

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	Noninvasive Assessment of Neuromechanical and Neuroventilatory Coupling in COPD. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3385-3396.	3.9	1
2	Noninvasive Assessment of Neuromechanical Coupling and Mechanical Efficiency of Parasternal Intercostal Muscle during Inspiratory Threshold Loading. Sensors, 2021, 21, 1781.	2.1	6
3	Second intercostal space electromyography as a measure of neural respiratory drive: Clinical utility and validity. Respiratory Physiology and Neurobiology, 2021, 290, 103683.	0.7	1
4	Breathlessness and dysfunctional breathing in patients with postural orthostatic tachycardia syndrome (POTS): The impact of a physiotherapy intervention. Autonomic Neuroscience: Basic and Clinical, 2020, 223, 102601.	1.4	25
5	ARTP statement on pulmonary function testing 2020. BMJ Open Respiratory Research, 2020, 7, e000575.	1.2	44
6	Spatial Distribution of Normal Lung Sounds in Healthy Individuals under Varied Inspiratory Load and Flow Conditions. , 2020, 2020, 2744-2747.		0
7	The effects of hypoxia and fatigue on skeletal muscle electromechanical delay. Experimental Physiology, 2020, 105, 842-851.	0.9	6
8	The influence of posture on parasternal intercostal muscle activity in healthy young adults. Physiological Measurement, 2019, 40, 01NT03.	1.2	1
9	A home-based lower limb-specific resistance training programme for patients with COPD: an explorative feasibility study. ERJ Open Research, 2019, 5, 00126-2018.	1.1	6
10	Work of breathing during HHHFN and synchronised NIPPV following extubation Eur J Pediatr 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 Åzerafettin TekgÃ¼ndÃ¼z; doi: 10.1007/s00431-019-03353-4. European Journal of Pediatrics, 2019, 178, 781-782.	1.3	0
11	Noninvasive Assessment of Inspiratory Muscle Neuromechanical Coupling During Inspiratory Threshold Loading. IEEE Access, 2019, 7, 183634-183646.	2.6	6
12	Work of breathing during HHHFNC and synchronised NIPPV following extubation. European Journal of Pediatrics, 2019, 178, 105-110.	1.3	12
13	Nonvolitional assessment of tibialis anterior force and architecture during critical illness. Muscle and Nerve, 2018, 57, 964-972.	1.0	22
14	Respiratory viral infections in infancy and school age respiratory outcomes and healthcare costs. Pediatric Pulmonology, 2018, 53, 342-348.	1.0	8
15	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
16	Predicting healthcare outcomes in prematurely born infants using cluster analysis. Pediatric Pulmonology, 2018, 53, 1067-1072.	1.0	12
17	The effect of caffeine on the ventilatory response to hypercarbia in preterm infants. Pediatric Research, 2018, 83, 1152-1157.	1.1	3
18	Respiratory load perception in overweight and asthmatic children. Respiratory Physiology and Neurobiology, 2017, 239, 81-86.	0.7	1

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19	Parasternal intercostal muscle activity during methacholine-induced bronchoconstriction. <i>Experimental Physiology</i> , 2017, 102, 475-484.	0.9	3
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	Sound: a non-invasive measure of cough intensity. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000178.	1.2	28
22	Antenatal smoking and substance misuse, infant and newborn response to hypoxia. <i>Pediatric Pulmonology</i> , 2017, 52, 650-655.	1.0	8
23	Physiological markers of exercise capacity and lung disease severity in cystic fibrosis. <i>Respirology</i> , 2017, 22, 714-720.	1.3	9
24	Non-invasive assessment of diaphragm contractility using surface mechanomyography in healthy subjects. , 2017, , .		0
25	An observational study of the severity of respiratory depression (RDP) in opioid dependent patients (ODP). , 2017, , .		0
26	Dance as a rehabilitative strategy for patients with COPD. , 2017, , .		3
27	Longitudinal assessment of lung function in children with sickle cell disease. <i>Pediatric Pulmonology</i> , 2016, 51, 717-723.	1.0	40
28	Antenatal substance misuse and smoking and newborn hypoxic challenge response. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F143-F148.	1.4	12
29	Randomised sham-controlled trial of transcutaneous electrical stimulation in obstructive sleep apnoea. <i>Thorax</i> , 2016, 71, 923-931.	2.7	44
30	Parasternal intercostal electromyography: a novel tool to assess respiratory load in children. <i>Pediatric Research</i> , 2016, 80, 407-414.	1.1	12
31	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
32	Measurement of neural respiratory drive via parasternal intercostal electromyography in healthy adult subjects. <i>Physiological Measurement</i> , 2016, 37, 2050-2063.	1.2	24
33	Pediatric extubation readiness tests should not use pressure support. <i>Intensive Care Medicine</i> , 2016, 42, 1214-1222.	3.9	70
34	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
35	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
36	Response. <i>Chest</i> , 2016, 149, 286-287.	0.4	0

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37	Airway and alveolar nitric oxide production, lung function, and pulmonary blood flow in sickle cell disease. <i>Pediatric Research</i> , 2016, 79, 313-317.	1.1	11
38	Blunted perception of neural respiratory drive and breathlessness in patients with cystic fibrosis. <i>ERJ Open Research</i> , 2016, 2, 00057-2015.	1.1	11
39	Prediction of infant extubation outcomes using the tension-time index. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F444-F447.	1.4	16
40	Work of breathing during CPAP and heated humidified high-flow nasal cannula. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F404-F407.	1.4	29
41	Higher cough flow is associated with lower risk of pneumonia in acute stroke. <i>Thorax</i> , 2016, 71, 474-475.	2.7	48
42	Predictors of objective cough frequency in pulmonary sarcoidosis. <i>European Respiratory Journal</i> , 2016, 47, 1461-1471.	3.1	43
43	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
44	Volume-targeted versus pressure-limited ventilation in infants born at or near term. <i>European Journal of Pediatrics</i> , 2016, 175, 89-95.	1.3	10
45	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
46	An Official American Thoracic Society/European Respiratory Society Workshop Report: Evaluation of Respiratory Mechanics and Function in the Pediatric and Neonatal Intensive Care Units. <i>Annals of the American Thoracic Society</i> , 2016, 13, S1-S11.	1.5	29
47	Influence of asthma and obesity on respiratory load perception in children. , 2016, , .		1
48	The Intensity of Voluntary, Induced, and Spontaneous Cough. <i>Chest</i> , 2015, 148, 1259-1267.	0.4	22
49	Neural respiratory drive predicts clinical deterioration and safe discharge in exacerbations of COPD. <i>Thorax</i> , 2015, 70, 1123-1130.	2.7	60
50	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
51	Respiratory muscle strength in healthy infants and those with surgically correctable anomalies. <i>Pediatric Pulmonology</i> , 2015, 50, 71-78.	1.0	7
52	Neural respiratory drive and breathlessness in COPD. <i>European Respiratory Journal</i> , 2015, 45, 355-364.	3.1	109
53	Accuracy of portable devices in measuring peak cough flow. <i>Physiological Measurement</i> , 2015, 36, 243-257.	1.2	24
54	Does Respiratory Muscle Training Improve Cough Flow in Acute Stroke? Pilot Randomized Controlled Trial. <i>Stroke</i> , 2015, 46, 447-453.	1.0	57

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55	Ultrasound for the Assessment of Peripheral Skeletal Muscle Architecture in Critical Illness. <i>Critical Care Medicine</i> , 2015, 43, 897-905.	0.4	94
56	Crossover study of proportional assist versus assist control ventilation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F35-F38.	1.4	19
57	Ventilatory Response to Hypercarbia in Newborns of Smoking and Substance-Misusing Mothers. <i>Annals of the American Thoracic Society</i> , 2014, 11, 933-938.	1.5	17
58	Airways obstruction and pulmonary capillary blood volume in children with sickle cell disease. <i>Pediatric Pulmonology</i> , 2014, 49, 716-722.	1.0	38
59	Nonvolitional assessment of muscle endurance in idiopathic inflammatory myopathies: There is no relationship between patient-reported fatigue and muscle fatigability. <i>Muscle and Nerve</i> , 2014, 50, 401-406.	1.0	8
60	Ankle dorsiflexor muscle size, composition and force with ageing and chronic obstructive pulmonary disease. <i>Experimental Physiology</i> , 2014, 99, 1078-1088.	0.9	18
61	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
62	Genetic predisposition of RSV infection-related respiratory morbidity in preterm infants. <i>European Journal of Pediatrics</i> , 2014, 173, 905-912.	1.3	37
63	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
64	Lung function of preterm infants before and after viral infections. <i>European Journal of Pediatrics</i> , 2014, 173, 1497-1504.	1.3	28
65	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. <i>Trials</i> , 2014, 15, 123.	0.7	31
66	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
67	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
68	Rhinovirus infection and healthcare utilisation in prematurely born infants. <i>European Respiratory Journal</i> , 2013, 42, 1029-1036.	3.1	35
69	Randomised Trial of Volume-Targeted Ventilation versus Pressure-Limited Ventilation in Acute Respiratory Failure in Prematurely Born Infants. <i>Neonatology</i> , 2013, 104, 290-294.	0.9	17
70	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
71	Randomised weaning trial comparing assist control to pressure support ventilation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2012, 97, F429-F433.	1.4	10
72	Volume-targeted ventilation in infants born at or near term. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2012, 97, F264-F266.	1.4	16

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73	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
74	Quadriceps and ankle dorsiflexor strength in chronic obstructive pulmonary disease. <i>Muscle and Nerve</i> , 2012, 46, 548-554.	1.0	20
75	Lung function at follow-up of infants with surgically correctable anomalies. <i>Pediatric Pulmonology</i> , 2012, 47, 973-978.	1.0	10
76	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
77	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
78	Survey of sleeping position recommendations for prematurely born infants. <i>European Journal of Pediatrics</i> , 2011, 170, 229-232.	1.3	4
79	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
80	Lung function prior to viral lower respiratory tract infections in prematurely born infants. <i>Thorax</i> , 2011, 66, 468-473.	2.7	58
81	Lung function abnormalities in infants developing bronchopulmonary dysplasia. <i>Archives of Disease in Childhood</i> , 2011, 96, 1014-1019.	1.0	42
82	Chorioamnionitis, lung function and bronchopulmonary dysplasia in prematurely born infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011, 96, F270-F274.	1.4	36
83	Continuous Transcutaneous Submental Electrical Stimulation in Obstructive Sleep Apnea. <i>Chest</i> , 2011, 140, 998-1007.	0.4	55
84	Neural respiratory drive, pulmonary mechanics and breathlessness in patients with cystic fibrosis. <i>Thorax</i> , 2011, 66, 240-246.	2.7	106
85	Prediction of bronchopulmonary dysplasia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011, 96, F410-F416.	1.4	40
86	Abdominal Muscle Fatigue Following Exercise In Cystic Fibrosis. , 2010, , .		0
87	Diaphragm Function In Patients With Cystic Fibrosis Following Endurance Exercise To Exhaustion. , 2010, , .		0
88	Neural Respiratory Drive Measured Using Surface Parasternal Intercostal Electromyography During Hypercapnia Induced Ventilation And Inspiratory Loading. , 2010, , .		0
89	The effects of sleeping position on ventilatory responses to carbon dioxide in premature infants. <i>Thorax</i> , 2010, 65, 824-828.	2.7	13
90	In vitro assessment of proportional assist ventilation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2010, 95, F331-F337.	1.4	11

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91	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
92	Work of breathing during SIMV with and without pressure support. Archives of Disease in Childhood, 2009, 94, 434-436.	1.0	45
93	Tensionâ€“Time Index as a Predictor of Extubation Outcome in Ventilated Children. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 982-988.	2.5	51
94	Work of Breathing and Different Levels of Volume-Targeted Ventilation. Pediatrics, 2009, 123, e679-e684.	1.0	48
95	Ultrasound measurement of rectus femoris cross-sectional area and the relationship with quadriceps strength in COPD. Thorax, 2009, 64, 418-423.	2.7	275
96	Effect of caffeine on respiratory muscle strength and lung function in prematurely born, ventilated infants. European Journal of Pediatrics, 2009, 168, 1491-5.	1.3	54
97	Chest radiograph thoracic areas and lung volumes in infants developing bronchopulmonary dysplasia. Pediatric Pulmonology, 2009, 44, 80-85.	1.0	26
98	Position and ventilatory response to added dead space in prematurely born infants. Pediatric Pulmonology, 2009, 44, 387-391.	1.0	8
99	Ventilator assessment of respiratory mechanics in paediatric intensive care. European Journal of Pediatrics, 2008, 167, 287-291.	1.3	5
100	Heringâ€“Breuer reflex, lung volume and position in prematurely born infants. Pediatric Pulmonology, 2008, 43, 767-771.	1.0	9
101	Measurement of maximal inspiratory pressure in ventilated children. Pediatric Pulmonology, 2008, 43, 1085-1091.	1.0	27
102	Sleep-disordered breathing in unilateral diaphragm paralysis or severe weakness. European Respiratory Journal, 2008, 32, 1479-1487.	3.1	72
103	Neural respiratory drive in healthy subjects and in COPD. European Respiratory Journal, 2008, 33, 289-297.	3.1	165
104	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
105	Cold Air and Exercise Challengeâ€“Influence of Minute Ventilation. Journal of Asthma, 2007, 44, 143-147.	0.9	8
106	Very prematurely born infants wheezing at follow-up: lung function and risk factors. Archives of Disease in Childhood, 2007, 92, 776-780.	1.0	41
107	Acid Gastroesophageal Reflux in Convalescent Preterm Infants: Effect of Posture and Relationship to Apnea. Pediatric Research, 2007, 62, 620-623.	1.1	44
108	End-tidal Carbon Monoxide Levels in Prematurely Born Infants Developing Bronchopulmonary Dysplasia. Pediatric Research, 2007, 61, 474-478.	1.1	27

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109	The value of multiple tests of respiratory muscle strength. <i>Thorax</i> , 2007, 62, 975-980.	2.7	191
110	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
111	Lung gas transfer in children with sickle cell anaemia. <i>Respiratory Physiology and Neurobiology</i> , 2007, 158, 70-74.	0.7	6
112	Temporal relationship of asthma to acute chest syndrome in sickle cell disease. <i>Pediatric Pulmonology</i> , 2007, 42, 103-106.	1.0	59
113	Lung function and exhaled nitric oxide levels in infants developing chronic lung disease. <i>Pediatric Pulmonology</i> , 2007, 42, 107-113.	1.0	20
114	Airway hyperresponsiveness and acute chest syndrome in children with sickle cell anemia. <i>Pediatric Pulmonology</i> , 2007, 42, 272-276.	1.0	42
115	Effect of electronic compensation on plethysmographic airway resistance measurements. <i>Pediatric Pulmonology</i> , 2007, 42, 764-772.	1.0	3
116	Survey of sleeping position recommendations for prematurely born infants on neonatal intensive care unit discharge. <i>European Journal of Pediatrics</i> , 2007, 166, 809-811.	1.3	15
117	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
118	Diaphragm electromyograms recorded from multiple surface electrodes following magnetic stimulation. <i>European Respiratory Journal</i> , 2006, 27, 334-342.	3.1	22
119	Effect of Prone and Supine Position on Sleep, Apneas, and Arousal in Preterm Infants. <i>Pediatrics</i> , 2006, 118, 101-107.	1.0	108
120	Problems in the measurement of functional residual capacity. <i>Physiological Measurement</i> , 2006, 27, 99-107.	1.2	13
121	Exhaled carbon monoxide levels in children with sickle cell disease. <i>European Journal of Pediatrics</i> , 2005, 164, 162-165.	1.3	32
122	Lung volumes in infants who had mild to moderate bronchopulmonary dysplasia. <i>European Journal of Pediatrics</i> , 2005, 164, 583-586.	1.3	24
123	Twitch airway pressure elicited by magnetic phrenic nerve stimulation in anesthetized healthy children. <i>Pediatric Pulmonology</i> , 2005, 40, 141-147.	1.0	7
124	Lung volumes in healthy Afro-Caribbean children aged 4-17 years. <i>Pediatric Pulmonology</i> , 2005, 40, 109-112.	1.0	14
125	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
126	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

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127	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
128	Effect of salmeterol on respiratory muscle activity during exercise in poorly reversible COPD. <i>Thorax</i> , 2004, 59, 471-476.	2.7	86
129	Exhaled nitric oxide levels in infants with chronic lung disease. <i>European Journal of Pediatrics</i> , 2004, 163, 555-8.	1.3	19
130	Assessment of diaphragm function in lumbocostovertebral syndrome. <i>European Journal of Pediatrics</i> , 2004, 163, 694-5.	1.3	9
131	Pulmonary function abnormalities in children with sickle cell disease. <i>Thorax</i> , 2004, 59, 67-70.	2.7	68
132	Survey of sleeping position recommendations for prematurely born infants on neonatal intensive care unit discharge. <i>European Journal of Pediatrics</i> , 2003, 162, 426-427.	1.3	10
133	Nasal and lower airway levels of nitric oxide in prematurely born infants. <i>Early Human Development</i> , 2003, 72, 67-73.	0.8	28
134	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
135	Effect of posture on respiratory function and drive in preterm infants prior to discharge. <i>Pediatric Pulmonology</i> , 2003, 36, 295-300.	1.0	32
136	Pulmonary diffusing capacity in pregnancy at sea level and at high altitude. <i>Respiratory Physiology and Neurobiology</i> , 2003, 134, 85-92.	0.7	16
137	Non-volitional assessment of skeletal muscle strength in patients with chronic obstructive pulmonary disease. <i>Thorax</i> , 2003, 58, 665-669.	2.7	110
138	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
139	Influence of ventilatory settings and sampling position on measurements of simulated exhaled nitric oxide levels. <i>Physiological Measurement</i> , 2003, 24, 1-9.	1.2	11
140	Diaphragmatic Function in Infants with Surgically Corrected Anomalies. <i>Pediatric Research</i> , 2003, 54, 502-508.	1.1	26
141	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
142	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
143	Postprandial effects on twitch transdiaphragmatic pressure. <i>European Respiratory Journal</i> , 2002, 20, 577-580.	3.1	27
144	Reproducibility of twitch and sniff transdiaphragmatic pressures. <i>Respiratory Physiology and Neurobiology</i> , 2002, 132, 301-306.	0.7	36

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145	Respiratory function in singleton and twin pregnancy. BJOG: an International Journal of Obstetrics and Gynaecology, 2002, 109, 765-769.	1.1	95
146	DIAPHRAGMATIC DYSFUNCTION AFTER PEDIATRIC ORTHOTOPIC LIVER TRANSPLANTATION1. Transplantation, 2002, 73, 228-232.	0.5	21
147	Magnetic phrenic nerve stimulation to assess diaphragm function in children following liver transplantation. Pediatric Critical Care Medicine, 2001, 2, 122-126.	0.2	22
148	Whistle mouth pressure as test of expiratory muscle strength. European Respiratory Journal, 2001, 17, 688-695.	3.1	23
149	Effect of Maturity on Maximal Transdiaphragmatic Pressure in Infants during Crying. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 433-436.	2.5	25
150	Comparison of predictors of extubation from mechanical ventilation in children. Pediatric Critical Care Medicine, 2000, 1, 28-32.	0.2	48
151	Assessment of respiratory drive and muscle function in the pediatric intensive care unit and prediction of extubation failure. Pediatric Critical Care Medicine, 2000, 1, 124-126.	0.2	40
152	Sniff nasal inspiratory pressure in children. , 2000, 29, 468-475.		39
153	Maximal airway pressures during crying in healthy preterm and term neonates. Early Human Development, 2000, 57, 149-156.	0.8	29
154	Resistance of pediatric and neonatal endotracheal tubes: Influence of flow rate, size, and shape. Critical Care Medicine, 2000, 28, 1595-1598.	0.4	96
155	Adductor Pollicis Twitch Tension Assessed by Magnetic Stimulation of the Ulnar Nerve. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 240-245.	2.5	50
156	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
157	Effect of Hypercapnia on Maximal Voluntary Ventilation and Diaphragm Fatigue in Normal Humans. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1567-1571.	2.5	39
158	Quantification of the Esophageal Diaphragm Electromyogram with Magnetic Phrenic Nerve Stimulation. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1629-1634.	2.5	38
159	Tidal breathing parameters in young children: Comparison of measurement by respiratory inductance plethysmography to a facemask pneumotachograph system. , 1999, 28, 436-441.		12
160	Influence of acute lung volume change on contractile properties of human diaphragm. Journal of Applied Physiology, 1998, 85, 1322-1328.	1.2	59
161	Paired phrenic nerve stimuli for the detection of diaphragm fatigue in humans. European Respiratory Journal, 1997, 10, 1859-1864.	3.1	28
162	Control of the respiratory cycle in conscious humans. Journal of Applied Physiology, 1996, 81, 1744-1753.	1.2	27