	The Ventilator Discontinuation Process: An Expanding Evidence Base Discussion. <i>Respiratory Care</i> , 2013, 58, 1074-1086.	1.6	31
49	Supporting Oxygenation in Acute Respiratory Failure. <i>Respiratory Care</i> , 2013, 58, 142-150.	1.6	29
50	Perfluoropropane Gas as a Magnetic Resonance Lung Imaging Contrast Agent in Humans. <i>Chest</i> , 2013, 144, 1300-1310.	0.8	76
51	Evidence-Based Assessments in the Ventilator Discontinuation Process. <i>Respiratory Care</i> , 2012, 57, 1611-1618.	1.6	59
52	Chronic Critical Illness: The Growing Challenge to Health Care. <i>Respiratory Care</i> , 2012, 57, 1021-1027.	1.6	58
53	The Future of Pulmonary Function Testing. <i>Respiratory Care</i> , 2012, 57, 154-164.	1.6	13
54	Point: Should Positive End-Expiratory Pressure in Patients With ARDS Be Set on Oxygenation? Yes. <i>Chest</i> , 2012, 141, 1379-1382.	0.8	7

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55	Respiratory Care Year in Review 2011: Long-Term Oxygen Therapy, Pulmonary Rehabilitation, Airway Management, Acute Lung Injury, Education, and Management. <i>Respiratory Care</i> , 2012, 57, 590-606.	1.6	6
56	Respiratory Care Year in Review 2010: Part 2. Invasive Mechanical Ventilation, Noninvasive Ventilation, Pediatric Mechanical Ventilation, Aerosol Therapy. <i>Respiratory Care</i> , 2011, 56, 667-680.	1.6	13
57	Patient-Ventilator Interactions: Optimizing Conventional Ventilation Modes. <i>Respiratory Care</i> , 2011, 56, 73-84.	1.6	30
58	Ventilator Discontinuation: Why Are We Still Weaning?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 392-394.	5.6	26
59	Counterpoint: Is Pressure Assist-Control Preferred Over Volume Assist-Control Mode for Lung Protective Ventilation in Patients With ARDS? No. <i>Chest</i> , 2011, 140, 290-292.	0.8	16
60	Principles of Mechanical Ventilation. , 2010, , 2084-2103.		3
61	Respiratory care controversies II. <i>Respiratory Care</i> , 2010, 55, 34.	1.6	0
62	Is there a role for screening spirometry?. <i>Respiratory Care</i> , 2010, 55, 35-42.	1.6	7
63	Are there benefits or harm from pressure targeting during lung-protective ventilation?. <i>Respiratory Care</i> , 2010, 55, 175-80; discussion 180-3.	1.6	6
64	Spirometry for the diagnosis and management of chronic obstructive pulmonary disease. <i>Respiratory Care</i> , 2009, 54, 1050-7.	1.6	8
65	Is There a Best Way to Set Tidal Volume for Mechanical Ventilatory Support?. <i>Clinics in Chest Medicine</i> , 2008, 29, 225-231.	2.1	9
66	Is There a Best Way to Set Positive Expiratory-End Pressure for Mechanical Ventilatory Support in Acute Lung Injury?. <i>Clinics in Chest Medicine</i> , 2008, 29, 233-239.	2.1	11
67	Acute Exacerbations and Respiratory Failure in Chronic Obstructive Pulmonary Disease. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 530-535.	3.5	113
68	Ventilator Advisory System Employing Load and Tolerance Strategy Recommends Appropriate Pressure Support Ventilation Settings. <i>Chest</i> , 2008, 133, 697-703.	0.8	12
69	Ventilator discontinuation process: Evidence and guidelines*. <i>Critical Care Medicine</i> , 2008, 36, 329-330.	0.9	11
70	The 23rd annual New Horizons Symposium. Pulmonary rehabilitation: the expanding evidence base. Foreword. <i>Respiratory Care</i> , 2008, 53, 1176.	1.6	0
71	Mechanisms of functional loss in patients with chronic lung disease. <i>Respiratory Care</i> , 2008, 53, 1177-84.	1.6	28
72	Discontinuing Mechanical Ventilatory Support. <i>Chest</i> , 2007, 132, 1049-1056.	0.8	111

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73	Patient-ventilator synchrony during pressure-targeted versus flow-targeted small tidal volume assisted ventilation. <i>Journal of Critical Care</i> , 2007, 22, 252-257.	2.2	34
74	Respiratory therapies in the critical care setting. Should aerosolized antibiotics be administered to prevent or treat ventilator-associated pneumonia in patients who do not have cystic fibrosis?. <i>Respiratory Care</i> , 2007, 52, 416-21; discussion 421-2.	1.6	6
75	Respiratory controversies in the critical care setting. Does airway pressure release ventilation offer important new advantages in mechanical ventilator support?. <i>Respiratory Care</i> , 2007, 52, 452-8; discussion 458-60.	1.6	32
76	Discontinuing Mechanical Ventilatory Support. <i>Chest</i> , 2006, 130, 1635-1636.	0.8	7
77	Ventilatory Management of ALI/ARDS. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2006, 27, 396-403.	2.1	6
78	Corticosteroid therapy and chronic obstructive pulmonary disease. <i>Respiratory Care</i> , 2006, 51, 289-96.	1.6	5
79	Muscle dysfunction associated with chronic obstructive pulmonary disease. <i>Respiratory Care</i> , 2006, 51, 840-7; discussion 848-52.	1.6	24
80	Current Issues in Mechanical Ventilation for Respiratory Failure. <i>Chest</i> , 2005, 128, 561S-567S.	0.8	43
81	Management of Patients Requiring Prolonged Mechanical Ventilation. <i>Chest</i> , 2005, 128, 3937-3954.	0.8	432
82	Respiratory mechanics in the patient who is weaning from the ventilator. <i>Respiratory Care</i> , 2005, 50, 275-86; discussion 284-6.	1.6	20
83	Ventilator-associated pneumonia: the role of ventilator management strategies. <i>Respiratory Care</i> , 2005, 50, 766-72; discussion 772-3.	1.6	11
84	The 'best' tidal volume for managing acute lung injury/acute respiratory distress syndrome. <i>Respiratory Care Clinics of North America</i> , 2004, 10, 309-315.	0.5	1
85	Higher versus Lower Positive End-Expiratory Pressures in Patients with the Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2004, 351, 327-336.	27.0	2,302
86	Setting the positive expiratory-end pressure?F in acute lung injury/acute respiratory distress syndrome. <i>Respiratory Care Clinics of North America</i> , 2004, 10, 301-308.	0.5	1
87	Chronic obstructive pulmonary disease: emerging medical therapies. <i>Respiratory Care</i> , 2004, 49, 64-9; discussion 69-71.	1.6	4
88	Respiratory system simulations and modeling. <i>Respiratory Care</i> , 2004, 49, 401-8; discussion 408-9.	1.6	6
89	Evidence-based ventilator weaning and discontinuation. <i>Respiratory Care</i> , 2004, 49, 830-6.	1.6	48
90	Pulmonary function testing: coding and billing issues. <i>Respiratory Care</i> , 2003, 48, 786-90.	1.6	2

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91	Setting the frequency-tidal volume pattern. <i>Respiratory Care</i> , 2002, 47, 266-74; discussion 274-8.	1.6	7
92	Aerosol delivery through an artificial airway. <i>Respiratory Care</i> , 2002, 47, 1279-88; discussion 1285-9.	1.6	9
93	Evidence-Based Guidelines for Weaning and Discontinuing Ventilatory Support. <i>Chest</i> , 2001, 120, 375S-395S.	0.8	1,080
94	Applied PEEP During Pressure Support Reduces the Inspiratory Threshold Load of Intrinsic PEEP. <i>Chest</i> , 1997, 111, 188-193.	0.8	90
95	Patient-ventilator flow dyssynchrony. <i>Critical Care Medicine</i> , 1997, 25, 1671-1677.	0.9	92
96	Patient and Ventilator Work of Breathing and Ventilatory Muscle Loads at Different Levels of Pressure Support Ventilation. <i>Chest</i> , 1991, 100, 531-533.	0.8	60
97	Effects of Initial Flow Rate and Breath Termination Criteria on Pressure Support Ventilation. <i>Chest</i> , 1991, 99, 134-138.	0.8	98
98	Mechanical Loads on the Ventilatory Muscles: A Theoretical Analysis. <i>The American Review of Respiratory Disease</i> , 1989, 139, 968-973.	2.9	39