

Gerrard Francis Rafferty

List of Publications by Year in descending order

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Version: 2024-02-01

162
papers

5,519
citations

76196

40
h-index

110170

64
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163
all docs

163
docs citations

163
times ranked

4415
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound measurement of rectus femoris cross-sectional area and the relationship with quadriceps strength in COPD. <i>Thorax</i> , 2009, 64, 418-423.	2.7	275
2	The value of multiple tests of respiratory muscle strength. <i>Thorax</i> , 2007, 62, 975-980.	2.7	191
3	Symptoms and Quadriceps Fatigability after Walking and Cycling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 562-567.	2.5	183
4	Neural respiratory drive in healthy subjects and in COPD. <i>European Respiratory Journal</i> , 2008, 33, 289-297.	3.1	165
5	Cough Gastric Pressure and Maximum Expiratory Mouth Pressure in Humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 714-717.	2.5	117
6	Non-volitional assessment of skeletal muscle strength in patients with chronic obstructive pulmonary disease. <i>Thorax</i> , 2003, 58, 665-669.	2.7	110
7	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.	5.2	110
8	Neural respiratory drive and breathlessness in COPD. <i>European Respiratory Journal</i> , 2015, 45, 355-364.	3.1	109
9	Effect of Prone and Supine Position on Sleep, Apneas, and Arousal in Preterm Infants. <i>Pediatrics</i> , 2006, 118, 101-107.	1.0	108
10	Neural respiratory drive, pulmonary mechanics and breathlessness in patients with cystic fibrosis. <i>Thorax</i> , 2011, 66, 240-246.	2.7	106
11	Resistance of pediatric and neonatal endotracheal tubes: Influence of flow rate, size, and shape. <i>Critical Care Medicine</i> , 2000, 28, 1595-1598.	0.4	96
12	Respiratory function in singleton and twin pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2002, 109, 765-769.	1.1	95
13	Ultrasound for the Assessment of Peripheral Skeletal Muscle Architecture in Critical Illness. <i>Critical Care Medicine</i> , 2015, 43, 897-905.	0.4	94
14	Effect of salmeterol on respiratory muscle activity during exercise in poorly reversible COPD. <i>Thorax</i> , 2004, 59, 471-476.	2.7	86
15	Respiratory Muscle Strength and Training in Stroke and Neurology: A Systematic Review. <i>International Journal of Stroke</i> , 2013, 8, 124-130.	2.9	84
16	Effect of Posture on Oxygenation, Lung Volume, and Respiratory Mechanics in Premature Infants Studied Before Discharge. <i>Pediatrics</i> , 2003, 112, 29-32.	1.0	80
17	Sleep-disordered breathing in unilateral diaphragm paralysis or severe weakness. <i>European Respiratory Journal</i> , 2008, 32, 1479-1487.	3.1	72
18	Pediatric extubation readiness tests should not use pressure support. <i>Intensive Care Medicine</i> , 2016, 42, 1214-1222.	3.9	70

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19	Pulmonary function abnormalities in children with sickle cell disease. <i>Thorax</i> , 2004, 59, 67-70.	2.7	68
20	Risk Factors for Pediatric Extubation Failure: The Importance of Respiratory Muscle Strength*. <i>Critical Care Medicine</i> , 2017, 45, e798-e805.	0.4	67
21	Pulmonary Function at Follow-up of Very Preterm Infants from the United Kingdom Oscillation Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 868-872.	2.5	62
22	Neural respiratory drive predicts clinical deterioration and safe discharge in exacerbations of COPD. <i>Thorax</i> , 2015, 70, 1123-1130.	2.7	60
23	Influence of acute lung volume change on contractile properties of human diaphragm. <i>Journal of Applied Physiology</i> , 1998, 85, 1322-1328.	1.2	59
24	Temporal relationship of asthma to acute chest syndrome in sickle cell disease. <i>Pediatric Pulmonology</i> , 2007, 42, 103-106.	1.0	59
25	Lung function prior to viral lower respiratory tract infections in prematurely born infants. <i>Thorax</i> , 2011, 66, 468-473.	2.7	58
26	Does Respiratory Muscle Training Improve Cough Flow in Acute Stroke? Pilot Randomized Controlled Trial. <i>Stroke</i> , 2015, 46, 447-453.	1.0	57
27	Impact of acute chest syndrome on lung function of children with sickle cell disease. <i>Journal of Pediatrics</i> , 2006, 149, 17-22.	0.9	56
28	Continuous Transcutaneous Submental Electrical Stimulation in Obstructive Sleep Apnea. <i>Chest</i> , 2011, 140, 998-1007.	0.4	55
29	Effect of caffeine on respiratory muscle strength and lung function in prematurely born, ventilated infants. <i>European Journal of Pediatrics</i> , 2009, 168, 1491-5.	1.3	54
30	Diminished lung function, RSV infection, and respiratory morbidity in prematurely born infants. <i>Archives of Disease in Childhood</i> , 2005, 91, 26-30.	1.0	52
31	Understanding Heroin Overdose: A Study of the Acute Respiratory Depressant Effects of Injected Pharmaceutical Heroin. <i>PLoS ONE</i> , 2015, 10, e0140995.	1.1	52
32	Tensionâ€‘Time Index as a Predictor of Extubation Outcome in Ventilated Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 982-988.	2.5	51
33	Adductor Pollicis Twitch Tension Assessed by Magnetic Stimulation of the Ulnar Nerve. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 240-245.	2.5	50
34	Lung Function in Prematurely Born Infants After Viral Lower Respiratory Tract Infections. <i>Pediatric Infectious Disease Journal</i> , 2007, 26, 1019-1024.	1.1	50
35	Comparison of predictors of extubation from mechanical ventilation in children. <i>Pediatric Critical Care Medicine</i> , 2000, 1, 28-32.	0.2	48
36	Work of Breathing and Different Levels of Volume-Targeted Ventilation. <i>Pediatrics</i> , 2009, 123, e679-e684.	1.0	48

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37	Higher cough flow is associated with lower risk of pneumonia in acute stroke. <i>Thorax</i> , 2016, 71, 474-475.	2.7	48
38	Work of breathing during SIMV with and without pressure support. <i>Archives of Disease in Childhood</i> , 2009, 94, 434-436.	1.0	45
39	Acid Gastroesophageal Reflux in Convalescent Preterm Infants: Effect of Posture and Relationship to Apnea. <i>Pediatric Research</i> , 2007, 62, 620-623.	1.1	44
40	Neural respiratory drive measured during inspiratory threshold loading and acute hypercapnia in healthy individuals. <i>Experimental Physiology</i> , 2013, 98, 1190-1198.	0.9	44
41	Randomised sham-controlled trial of transcutaneous electrical stimulation in obstructive sleep apnoea. <i>Thorax</i> , 2016, 71, 923-931.	2.7	44
42	ARTP statement on pulmonary function testing 2020. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000575.	1.2	44
43	Predictors of objective cough frequency in pulmonary sarcoidosis. <i>European Respiratory Journal</i> , 2016, 47, 1461-1471.	3.1	43
44	Airway hyperresponsiveness and acute chest syndrome in children with sickle cell anemia. <i>Pediatric Pulmonology</i> , 2007, 42, 272-276.	1.0	42
45	Lung function abnormalities in infants developing bronchopulmonary dysplasia. <i>Archives of Disease in Childhood</i> , 2011, 96, 1014-1019.	1.0	42
46	Very prematurely born infants wheezing at follow-up: lung function and risk factors. <i>Archives of Disease in Childhood</i> , 2007, 92, 776-780.	1.0	41
47	Assessment of respiratory drive and muscle function in the pediatric intensive care unit and prediction of extubation failure. <i>Pediatric Critical Care Medicine</i> , 2000, 1, 124-126.	0.2	40
48	Prediction of bronchopulmonary dysplasia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011, 96, F410-F416.	1.4	40
49	Longitudinal assessment of lung function in children with sickle cell disease. <i>Pediatric Pulmonology</i> , 2016, 51, 717-723.	1.0	40
50	Effect of Hypercapnia on Maximal Voluntary Ventilation and Diaphragm Fatigue in Normal Humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 160, 1567-1571.	2.5	39
51	Sniff nasal inspiratory pressure in children. , 2000, 29, 468-475.		39
52	Quantification of the Esophageal Diaphragm Electromyogram with Magnetic Phrenic Nerve Stimulation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 160, 1629-1634.	2.5	38
53	Airways obstruction and pulmonary capillary blood volume in children with sickle cell disease. <i>Pediatric Pulmonology</i> , 2014, 49, 716-722.	1.0	38
54	Evaluation of the effectiveness of a home-based inspiratory muscle training programme in patients with chronic obstructive pulmonary disease using multiple inspiratory muscle tests. <i>Disability and Rehabilitation</i> , 2016, 38, 250-259.	0.9	38

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55	Assessment of Neonatal Diaphragm Function Using Magnetic Stimulation of the Phrenic Nerves. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 2337-2340.	2.5	37
56	Genetic predisposition of RSV infection-related respiratory morbidity in preterm infants. European Journal of Pediatrics, 2014, 173, 905-912.	1.3	37
57	Reproducibility of twitch and sniff transdiaphragmatic pressures. Respiratory Physiology and Neurobiology, 2002, 132, 301-306.	0.7	36
58	Chorioamnionitis, lung function and bronchopulmonary dysplasia in prematurely born infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2011, 96, F270-F274.	1.4	36
59	Rhinovirus infection and healthcare utilisation in prematurely born infants. European Respiratory Journal, 2013, 42, 1029-1036.	3.1	35
60	Effect of posture on respiratory function and drive in preterm infants prior to discharge. Pediatric Pulmonology, 2003, 36, 295-300.	1.0	32
61	Exhaled carbon monoxide levels in children with sickle cell disease. European Journal of Pediatrics, 2005, 164, 162-165.	1.3	32
62	Sleeping position, oxygen saturation and lung volume in convalescent, prematurely born infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2007, 92, 347-350.	1.4	32
63	A pilot study of respiratory muscle training to improve cough effectiveness and reduce the incidence of pneumonia in acute stroke: study protocol for a randomized controlled trial. Trials, 2014, 15, 123.	0.7	31
64	Maximal airway pressures during crying in healthy preterm and term neonates. Early Human Development, 2000, 57, 149-156.	0.8	29
65	Work of breathing during CPAP and heated humidified high-flow nasal cannula. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F404-F407.	1.4	29
66	An Official American Thoracic Society/European Respiratory Society Workshop Report: Evaluation of Respiratory Mechanics and Function in the Pediatric and Neonatal Intensive Care Units. Annals of the American Thoracic Society, 2016, 13, S1-S11.	1.5	29
67	Paired phrenic nerve stimuli for the detection of diaphragm fatigue in humans. European Respiratory Journal, 1997, 10, 1859-1864.	3.1	28
68	Nasal and lower airway levels of nitric oxide in prematurely born infants. Early Human Development, 2003, 72, 67-73.	0.8	28
69	Lung function of preterm infants before and after viral infections. European Journal of Pediatrics, 2014, 173, 1497-1504.	1.3	28
70	Sound: a non-invasive measure of cough intensity. BMJ Open Respiratory Research, 2017, 4, e000178.	1.2	28
71	Control of the respiratory cycle in conscious humans. Journal of Applied Physiology, 1996, 81, 1744-1753.	1.2	27
72	Postprandial effects on twitch transdiaphragmatic pressure. European Respiratory Journal, 2002, 20, 577-580.	3.1	27

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73	End-tidal Carbon Monoxide Levels in Prematurely Born Infants Developing Bronchopulmonary Dysplasia. <i>Pediatric Research</i> , 2007, 61, 474-478.	1.1	27
74	Measurement of maximal inspiratory pressure in ventilated children. <i>Pediatric Pulmonology</i> , 2008, 43, 1085-1091.	1.0	27
75	Respiratory outcome of prematurely born infants following human rhinovirus A and C infections. <i>European Journal of Pediatrics</i> , 2014, 173, 913-919.	1.3	27
76	Influence of maturation on infant diaphragm function assessed by magnetic stimulation of phrenic nerves. <i>Pediatric Pulmonology</i> , 2003, 35, 17-22.	1.0	26
77	Diaphragmatic Function in Infants with Surgically Corrected Anomalies. <i>Pediatric Research</i> , 2003, 54, 502-508.	1.1	26
78	Chest radiograph thoracic areas and lung volumes in infants developing bronchopulmonary dysplasia. <i>Pediatric Pulmonology</i> , 2009, 44, 80-85.	1.0	26
79	Measurement of parasternal intercostal electromyogram during an infective exacerbation in patients with cystic fibrosis. <i>European Respiratory Journal</i> , 2012, 40, 977-981.	3.1	26
80	Effect of Maturity on Maximal Transdiaphragmatic Pressure in Infants during Crying. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 433-436.	2.5	25
81	Breathlessness and dysfunctional breathing in patients with postural orthostatic tachycardia syndrome (POTS): The impact of a physiotherapy intervention. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 223, 102601.	1.4	25
82	Lung volumes in infants who had mild to moderate bronchopulmonary dysplasia. <i>European Journal of Pediatrics</i> , 2005, 164, 583-586.	1.3	24
83	Accuracy of portable devices in measuring peak cough flow. <i>Physiological Measurement</i> , 2015, 36, 243-257.	1.2	24
84	Measurement of neural respiratory drive via parasternal intercostal electromyography in healthy adult subjects. <i>Physiological Measurement</i> , 2016, 37, 2050-2063.	1.2	24
85	Whistle mouth pressure as test of expiratory muscle strength. <i>European Respiratory Journal</i> , 2001, 17, 688-695.	3.1	23
86	Prediction of extubation outcome in infants using the tension time index. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011, 96, F265-F269.	1.4	23
87	Magnetic phrenic nerve stimulation to assess diaphragm function in children following liver transplantation. <i>Pediatric Critical Care Medicine</i> , 2001, 2, 122-126.	0.2	22
88	Diaphragm electromyograms recorded from multiple surface electrodes following magnetic stimulation. <i>European Respiratory Journal</i> , 2006, 27, 334-342.	3.1	22
89	The Intensity of Voluntary, Induced, and Spontaneous Cough. <i>Chest</i> , 2015, 148, 1259-1267.	0.4	22
90	Nonvolitional assessment of tibialis anterior force and architecture during critical illness. <i>Muscle and Nerve</i> , 2018, 57, 964-972.	1.0	22

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91	DIAPHRAGMATIC DYSFUNCTION AFTER PEDIATRIC ORTHOTOPIC LIVER TRANSPLANTATION1. Transplantation, 2002, 73, 228-232.	0.5	21
92	Lung function and exhaled nitric oxide levels in infants developing chronic lung disease. Pediatric Pulmonology, 2007, 42, 107-113.	1.0	20
93	Quadriceps and ankle dorsiflexor strength in chronic obstructive pulmonary disease. Muscle and Nerve, 2012, 46, 548-554.	1.0	20
94	Surface mechanomyography and electromyography provide non-invasive indices of inspiratory muscle force and activation in healthy subjects. Scientific Reports, 2018, 8, 16921.	1.6	20
95	Exhaled nitric oxide levels in infants with chronic lung disease. European Journal of Pediatrics, 2004, 163, 555-8.	1.3	19
96	Crossover study of proportional assist versus assist control ventilation. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F35-F38.	1.4	19
97	Work of breathing and volume targeted ventilation in respiratory distress. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2010, 95, F443-F446.	1.4	18
98	Ankle dorsiflexor muscle size, composition and force with ageing and chronic obstructive pulmonary disease. Experimental Physiology, 2014, 99, 1078-1088.	0.9	18
99	Randomised Trial of Volume-Targeted Ventilation versus Pressure-Limited Ventilation in Acute Respiratory Failure in Prematurely Born Infants. Neonatology, 2013, 104, 290-294.	0.9	17
100	Ventilatory Response to Hypercarbia in Newborns of Smoking and Substance-Misusing Mothers. Annals of the American Thoracic Society, 2014, 11, 933-938.	1.5	17
101	Pulmonary diffusing capacity in pregnancy at sea level and at high altitude. Respiratory Physiology and Neurobiology, 2003, 134, 85-92.	0.7	16
102	Volume-targeted ventilation in infants born at or near term. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2012, 97, F264-F266.	1.4	16
103	Prediction of infant extubation outcomes using the tension-time index. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F444-F447.	1.4	16
104	Survey of sleeping position recommendations for prematurely born infants on neonatal intensive care unit discharge. European Journal of Pediatrics, 2007, 166, 809-811.	1.3	15
105	Lung volumes in healthy Afro-Caribbean children aged 4-17 years. Pediatric Pulmonology, 2005, 40, 109-112.	1.0	14
106	Problems in the measurement of functional residual capacity. Physiological Measurement, 2006, 27, 99-107.	1.2	13
107	The effects of sleeping position on ventilatory responses to carbon dioxide in premature infants. Thorax, 2010, 65, 824-828.	2.7	13
108	Tidal breathing parameters in young children: Comparison of measurement by respiratory inductance plethysmography to a facemask pneumotachograph system. , 1999, 28, 436-441.		12

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109	Antenatal substance misuse and smoking and newborn hypoxic challenge response. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F143-F148.	1.4	12
110	Parasternal intercostal electromyography: a novel tool to assess respiratory load in children. Pediatric Research, 2016, 80, 407-414.	1.1	12
111	Predicting healthcare outcomes in prematurely born infants using cluster analysis. Pediatric Pulmonology, 2018, 53, 1067-1072.	1.0	12
112	Work of breathing during HHHFNC and synchronised NIPPV following extubation. European Journal of Pediatrics, 2019, 178, 105-110.	1.3	12
113	Influence of ventilatory settings and sampling position on measurements of simulated exhaled nitric oxide levels. Physiological Measurement, 2003, 24, 1-9.	1.2	11
114	In vitro assessment of proportional assist ventilation. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2010, 95, F331-F337.	1.4	11
115	Airway and alveolar nitric oxide production, lung function, and pulmonary blood flow in sickle cell disease. Pediatric Research, 2016, 79, 313-317.	1.1	11
116	Blunted perception of neural respiratory drive and breathlessness in patients with cystic fibrosis. ERJ Open Research, 2016, 2, 00057-2015.	1.1	11
117	Survey of sleeping position recommendations for prematurely born infants on neonatal intensive care unit discharge. European Journal of Pediatrics, 2003, 162, 426-427.	1.3	10
118	Randomised weaning trial comparing assist control to pressure support ventilation. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2012, 97, F429-F433.	1.4	10
119	Lung function at follow-up of infants with surgically correctable anomalies. Pediatric Pulmonology, 2012, 47, 973-978.	1.0	10
120	Volume-targeted versus pressure-limited ventilation in infants born at or near term. European Journal of Pediatrics, 2016, 175, 89-95.	1.3	10
121	Assessment of diaphragm function in lumbocostovertebral syndrome. European Journal of Pediatrics, 2004, 163, 694-5.	1.3	9
122	Hering-Breuer reflex, lung volume and position in prematurely born infants. Pediatric Pulmonology, 2008, 43, 767-771.	1.0	9
123	Physiological markers of exercise capacity and lung disease severity in cystic fibrosis. Respirology, 2017, 22, 714-720.	1.3	9
124	Cold Air and Exercise Challenge—Influence of Minute Ventilation. Journal of Asthma, 2007, 44, 143-147.	0.9	8
125	Position and ventilatory response to added dead space in prematurely born infants. Pediatric Pulmonology, 2009, 44, 387-391.	1.0	8
126	Nonvolitional assessment of muscle endurance in idiopathic inflammatory myopathies: There is no relationship between patient-reported fatigue and muscle fatigability. Muscle and Nerve, 2014, 50, 401-406.	1.0	8

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127	Antenatal smoking and substance misuse, infant and newborn response to hypoxia. <i>Pediatric Pulmonology</i> , 2017, 52, 650-655.	1.0	8
128	Respiratory viral infections in infancy and school age respiratory outcomes and healthcare costs. <i>Pediatric Pulmonology</i> , 2018, 53, 342-348.	1.0	8
129	Twitch airway pressure elicited by magnetic phrenic nerve stimulation in anesthetized healthy children. <i>Pediatric Pulmonology</i> , 2005, 40, 141-147.	1.0	7
130	Respiratory muscle strength in healthy infants and those with surgically correctable anomalies. <i>Pediatric Pulmonology</i> , 2015, 50, 71-78.	1.0	7
131	Lung gas transfer in children with sickle cell anaemia. <i>Respiratory Physiology and Neurobiology</i> , 2007, 158, 70-74.	0.7	6
132	Ventilatory Responses to Hypercarbia in Infants of Mothers Who Smoke and Misuse Substances. <i>Journal of Pediatrics</i> , 2016, 175, 224-227.	0.9	6
133	A home-based lower limb-specific resistance training programme for patients with COPD: an explorative feasibility study. <i>ERJ Open Research</i> , 2019, 5, 00126-2018.	1.1	6
134	Noninvasive Assessment of Inspiratory Muscle Neuromechanical Coupling During Inspiratory Threshold Loading. <i>IEEE Access</i> , 2019, 7, 183634-183646.	2.6	6
135	The effects of hypoxia and fatigue on skeletal muscle electromechanical delay. <i>Experimental Physiology</i> , 2020, 105, 842-851.	0.9	6
136	Noninvasive Assessment of Neuromechanical Coupling and Mechanical Efficiency of Parasternal Intercostal Muscle during Inspiratory Threshold Loading. <i>Sensors</i> , 2021, 21, 1781.	2.1	6
137	Ventilator assessment of respiratory mechanics in paediatric intensive care. <i>European Journal of Pediatrics</i> , 2008, 167, 287-291.	1.3	5
138	Pandemic Influenza A (H1N1) Virus 2009 in a Prospectively Followed Cohort of Prematurely Born Infants. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 91-92.	1.1	5
139	Effect of endurance exercise on respiratory muscle function in patients with cystic fibrosis. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 316-322.	0.7	5
140	In vitro assessment of the effect of proportional assist ventilation on the work of breathing. <i>European Journal of Pediatrics</i> , 2016, 175, 639-643.	1.3	5
141	Progressive Decline in FRC in Infants: Physiology or Technology?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1475-1475.	2.5	4
142	Survey of sleeping position recommendations for prematurely born infants. <i>European Journal of Pediatrics</i> , 2011, 170, 229-232.	1.3	4
143	Ventilatory response to added dead space and position in preterm infants at high risk age for SIDS. <i>Pediatric Pulmonology</i> , 2011, 46, 239-245.	1.0	4
144	Sleeping position and responses to a carbon dioxide challenge in convalescent prematurely born infants studied post-term. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, F215-F218.	1.4	4

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145	Effect of electronic compensation on plethysmographic airway resistance measurements. <i>Pediatric Pulmonology</i> , 2007, 42, 764-772.	1.0	3
146	Neuromuscular electrical stimulation to improve exercise capacity in patients with severe COPD – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2016, 4, e16.	5.2	3
147	Parasternal intercostal muscle activity during methacholine-induced bronchoconstriction. <i>Experimental Physiology</i> , 2017, 102, 475-484.	0.9	3
148	The effect of caffeine on the ventilatory response to hypercarbia in preterm infants. <i>Pediatric Research</i> , 2018, 83, 1152-1157.	1.1	3
149	Dance as a rehabilitative strategy for patients with COPD. , 2017, , .		3
150	Respiratory load perception in overweight and asthmatic children. <i>Respiratory Physiology and Neurobiology</i> , 2017, 239, 81-86.	0.7	1
151	The influence of posture on parasternal intercostal muscle activity in healthy young adults. <i>Physiological Measurement</i> , 2019, 40, 01NT03.	1.2	1
152	Second intercostal space electromyography as a measure of neural respiratory drive: Clinical utility and validity. <i>Respiratory Physiology and Neurobiology</i> , 2021, 290, 103683.	0.7	1
153	Influence of asthma and obesity on respiratory load perception in children. , 2016, , .		1
154	Noninvasive Assessment of Neuromechanical and Neuroventilatory Coupling in COPD. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 3385-3396.	3.9	1
155	Abdominal Muscle Fatigue Following Exercise In Cystic Fibrosis. , 2010, , .		0
156	Diaphragm Function In Patients With Cystic Fibrosis Following Endurance Exercise To Exhaustion. , 2010, , .		0
157	Neural Respiratory Drive Measured Using Surface Parasternal Intercostal Electromyography During Hypercapnia Induced Ventilation And Inspiratory Loading. , 2010, , .		0
158	Response. <i>Chest</i> , 2016, 149, 286-287.	0.4	0
159	Work of breathing during HHHFN and synchronised NIPPV following extubation <i>Eur J Pediatr</i> 2019;178:105-110, doi: 10.1007/s00431-018-3254-3. Response to: How can we provide true synchronization in synchronized NIPPV. Corresponding Author: Kadir Åžerafettin TekgÃ¼ndÃ¼z; doi: 10.1007/s00431-019-03353-4. <i>European Journal of Pediatrics</i> . 2019. 178. 781-782.	1.3	0
160	Spatial Distribution of Normal Lung Sounds in Healthy Individuals under Varied Inspiratory Load and Flow Conditions. , 2020, 2020, 2744-2747.		0
161	Non-invasive assessment of diaphragm contractility using surface mechanomyography in healthy subjects. , 2017, , .		0
162	An observational study of the severity of respiratory depression (RDP) in opioid dependent patients (ODP). , 2017, , .		0