

# Jane J Pillow

## List of Publications by Year in descending order

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146  
papers

6,529  
citations

76326

40  
h-index

69250

77  
g-index

151  
all docs

151  
docs citations

151  
times ranked

5109  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Implantable Electronic Device for Monitoring Fetal Lung Pressure in a Lamb Model of Congenital Diaphragmatic Hernia. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-10.	4.7	3
2	Epidemiology of Neonatal Acute Respiratory Distress Syndrome: Prospective, Multicenter, International Cohort Study. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 524-534.	0.5	28
3	Lung recruitment before surfactant administration in extremely preterm neonates with respiratory distress syndrome (IN-REC-SUR-E): a randomised, unblinded, controlled trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 159-166.	10.7	42
4	Lung abnormalities do not influence aerobic capacity in school children born preterm. <i>European Journal of Applied Physiology</i> , 2021, 121, 489-498.	2.5	7
5	Pulmonary Gas Exchange Improves over the First Year in Preterm Infants with and without Bronchopulmonary Dysplasia. <i>Neonatology</i> , 2021, 118, 98-105.	2.0	3
6	Aerosol drug delivery to spontaneously-breathing preterm neonates: lessons learned. <i>Respiratory Research</i> , 2021, 22, 71.	3.6	29
7	Simplified bedside assessment of pulmonary gas exchange in very preterm infants at 36 weeks postmenstrual age. <i>Thorax</i> , 2021, 76, 689-695.	5.6	6
8	The effect of human amnion epithelial cells on lung development and inflammation in preterm lambs exposed to antenatal inflammation. <i>PLoS ONE</i> , 2021, 16, e0253456.	2.5	11
9	Effect of Enteral Vitamin A on Fecal Calprotectin in Extremely Preterm Infants: A Nested Prospective Observational Study. <i>Neonatology</i> , 2021, 118, 720-726.	2.0	1
10	Vitamin A supplementation in very-preterm or very-low-birth-weight infants to prevent morbidity and mortality: a systematic review and meta-analysis of randomized trials. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 2084-2096.	4.7	12
11	Enteral Vitamin A for Reducing Severity of Bronchopulmonary Dysplasia: A Randomized Trial. <i>Pediatrics</i> , 2021, 147, e2020009985.	2.1	23
12	Saliva for Assessing Vitamin A Status in Extremely Preterm Infants: A Diagnostic Study. <i>Neonatology</i> , 2020, 117, 365-368.	2.0	2
13	Endocrine consequences of circadian rhythm disruption in early life. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2020, 11, 65-71.	1.4	5
14	Ex Vivo MRI Analytical Methods and Brain Pathology in Preterm Lambs Treated with Postnatal Dexamethasone. <i>Brain Sciences</i> , 2020, 10, 211.	2.3	5
15	Electrostatic Filters to Reduce COVID-19 Spread in Bubble CPAP: An in vitro Study of Safety and Efficacy. <i>Neonatology</i> , 2020, 117, 736-741.	2.0	1
16	Bronchopulmonary dysplasia: Pathophysiology and potential anti-inflammatory therapies. <i>Paediatric Respiratory Reviews</i> , 2019, 30, 34-41.	1.8	31
17	Nebulised surfactant to reduce severity of respiratory distress: a blinded, parallel, randomised controlled trial. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F313-F319.	2.8	94
18	Association of Center-Specific Patient Volumes and Early Respiratory Management Practices with Death and Bronchopulmonary Dysplasia in Preterm Infants. <i>Journal of Pediatrics</i> , 2019, 210, 63-68.e2.	1.8	4

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19	Regional distribution of chest wall displacements in infants during high-frequency ventilation. <i>Journal of Applied Physiology</i> , 2019, 126, 928-933.	2.5	2
20	Physiology and Predictors of Impaired Gas Exchange in Infants with Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 471-480.	5.6	43
21	Vitamin A supplementation for prevention of mortality and morbidity in moderate and late preterm infants. <i>The Cochrane Library</i> , 2019, , .	2.8	0
22	Bronchopulmonary dysplasia: Rationale for a pathophysiological rather than treatment based approach to diagnosis. <i>Paediatric Respiratory Reviews</i> , 2019, 32, 91-97.	1.8	25
23	Environmental exposure and parental collection does not affect detection or semi-quantitative load assessment of bacteria in nasal swab specimens from children. <i>Infectious Diseases</i> , 2018, 50, 468-471.	2.8	1
24	Lung function trajectories throughout childhood in survivors of very preterm birth: a longitudinal cohort study. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 350-359.	5.6	125
25	Increased prevalence of expiratory flow limitation during exercise in children with bronchopulmonary dysplasia. <i>ERJ Open Research</i> , 2018, 4, 00048-2018.	2.6	12
26	Vitamin A Protects the Preterm Lamb Diaphragm Against Adverse Effects of Mechanical Ventilation. <i>Frontiers in Physiology</i> , 2018, 9, 1119.	2.8	4
27	Gestational age at time of in utero lipopolysaccharide exposure influences the severity of inflammation-induced diaphragm weakness in lambs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R523-R532.	1.8	1
28	Lung mechanics, airway reactivity, and muscularization are altered in former mechanically ventilated preterm lambs. , 2018, , .		1
29	End-inspiratory molar mass step correction for analysis of infant multiple breath washout tests. <i>Pediatric Pulmonology</i> , 2017, 52, 10-13.	2.0	2
30	Altered lung structure and function in mid-childhood survivors of very preterm birth. <i>Thorax</i> , 2017, 72, 702-711.	5.6	93
31	Constitutive Modelling of Lamb Aorta. , 2017, , 15-25.		0
32	Influence of antenatal glucocorticoid on preterm lamb diaphragm. <i>Pediatric Research</i> , 2017, 82, 509-517.	2.3	2
33	Lung ultrasound and neonatal ARDS: is Montreux closer to Berlin than to Kigali? "Authors' reply. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, e32.	10.7	9
34	The Montreux definition of neonatal ARDS: biological and clinical background behind the description of a new entity. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, 657-666.	10.7	202
35	Effect of frequency on pressure cost of ventilation and gas exchange in newborns receiving high-frequency oscillatory ventilation. <i>Pediatric Research</i> , 2017, 82, 994-999.	2.3	17
36	Optimization of Variable Ventilation for Physiology, Immune Response and Surfactant Enhancement in Preterm Lambs. <i>Frontiers in Physiology</i> , 2017, 8, 425.	2.8	15

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37	Enteral vitamin A for reducing severity of bronchopulmonary dysplasia in extremely preterm infants: a randomised controlled trial. <i>BMC Pediatrics</i> , 2017, 17, 204.	1.7	18
38	Shift in very preterm infants with oxyhaemoglobin saturation >94% in room air. , 2017, , .		0
39	Low-frequency oscillatory mechanics in very preterm infants with and without Bronchopulmonary Dysplasia. , 2017, , .		0
40	Postnatal steroids in preterm lambs: long term impact on lung mechanics and respiratory control. , 2017, , .		0
41	Is early oxygen uptake recovery altered in children born very preterm?. , 2017, , .		0
42	Environmental exposure does not affect pathogenic detection in nasal specimens. , 2017, , .		0
43	Multiple breath washout cannot be used for tidal breath parameter analysis in infants. <i>Pediatric Pulmonology</i> , 2016, 51, 531-540.	2.0	8
44	Influence of respiratory dead space on lung clearance index in preterm infants. <i>Respiratory Physiology and Neurobiology</i> , 2016, 223, 43-48.	1.6	7
45	Efficacy of a new technique "INTubate-REcruit-SURfactant-Extubate" (IN-REC-SUR-E-â€•) in preterm neonates with respiratory distress syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 414.	1.6	18
46	Respiratory function and symptoms in young preterm children in the contemporary era. <i>Pediatric Pulmonology</i> , 2016, 51, 1347-1355.	2.0	47
47	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.	3.2	29
48	Exhaled breath condensate: Measuring inflammation and oxidative stress in preterm infants. , 2016, , .		0
49	Ontogeny of the ovine airway wall from late gestation to adulthood. , 2016, , .		0
50	Gestational age at initial exposure to <i>in utero</i> inflammation influences the extent of diaphragm dysfunction in preterm lambs. <i>Respirology</i> , 2015, 20, 1255-1262.	2.3	4
51	A comparison of high-frequency jet ventilation and synchronised intermittent mandatory ventilation in preterm lambs. <i>Pediatric Pulmonology</i> , 2015, 50, 1286-1293.	2.0	8
52	Multifrequency Oscillatory Ventilation in the Premature Lung. <i>Anesthesiology</i> , 2015, 123, 1394-1403.	2.5	25
53	Pressure-limited sustained inflation vs. gradual tidal inflations for resuscitation in preterm lambs. <i>Journal of Applied Physiology</i> , 2015, 118, 890-897.	2.5	32
54	Influence of Gestational Age on Dead Space and Alveolar Ventilation in Preterm Infants Ventilated with Volume Guarantee. <i>Neonatology</i> , 2015, 107, 43-49.	2.0	14

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55	Oscillatory Ventilator Performance: What Does It Mean?. Neonatology, 2015, 108, 229-232.	2.0	2
56	Interleukin-1 Receptor Antagonist Protects against Lipopolysaccharide Induced Diaphragm Weakness in Preterm Lambs. PLoS ONE, 2015, 10, e0124390.	2.5	11
57	Longitudinal lung function in school-age children born very preterm. , 2015, , .		0
58	Structural abnormalities do not explain the reduced exercise capacity in preterm children. , 2015, , .		0
59	Effects of intra-amniotic lipopolysaccharide exposure on the fetal lamb lung as gestation advances. Pediatric Research, 2014, 75, 500-506.	2.3	5
60	Altered canonical Wingless-Int signaling in the ovine fetal lung after exposure to intra-amniotic lipopolysaccharide and antenatal betamethasone. Pediatric Research, 2014, 75, 281-287.	2.3	10
61	Pressure- versus volume-limited sustained inflations at resuscitation of premature newborn lambs. BMC Pediatrics, 2014, 14, 43.	1.7	36
62	Effect of Maternal Steroid on Developing Diaphragm Integrity. PLoS ONE, 2014, 9, e93224.	2.5	8
63	Clinical prediction models for bronchopulmonary dysplasia: a systematic review and external validation study. BMC Pediatrics, 2013, 13, 207.	1.7	99
64	Developmental regulation of molecular signalling in fetal and neonatal diaphragm protein metabolism. Experimental Biology and Medicine, 2013, 238, 913-922.	2.4	12
65	Consensus statement for inert gas washout measurement using multiple- and single- breath tests. European Respiratory Journal, 2013, 41, 507-522.	6.7	631
66	<i>In Utero</i> LPS Exposure Impairs Preterm Diaphragm Contractility. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 866-874.	2.9	18
67	Developmental changes in diaphragm muscle function in the preterm and postnatal lamb. Pediatric Pulmonology, 2013, 48, 640-648.	2.0	15
68	Ureaplasma parvum Serovar 3 Multiple Banded Antigen Size Variation after Chronic Intra-Amniotic Infection/Colonization. PLoS ONE, 2013, 8, e62746.	2.5	21
69	Lipopolysaccharide-Induced Weakness in the Preterm Diaphragm Is Associated with Mitochondrial Electron Transport Chain Dysfunction and Oxidative Stress. PLoS ONE, 2013, 8, e73457.	2.5	19
70	Effects of Intra-Amniotic Lipopolysaccharide and Maternal Betamethasone on Brain Inflammation in Fetal Sheep. PLoS ONE, 2013, 8, e81644.	2.5	37
71	LPS-induced chorioamnionitis and antenatal corticosteroids modulate Shh signaling in the ovine fetal lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L778-L787.	2.9	45
72	Variable ventilation enhances ventilation without exacerbating injury in preterm lambs with respiratory distress syndrome. Pediatric Research, 2012, 72, 384-392.	2.3	12

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73	Inflammation in utero exacerbates ventilation-induced brain injury in preterm lambs. <i>Journal of Applied Physiology</i> , 2012, 112, 481-489.	2.5	39
74	Intra-amniotic LPS and antenatal betamethasone: inflammation and maturation in preterm lamb lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L380-L389.	2.9	73
75	Tidal volume, recruitment and compliance in HFOV: same principles, different frequency: Figure 1a. <i>European Respiratory Journal</i> , 2012, 40, 291-293.	6.7	18
76	Impact of Conventional Breath Inspiratory Time during High-Frequency Jet Ventilation in Preterm Lambs. <i>Neonatology</i> , 2012, 101, 267-273.	2.0	4
77	Ovine Fetal Thymus Response to Lipopolysaccharide-Induced Chorioamnionitis and Antenatal Corticosteroids. <i>PLoS ONE</i> , 2012, 7, e38257.	2.5	28
78	Antenatal exposure to chorioamnionitis affects lipid metabolism in 7-week-old sheep. <i>Journal of Developmental Origins of Health and Disease</i> , 2012, 3, 103-110.	1.4	8
79	Ontogeny of Proteolytic Signaling and Antioxidant Capacity in Fetal and Neonatal Diaphragm. <i>Anatomical Record</i> , 2012, 295, 864-871.	1.4	11
80	Which Continuous Positive Airway Pressure System is Best for the Preterm Infant with Respiratory Distress Syndrome?. <i>Clinics in Perinatology</i> , 2012, 39, 483-496.	2.1	30
81	Long term respiratory consequences of intrauterine growth restriction. <i>Seminars in Fetal and Neonatal Medicine</i> , 2012, 17, 92-98.	2.3	87
82	Innovation in Surfactant Therapy II: Surfactant Administration by Aerosolization. <i>Neonatology</i> , 2012, 101, 337-344.	2.0	83
83	The Role of the Multiple Banded Antigen of <i>Ureaplasma parvum</i> in Intra-Amniotic Infection: Major Virulence Factor or Decoy?. <i>PLoS ONE</i> , 2012, 7, e29856.	2.5	40
84	Pressure oscillation delivery to the lung: Computer simulation of neonatal breathing parameters. <i>Journal of Biomechanics</i> , 2011, 44, 2649-2658.	2.1	2
85	IL-1 $\beta$ Mediated Chorioamnionitis Induces Depletion of FoxP3+ Cells and Ileal Inflammation in the Ovine Fetal Gut. <i>PLoS ONE</i> , 2011, 6, e18355.	2.5	48
86	The cerebral critical oxygen threshold of ventilated preterm lambs and the influence of antenatal inflammation. <i>Journal of Applied Physiology</i> , 2011, 111, 775-781.	2.5	21
87	Cardiopulmonary haemodynamics in lambs during induced capillary leakage immediately after preterm birth. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 222-228.	1.9	7
88	Fetal responses to lipopolysaccharide-induced chorioamnionitis alter immune and airway responses in 7-week-old sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, 364.e17-364.e24.	1.3	24
89	Variable ventilation improves ventilation and lung compliance in preterm lambs. <i>Intensive Care Medicine</i> , 2011, 37, 1352-1359.	8.2	23
90	High Positive End-Expiratory Pressure During High-Frequency Jet Ventilation Improves Oxygenation and Ventilation in Preterm Lambs. <i>Pediatric Research</i> , 2011, 69, 319-324.	2.3	17

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91	Interleukin-1 in Lipopolysaccharide Induced Chorioamnionitis in the Fetal Sheep. <i>Reproductive Sciences</i> , 2011, 18, 1092-1102.	2.5	31
92	Positive end-expiratory pressure and surfactant decrease lung injury during initiation of ventilation in fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L712-L720.	2.9	49
93	Inflammation and lung maturation from stretch injury in preterm fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L232-L241.	2.9	81
94	Pulmonary and systemic inflammatory responses to intra-amniotic IL-1 $\beta$ in fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L285-L295.	2.9	40
95	<i>Anatomy and Physics of Respiration.</i> , 2010, , 19-1-19-20.		0
96	Flow-cycled versus time-cycled synchronized ventilation for neonates. <i>The Cochrane Library</i> , 2010, , CD008246.	2.8	5
97	Lung Volume and Ventilation Inhomogeneity in Preterm Infants at 15-18 Months Corrected Age. <i>Journal of Pediatrics</i> , 2010, 156, 542-549.e2.	1.8	38
98	The management of evolving bronchopulmonary dysplasia. <i>Paediatric Respiratory Reviews</i> , 2010, 11, 143-148.	1.8	26
99	Body temperature effects on lung injury in ventilated preterm lambs. <i>Resuscitation</i> , 2010, 81, 749-754.	3.0	38
100	Reproducibility of multiple breath washout indices in the unsedated preterm neonate. <i>Pediatric Pulmonology</i> , 2010, 45, 62-70.	2.0	17
101	Inflammation in fetal sheep from intra-amniotic injection of <i>Ureaplasma parvum</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L852-L860.	2.9	62
102	Pulmonary vascular and alveolar development in preterm lambs chronically colonized with <i>Ureaplasma parvum</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L232-L241.	2.9	33
103	Ventilation-Mediated Injury After Preterm Delivery of <i>Ureaplasma parvum</i> Colonized Fetal Lambs. <i>Pediatric Research</i> , 2010, 67, 630-635.	2.3	23
104	Airway Injury From Initiating Ventilation in Preterm Sheep. <i>Pediatric Research</i> , 2010, 67, 60-65.	2.3	79
105	Pulmonary and Systemic Expression of Monocyte Chemotactic Proteins in Preterm Sheep Fetuses Exposed to Lipopolysaccharide-Induced Chorioamnionitis. <i>Pediatric Research</i> , 2010, 68, 210-215.	2.3	26
106	Intrauterine inflammation causes pulmonary hypertension and cardiovascular sequelae in preterm lambs. <i>Journal of Applied Physiology</i> , 2010, 108, 1757-1765.	2.5	40
107	<i>Bubble Continuous Positive Airway Pressure.</i> , 2010, , 369-375.		0
108	Inhibitors of inflammation and endogenous surfactant pool size as modulators of lung injury with initiation of ventilation in preterm sheep. <i>Respiratory Research</i> , 2010, 11, 151.	3.6	29

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109	Elective high-frequency oscillatory versus conventional ventilation in preterm infants: a systematic review and meta-analysis of individual patients' data. <i>Lancet, The</i> , 2010, 375, 2082-2091.	13.7	135
110	IL-1 Mediates Pulmonary and Systemic Inflammatory Responses to Chorioamnionitis Induced by Lipopolysaccharide. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 955-961.	5.6	119
111	Lung and Systemic Inflammation in Preterm Lambs on Continuous Positive Airway Pressure or Conventional Ventilation. <i>Pediatric Research</i> , 2009, 65, 67-71.	2.3	53
112	Feasibility and Short-Term Effects of Biphasic Positive Airway Pressure Versus Assist-Control Ventilation in Preterm Lambs. <i>Pediatric Research</i> , 2009, 66, 665-670.	2.3	0
113	IL-8 signaling does not mediate intra-amniotic LPS-induced inflammation and maturation in preterm fetal lamb lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L512-L519.	2.9	30
114	Association of prematurity, lung disease and body size with lung volume and ventilation inhomogeneity in unsedated neonates: a multicentre study. <i>Thorax</i> , 2009, 64, 240-245.	5.6	83
115	Betamethasone dose and formulation for induced lung maturation in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 201, 611.e1-611.e7.	1.3	37
116	Oxygen, temperature and humidity of inspired gases and their influences on airway and lung tissue in near-term lambs. <i>Intensive Care Medicine</i> , 2009, 35, 2157-2163.	8.2	43
117	High and low body temperature during the initiation of ventilation for near-term lambs. <i>Resuscitation</i> , 2009, 80, 133-137.	3.0	9
118	Antenatal and postnatal corticosteroid and resuscitation induced lung injury in preterm sheep. <i>Respiratory Research</i> , 2009, 10, 124.	3.6	33
119	Cardiovascular and pulmonary consequences of airway recruitment in preterm lambs. <i>Journal of Applied Physiology</i> , 2009, 106, 1347-1355.	2.5	57
120	Airway inflammatory cell responses to intra-amniotic lipopolysaccharide in a sheep model of chorioamnionitis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L384-L393.	2.9	23
121	Nasal versus face mask for multiple breath washout technique in preterm infants. <i>Pediatric Pulmonology</i> , 2008, 43, 858-865.	2.0	10
122	Injury and Inflammation from Resuscitation of the Preterm Infant. <i>Neonatology</i> , 2008, 94, 190-196.	2.0	164
123	Respiratory Disorders of the Newborn. , 2008, , 365-386.		0
124	Positive End-Expiratory Pressure and Tidal Volume During Initial Ventilation of Preterm Lambs. <i>Pediatric Research</i> , 2008, 64, 517-522.	2.3	69
125	Differential effect of recruitment manoeuvres on pulmonary blood flow and oxygenation during HFOV in preterm lambs. <i>Journal of Applied Physiology</i> , 2008, 105, 603-610.	2.5	23
126	Brief, Large Tidal Volume Ventilation Initiates Lung Injury and a Systemic Response in Fetal Sheep. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 575-581.	5.6	243



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127	Bubble Continuous Positive Airway Pressure Enhances Lung Volume and Gas Exchange in Preterm Lambs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 63-69.	5.6	137
128	An Official American Thoracic Society/European Respiratory Society Statement: Pulmonary Function Testing in Preschool Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 1304-1345.	5.6	1,033
129	Lung Function Tests in Neonates and Infants with Chronic Lung Disease of Infancy: Functional Residual Capacity. <i>Pediatric Pulmonology</i> , 2006, 41, 1-22.	2.0	69
130	Lung Function Tests in Neonates and Infants with Chronic Lung Disease: Global and Regional Ventilation Inhomogeneity. <i>Pediatric Pulmonology</i> , 2006, 41, 105-121.	2.0	72
131	Lung function tests in neonates and infants with chronic lung disease: Lung and chest-wall mechanics. <i>Pediatric Pulmonology</i> , 2006, 41, 291-317.	2.0	74
132	Lung-function tests in neonates and infants with chronic lung disease: Tidal breathing and respiratory control. <i>Pediatric Pulmonology</i> , 2006, 41, 391-419.	2.0	41
133	High-frequency oscillatory ventilation: Mechanisms of gas exchange and lung mechanics. <i>Critical Care Medicine</i> , 2005, 33, S135-S141.	0.9	186
134	Lung Function Testing in Acute Neonatal Respiratory Disorders and Chronic Lung Disease of Infancy: A Review Series. <i>Pediatric Pulmonology</i> , 2005, 40, 467-470.	2.0	15
135	Partitioning of Airway and Parenchymal Mechanics in Unsedated Newborn Infants. <i>Pediatric Research</i> , 2005, 58, 1210-1215.	2.3	29
136	Bubble CPAP: Is the Noise Important? An In Vitro Study. <i>Pediatric Research</i> , 2005, 57, 826-830.	2.3	58
137	Functional residual capacity measurements in healthy infants: ultrasonic flow meter versus a mass spectrometer. <i>European Respiratory Journal</i> , 2004, 23, 763-768.	6.7	48
138	Variability in preterm lamb lung mechanics after intra-amniotic endotoxin is associated with changes in surfactant pool size and morphometry. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L992-L998.	2.9	23
139	Effect of sighs on breathing memory and dynamics in healthy infants. <i>Journal of Applied Physiology</i> , 2004, 97, 1830-1839.	2.5	57
140	Monitoring of lung volume recruitment and derecruitment using oscillatory mechanics during high-frequency oscillatory ventilation in the preterm lamb. <i>Pediatric Critical Care Medicine</i> , 2004, 5, 172-180.	0.5	45
141	Progressive Decline in Plethysmographic Lung Volumes in Infants. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1003-1009.	5.6	69
142	Dependence of Intrapulmonary Pressure Amplitudes on Respiratory Mechanics during High-Frequency Oscillatory Ventilation in Preterm Lambs. <i>Pediatric Research</i> , 2002, 52, 538-544.	2.3	54
143	Dependence of Intrapulmonary Pressure Amplitudes on Respiratory Mechanics during High-Frequency Oscillatory Ventilation in Preterm Lambs. <i>Pediatric Research</i> , 2002, 52, 538-544.	2.3	4
144	Reliable tidal volume estimates at the airway opening with an infant monitor during high-frequency oscillatory ventilation. <i>Critical Care Medicine</i> , 2001, 29, 1925-1930.	0.9	64

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145	Alveolar Pressure and Delivered Volume are Dependent on Compliance during HFOV. Pediatric Research, 1999, 45, 316A-316A.	2.3	0
146	Enhanced cis-platinum ototoxicity in children with brain tumours who have received simultaneous or prior cranial irradiation. Medical and Pediatric Oncology, 1989, 17, 48-52.	1.0	85