

# Brian K Walsh,, Rrt

## List of Publications by Year in descending order

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43  
papers

1,327  
citations

430874

18  
h-index

345221

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docs citations

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times ranked

1474  
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#	ARTICLE	IF	CITATIONS
1	2020 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19: From the Emergency Cardiovascular Care Committee and Get With The Guidelines-Resuscitation Adult and Pediatric Task Forces of the American Heart Association in Collaboration With the American Academy of Pediatrics, American Association for Respiratory Care, the Society of Critical Care Anesthesiologists, and American Society of Anesthesiologists. Critical Care Medicine, 2020, 49, e1000-e1009.	2.2	16
2	2021 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e008396.	2.2	21
3	Adding Continuous Vital Sign Information to Static Clinical Data Improves the Prediction of Length of Stay After Intubation: A Data-Driven Machine Learning Approach. Respiratory Care, 2020, 65, 1367-1377.	1.6	16
4	Equilibration Time Required for Respiratory System Compliance and Oxygenation Response Following Changes in Positive End-Expiratory Pressure in Mechanically Ventilated Children. Critical Care Medicine, 2018, 46, e375-e379.	0.9	7
5	A Comparative Analysis of Ideal Body Weight Methods for Pediatric Mechanical Ventilation. Respiratory Care, 2018, 63, 1079-1084.	1.6	9
6	Accuracy of Oxygen Consumption and Carbon Dioxide Elimination Measurements in 2 Breath-by-Breath Devices. Respiratory Care, 2017, 62, 475-480.	1.6	4
7	The Quality of Quality Metrics—Reply. Respiratory Care, 2017, 62, 254-255.	1.6	0
8	Daily Goals Formulation and Enhanced Visualization of Mechanical Ventilation Variance Improves Mechanical Ventilation Score. Respiratory Care, 2017, 62, 268-278.	1.6	8
9	The Respiratory Therapy Profession Is at a Crossroads. Respiratory Care, 2017, 62, 384-386.	1.6	8
10	Noninvasive Monitoring of Oxygen and Ventilation. Respiratory Care, 2017, 62, 751-764.	1.6	18
11	Pediatric Oxygen Therapy: A Review and Update. Respiratory Care, 2017, 62, 645-661.	1.6	42
12	Phosphodiesterase Inhibitor-Based Vasodilation Improves Oxygen Delivery and Clinical Outcomes Following Stage 1 Palliation. Journal of the American Heart Association, 2016, 5, .	3.7	21
13	Is Anything Absolute?. Respiratory Care, 2016, 61, 1711-1711.	1.6	0
14	Electrical Impedance Tomography During Mechanical Ventilation. Respiratory Care, 2016, 61, 1417-1424.	1.6	33
15	Noninvasive Cardiac Output Estimation by Inert Gas Rebreathing in Mechanically Ventilated Pediatric Patients. Journal of Pediatrics, 2016, 177, 184-190.e3.	1.8	5
16	Next Logical Step. Respiratory Care, 2016, 61, 1277-1278.	1.6	0
17	Categorization in Mechanically Ventilated Pediatric Subjects: A Proposed Method to Improve Quality. Respiratory Care, 2016, 61, 1168-1178.	1.6	8
18	Characterization of Ribavirin Aerosol With Small Particle Aerosol Generator and Vibrating Mesh Micropump Aerosol Technologies. Respiratory Care, 2016, 61, 577-585.	1.6	15

#	ARTICLE	IF	CITATIONS
19	High-Frequency Oscillatory Ventilation in Pediatric Acute Lung Injury. <i>Critical Care Medicine</i> , 2015, 43, 2660-2667.	0.9	35
20	Implementation of an Inhaled Nitric Oxide Protocol: A Paradox or the Perfect Pair?. <i>Respiratory Care</i> , 2015, 60, 760-761.	1.6	2
21	Carbon Dioxide Elimination and Oxygen Consumption in Mechanically Ventilated Children. <i>Respiratory Care</i> , 2015, 60, 718-723.	1.6	10
22	The effects of lung recruitment maneuvers on exhaled breath condensate pH. <i>Journal of Breath Research</i> , 2015, 9, 036009.	3.0	9
23	Management of difficult airway patients and the use of a difficult airway registry at a tertiary care pediatric hospital. <i>Paediatric Anaesthesia</i> , 2014, 24, 819-824.	1.1	93
24	Time outside targeted oxygen saturation range and retinopathy of prematurity. <i>Early Human Development</i> , 2014, 90, S35-S40.	1.8	10
25	Comparison of 2 Lung Recruitment Strategies in Children With Acute Lung Injury. <i>Respiratory Care</i> , 2013, 58, 1280-1290.	1.6	23
26	AARC Clinical Practice Guideline. Surfactant Replacement Therapy: 2013. <i>Respiratory Care</i> , 2013, 58, 367-375.	1.6	38
27	AARC Clinical Practice Guideline: Blood Gas Analysis and Hemoximetry: 2013. <i>Respiratory Care</i> , 2013, 58, 1694-1703.	1.6	101
28	Safety of an Alkalinizing Buffer Designed for Inhaled Medications in Humans. <i>Respiratory Care</i> , 2013, 58, 1226-1232.	1.6	15
29	Reversal of dependent lung collapse predicts response to lung recruitment in children with early acute lung injury. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 509-515.	0.5	37
30	Inhaled Anesthetic for Life-Threatening Bronchospasm: Is It Ready for Prime Time?. <i>Respiratory Care</i> , 2012, 57, 1982-1983.	1.6	2
31	Humidification During Invasive and Noninvasive Mechanical Ventilation: 2012. <i>Respiratory Care</i> , 2012, 57, 782-788.	1.6	206
32	Oxygen Gas-filled Microparticles Provide Intravenous Oxygen Delivery. <i>Science Translational Medicine</i> , 2012, 4, 140ra88.	12.4	95
33	A spontaneous breathing trial with pressure support overestimates readiness for extubation in children. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e330-e335.	0.5	48
34	Electrical activity of the diaphragm during extubation readiness testing in critically ill children. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e220-e224.	0.5	39
35	Non-invasive cardiac output and oxygen delivery measurement in an infant with critical anemia. <i>Journal of Clinical Monitoring and Computing</i> , 2011, 25, 113-119.	1.6	8
36	Pediatric Airway Maintenance and Clearance in the Acute Care Setting: How To Stay Out of Trouble. <i>Respiratory Care</i> , 2011, 56, 1424-1444.	1.6	44

#	ARTICLE	IF	CITATIONS
37	Electrocardiographic Guidance for the Placement of Gastric Feeding Tubes: A Pediatric Case Series. <i>Respiratory Care</i> , 2011, 56, 467-471.	1.6	9
38	Capnography/Capnometry During Mechanical Ventilation: 2011. <i>Respiratory Care</i> , 2011, 56, 503-509.	1.6	90
39	Orienting New Respiratory Therapists Into the Neonatal/Pediatric Environment: A Survey of Educators and Managers. <i>Respiratory Care</i> , 2011, 56, 1122-1129.	1.6	8
40	Respiratory distress associated with inadequate mechanical ventilator flow response in a neonate with congenital diaphragmatic hernia. <i>Respiratory Care</i> , 2010, 55, 342-5.	1.6	2
41	Oxygen therapy in the neonatal care environment. <i>Respiratory Care</i> , 2009, 54, 1193-202.	1.6	19
42	Identification of acid reflux cough using serial assays of exhaled breath condensate pH. <i>Cough</i> , 2006, 2, 3.	2.7	49
43	Inhaled prostacyclin for the treatment of pulmonary hypertension after cardiac surgery. <i>Critical Care Medicine</i> , 2002, 30, 2762-2764.	0.9	104