

# Jane J Pillow

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132  
papers

5,112  
citations

39  
h-index

68  
g-index

150  
ext. papers

5,965  
ext. citations

5.5  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
132	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> , <b>2022</b> , 1-1	5.2	
131	Enteral Vitamin A for Reducing Severity of Bronchopulmonary Dysplasia: A Randomized Trial. <i>Pediatrics</i> , <b>2021</b> , 147,	7.4	11
130	The effect of human amnion epithelial cells on lung development and inflammation in preterm lambs exposed to antenatal inflammation. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253456	3.7	3
129	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> , <b>2021</b> , 9, 159-166	35.1	21
128	Lung abnormalities do not influence aerobic capacity in school children born preterm. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 489-498	3.4	0
127	Pulmonary Gas Exchange Improves over the First Year in Preterm Infants with and without Bronchopulmonary Dysplasia. <i>Neonatology</i> , <b>2021</b> , 118, 98-105	4	0
126	Aerosol drug delivery to spontaneously-breathing preterm neonates: lessons learned. <i>Respiratory Research</i> , <b>2021</b> , 22, 71	7.3	9
125	Simplified bedside assessment of pulmonary gas exchange in very preterm infants at 36 weeksS postmenstrual age. <i>Thorax</i> , <b>2021</b> , 76, 689-695	7.3	2
124	Effect of Enteral Vitamin A on Fecal Calprotectin in Extremely Preterm Infants: A Nested Prospective Observational Study. <i>Neonatology</i> , <b>2021</b> , 1-7	4	0
123	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> , <b>2021</b> ,	7	3
122	Saliva for Assessing Vitamin A Status in Extremely Preterm Infants: A Diagnostic Study. <i>Neonatology</i> , <b>2020</b> , 117, 365-368	4	2
121	Endocrine consequences of circadian rhythm disruption in early life. <i>Current Opinion in Endocrine and Metabolic Research</i> , <b>2020</b> , 11, 65-71	1.7	3
120	Ex Vivo MRI Analytical Methods and Brain Pathology in Preterm Lambs Treated with Postnatal Dexamethasone. <i>Brain Sciences</i> , <b>2020</b> , 10,	3.4	2
119	Electrostatic Filters to Reduce COVID-19 Spread in Bubble CPAP: An in vitro Study of Safety and Efficacy. <i>Neonatology</i> , <b>2020</b> , 117, 736-741	4	1
118	Association of Center-Specific Patient Volumes and Early Respiratory Management Practices with Death and Bronchopulmonary Dysplasia in Preterm Infants. <i>Journal of Pediatrics</i> , <b>2019</b> , 210, 63-68.e2	3.6	2
117	Regional distribution of chest wall displacements in infants during high-frequency ventilation. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 928-933	3.7	2
116	Physiology and Predictors of Impaired Gas Exchange in Infants with Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 471-480	10.2	24

115	Bronchopulmonary dysplasia: Pathophysiology and potential anti-inflammatory therapies. <i>Paediatric Respiratory Reviews</i> , <b>2019</b> , 30, 34-41	4.8	17
114	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> , <b>2019</b> , 104, F313-F319	4.7	65
113	Vitamin A supplementation for prevention of mortality and morbidity in moderate and late preterm infants. <i>The Cochrane Library</i> , <b>2019</b> ,	5.2	78
112	Bronchopulmonary dysplasia: Rationale for a pathophysiological rather than treatment based approach to diagnosis. <i>Paediatric Respiratory Reviews</i> , <b>2019</b> , 32, 91-97	4.8	20
111	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> , <b>2018</b> , 50, 468-471	3.1	1
110	Lung function trajectories throughout childhood in survivors of very preterm birth: a longitudinal cohort study. <i>The Lancet Child and Adolescent Health</i> , <b>2018</b> , 2, 350-359	14.5	68
109	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> , <b>2018</b> , 314, R523-R532	3.2	1
108	Increased prevalence of expiratory flow limitation during exercise in children with bronchopulmonary dysplasia. <i>ERJ Open Research</i> , <b>2018</b> , 4,	3.5	6
107	Vitamin A Protects the Preterm Lamb Diaphragm Against Adverse Effects of Mechanical Ventilation. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1119	4.6	3
106	End-inspiratory molar mass step correction for analysis of infant multiple breath washout tests. <i>Pediatric Pulmonology</i> , <b>2017</b> , 52, 10-13	3.5	2
105	Altered lung structure and function in mid-childhood survivors of very preterm birth. <i>Thorax</i> , <b>2017</b> , 72, 702-711	7.3	55
104	Constitutive Modelling of Lamb Aorta <b>2017</b> , 15-25		
103	Influence of antenatal glucocorticoid on preterm lamb diaphragm. <i>Pediatric Research</i> , <b>2017</b> , 82, 509-517	3.2	1
102	Enteral vitamin A for reducing severity of bronchopulmonary dysplasia in extremely preterm infants: a randomised controlled trial. <i>BMC Pediatrics</i> , <b>2017</b> , 17, 204	2.6	16
101	Lung ultrasound and neonatal ARDS: is Montreux closer to Berlin than to Kigali? - AuthorsSreply. <i>Lancet Respiratory Medicine</i> , <b>2017</b> , 5, e32	35.1	4
100	The Montreux definition of neonatal ARDS: biological and clinical background behind the description of a new entity. <i>Lancet Respiratory Medicine</i> , <b>2017</b> , 5, 657-666	35.1	106
99	Effect of frequency on pressure cost of ventilation and gas exchange in newborns receiving high-frequency oscillatory ventilation. <i>Pediatric Research</i> , <b>2017</b> , 82, 994-999	3.2	12
98	Optimization of Variable Ventilation for Physiology, Immune Response and Surfactant Enhancement in Preterm Lambs. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 425	4.6	9

97	Respiratory function and symptoms in young preterm children in the contemporary era. <i>Pediatric Pulmonology</i> , <b>2016</b> , 51, 1347-1355	3.5	26
96	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> , <b>2016</b> , 13, S1-11	4.7	17
95	Multiple breath washout cannot be used for tidal breath parameter analysis in infants. <i>Pediatric Pulmonology</i> , <b>2016</b> , 51, 531-40	3.5	7
94	Influence of respiratory dead space on lung clearance index in preterm infants. <i>Respiratory Physiology and Neurobiology</i> , <b>2016</b> , 223, 43-8	2.8	6
93	Efficacy of a new technique - INTubate-RECRUIT-SURfactant-Extubate - "IN-REC-SUR-E" - in preterm neonates with respiratory distress syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2016</b> , 17, 414	2.8	13
92	Oscillatory Ventilator Performance: What Does It Mean?. <i>Neonatology</i> , <b>2015</b> , 108, 229-32	4	2
91	Gestational age at initial exposure to in utero inflammation influences the extent of diaphragm dysfunction in preterm lambs. <i>Respirology</i> , <b>2015</b> , 20, 1255-62	3.6	3
90	A comparison of high-frequency jet ventilation and synchronised intermittent mandatory ventilation in preterm lambs. <i>Pediatric Pulmonology</i> , <b>2015</b> , 50, 1286-93	3.5	3
89	Multifrequency Oscillatory Ventilation in the Premature Lung: Effects on Gas Exchange, Mechanics, and Ventilation Distribution. <i>Anesthesiology</i> , <b>2015</b> , 123, 1394-403	4.3	16
88	Pressure-limited sustained inflation vs. gradual tidal inflations for resuscitation in preterm lambs. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 890-7	3.7	24
87	Influence of gestational age on dead space and alveolar ventilation in preterm infants ventilated with volume guarantee. <i>Neonatology</i> , <b>2015</b> , 107, 43-9	4	10
86	Interleukin-1 receptor antagonist protects against lipopolysaccharide induced diaphragm weakness in preterm lambs. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124390	3.7	7
85	Pressure- versus volume-limited sustained inflations at resuscitation of premature newborn lambs. <i>BMC Pediatrics</i> , <b>2014</b> , 14, 43	2.6	29
84	Effects of intra-amniotic lipopolysaccharide exposure on the fetal lamb lung as gestation advances. <i>Pediatric Research</i> , <b>2014</b> , 75, 500-6	3.2	5
83	Altered canonical Wingless-Int signaling in the ovine fetal lung after exposure to intra-amniotic lipopolysaccharide and antenatal betamethasone. <i>Pediatric Research</i> , <b>2014</b> , 75, 281-7	3.2	9
82	Effect of maternal steroid on developing diaphragm integrity. <i>PLoS ONE</i> , <b>2014</b> , 9, e93224	3.7	6
81	Clinical prediction models for bronchopulmonary dysplasia: a systematic review and external validation study. <i>BMC Pediatrics</i> , <b>2013</b> , 13, 207	2.6	56
80	Developmental regulation of molecular signalling in fetal and neonatal diaphragm protein metabolism. <i>Experimental Biology and Medicine</i> , <b>2013</b> , 238, 913-22	3.7	10

79	Consensus statement for inert gas washout measurement using multiple- and single- breath tests. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 507-22	13.6	449
78	In utero LPS exposure impairs preterm diaphragm contractility. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2013</b> , 49, 866-74	5.7	14
77	Developmental changes in diaphragm muscle function in the preterm and postnatal lamb. <i>Pediatric Pulmonology</i> , <b>2013</b> , 48, 640-8	3.5	11
76	Ureaplasma parvum serovar 3 multiple banded antigen size variation after chronic intra-amniotic infection/colonization. <i>PLoS ONE</i> , <b>2013</b> , 8, e62746	3.7	21
75	Lipopolysaccharide-induced weakness in the preterm diaphragm is associated with mitochondrial electron transport chain dysfunction and oxidative stress. <i>PLoS ONE</i> , <b>2013</b> , 8, e73457	3.7	15
74	Effects of intra-amniotic lipopolysaccharide and maternal betamethasone on brain inflammation in fetal sheep. <i>PLoS ONE</i> , <b>2013</b> , 8, e81644	3.7	30
73	Ontogeny of proteolytic signaling and antioxidant capacity in fetal and neonatal diaphragm. <i>Anatomical Record</i> , <b>2012</b> , 295, 864-71	2.1	10
72	Which continuous positive airway pressure system is best for the preterm infant with respiratory distress syndrome?. <i>Clinics in Perinatology</i> , <b>2012</b> , 39, 483-96	2.8	22
71	Long term respiratory consequences of intrauterine growth restriction. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2012</b> , 17, 92-8	3.7	62
70	Innovation in surfactant therapy II: surfactant administration by aerosolization. <i>Neonatology</i> , <b>2012</b> , 101, 337-44	4	73
69	LPS-induced chorioamnionitis and antenatal corticosteroids modulate Shh signaling in the ovine fetal lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2012</b> , 303, L778-87	5.8	40
68	Variable ventilation enhances ventilation without exacerbating injury in preterm lambs with respiratory distress syndrome. <i>Pediatric Research</i> , <b>2012</b> , 72, 384-92	3.2	9
67	Inflammation in utero exacerbates ventilation-induced brain injury in preterm lambs. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 481-9	3.7	35
66	Intra-amniotic LPS and antenatal betamethasone: inflammation and maturation in preterm lamb lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2012</b> , 302, L380-9	5.8	65
65	Impact of conventional breath inspiratory time during high-frequency jet ventilation in preterm lambs. <i>Neonatology</i> , <b>2012</b> , 101, 267-73	4	1
64	Ovine fetal thymus response to lipopolysaccharide-induced chorioamnionitis and antenatal corticosteroids. <i>PLoS ONE</i> , <b>2012</b> , 7, e38257	3.7	24
63	Antenatal exposure to chorioamnionitis affects lipid metabolism in 7-week-old sheep. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2012</b> , 3, 103-10	2.4	7
62	The role of the multiple banded antigen of Ureaplasma parvum in intra-amniotic infection: major virulence factor or decoy?. <i>PLoS ONE</i> , <b>2012</b> , 7, e29856	3.7	39

61	Pressure oscillation delivery to the lung: Computer simulation of neonatal breathing parameters. <i>Journal of Biomechanics</i> , <b>2011</b> , 44, 2649-58	2.9	1
60	IL-1 $\beta$ -mediated chorioamnionitis induces depletion of FoxP3 <sup>+</sup> cells and ileal inflammation in the ovine fetal gut. <i>PLoS ONE</i> , <b>2011</b> , 6, e18355	3.7	40
59	The cerebral critical oxygen threshold of ventilated preterm lambs and the influence of antenatal inflammation. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 775-81	3.7	18
58	Cardiopulmonary haemodynamics in lambs during induced capillary leakage immediately after preterm birth. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2011</b> , 38, 222-8	3	7
57	Fetal responses to lipopolysaccharide-induced chorioamnionitis alter immune and airway responses in 7-week-old sheep. <i>American Journal of Obstetrics and Gynecology</i> , <b>2011</b> , 204, 364.e17-24	6.4	24
56	Variable ventilation improves ventilation and lung compliance in preterm lambs. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1352-9	14.5	20
55	High positive end-expiratory pressure during high-frequency jet ventilation improves oxygenation and ventilation in preterm lambs. <i>Pediatric Research</i> , <b>2011</b> , 69, 319-24	3.2	15
54	Interleukin-1 in lipopolysaccharide induced chorioamnionitis in the fetal sheep. <i>Reproductive Sciences</i> , <b>2011</b> , 18, 1092-102	3	25
53	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> , <b>2011</b> , 301, L712-20	5.8	40
52	Inflammation and lung maturation from stretch injury in preterm fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2011</b> , 300, L232-41	5.8	68
51	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> , <b>2011</b> , 301, L285-95	5.8	33
50	Inflammation in fetal sheep from intra-amniotic injection of <i>Ureaplasma parvum</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2010</b> , 299, L852-60	5.8	54
49	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> , <b>2010</b> , 299, L232-41	5.8	28
48	Ventilation-mediated injury after preterm delivery of <i>Ureaplasma parvum</i> colonized fetal lambs. <i>Pediatric Research</i> , <b>2010</b> , 67, 630-5	3.2	21
47	Airway injury from initiating ventilation in preterm sheep. <i>Pediatric Research</i> , <b>2010</b> , 67, 60-5	3.2	65
46	Pulmonary and systemic expression of monocyte chemotactic proteins in preterm sheep fetuses exposed to lipopolysaccharide-induced chorioamnionitis. <i>Pediatric Research</i> , <b>2010</b> , 68, 210-5	3.2	22
45	Intrauterine inflammation causes pulmonary hypertension and cardiovascular sequelae in preterm lambs. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 1757-65	3.7	36
44	Bubble Continuous Positive Airway Pressure <b>2010</b> , 369-375		

43	Inhibitors of inflammation and endogenous surfactant pool size as modulators of lung injury with initiation of ventilation in preterm sheep. <i>Respiratory Research</i> , <b>2010</b> , 11, 151	7.3	24
42	Elective high-frequency oscillatory versus conventional ventilation in preterm infants: a systematic review and meta-analysis of individual patients data. <i>Lancet, The</i> , <b>2010</b> , 375, 2082-91	4.0	109
41	Anatomy and Physics of Respiration <b>2010</b> , 19-1-19-20		
40	Flow-cycled versus time-cycled synchronized ventilation for neonates. <i>The Cochrane Library</i> , <b>2010</b> , CD008246	3.2	3
39	Lung volume and ventilation inhomogeneity in preterm infants at 15-18 months corrected age. <i>Journal of Pediatrics</i> , <b>2010</b> , 156, 542-9.e2	3.6	31
38	The management of evolving bronchopulmonary dysplasia. <i>Paediatric Respiratory Reviews</i> , <b>2010</b> , 11, 143-8	4.8	20
37	Body temperature effects on lung injury in ventilated preterm lambs. <i>Resuscitation</i> , <b>2010</b> , 81, 749-54	4	34
36	Reproducibility of multiple breath washout indices in the unsedated preterm neonate. <i>Pediatric Pulmonology</i> , <b>2010</b> , 45, 62-70	3.5	14
35	IL-1 mediates pulmonary and systemic inflammatory responses to chorioamnionitis induced by lipopolysaccharide. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 179, 955-61	10.2	103
34	Lung and systemic inflammation in preterm lambs on continuous positive airway pressure or conventional ventilation. <i>Pediatric Research</i> , <b>2009</b> , 65, 67-71	3.2	48
33	Feasibility and short-term effects of biphasic positive airway pressure versus assist-control ventilation in preterm lambs. <i>Pediatric Research</i> , <b>2009</b> , 66, 665-70	3.2	
32	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> , <b>2009</b> , 297, L512-9	5.8	27
31	Association of prematurity, lung disease and body size with lung volume and ventilation inhomogeneity in unsedated neonates: a multicentre study. <i>Thorax</i> , <b>2009</b> , 64, 240-5	7.3	66
30	Betamethasone dose and formulation for induced lung maturation in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , <b>2009</b> , 201, 611.e1-7	6.4	31
29	Oxygen, temperature and humidity of inspired gases and their influences on airway and lung tissue in near-term lambs. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 2157-63	14.5	40
28	High and low body temperature during the initiation of ventilation for near-term lambs. <i>Resuscitation</i> , <b>2009</b> , 80, 133-7	4	8
27	Antenatal and postnatal corticosteroid and resuscitation induced lung injury in preterm sheep. <i>Respiratory Research</i> , <b>2009</b> , 10, 124	7.3	28
26	Cardiovascular and pulmonary consequences of airway recruitment in preterm lambs. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 1347-55	3.7	51

25	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> , <b>2009</b> , 296, L384-93	5.8	22
24	Injury and inflammation from resuscitation of the preterm infant. <i>Neonatology</i> , <b>2008</b> , 94, 190-6	4	134
23	Respiratory Disorders of the Newborn <b>2008</b> , 365-386		
22	Positive end-expiratory pressure and tidal volume during initial ventilation of preterm lambs. <i>Pediatric Research</i> , <b>2008</b> , 64, 517-22	3.2	56
21	Differential effect of recruitment manoeuvres on pulmonary blood flow and oxygenation during HFOV in preterm lambs. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 603-10	3.7	20
20	Nasal versus face mask for multiple-breath washout technique in preterm infants. <i>Pediatric Pulmonology</i> , <b>2008</b> , 43, 858-65	3.5	10
19	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> , <b>2007</b> , 175, 1304-45	10.2	812
18	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> , <b>2007</b> , 176, 575-81	10.2	209
17	Bubble continuous positive airway pressure enhances lung volume and gas exchange in preterm lambs. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 63-9	10.2	113
16	Lung function tests in neonates and infants with chronic lung disease of infancy: functional residual capacity. <i>Pediatric Pulmonology</i> , <b>2006</b> , 41, 1-22	3.5	60
15	Lung function tests in neonates and infants with chronic lung disease: global and regional ventilation inhomogeneity. <i>Pediatric Pulmonology</i> , <b>2006</b> , 41, 105-21	3.5	65
14	Lung function tests in neonates and infants with chronic lung disease: lung and chest-wall mechanics. <i>Pediatric Pulmonology</i> , <b>2006</b> , 41, 291-317	3.5	60
13	Lung-function tests in neonates and infants with chronic lung disease: tidal breathing and respiratory control. <i>Pediatric Pulmonology</i> , <b>2006</b> , 41, 391-419	3.5	35
12	High-frequency oscillatory ventilation: mechanisms of gas exchange and lung mechanics. <i>Critical Care Medicine</i> , <b>2005</b> , 33, S135-41	1.4	147
11	Lung function testing in acute neonatal respiratory disorders and chronic lung disease of infancy: a review series. <i>Pediatric Pulmonology</i> , <b>2005</b> , 40, 467-70	3.5	13
10	Partitioning of airway and parenchymal mechanics in unsedated newborn infants. <i>Pediatric Research</i> , <b>2005</b> , 58, 1210-5	3.2	24
9	Bubble CPAP: is the noise important? An in vitro study. <i>Pediatric Research</i> , <b>2005</b> , 57, 826-30	3.2	49
8	Functional residual capacity measurements in healthy infants: ultrasonic flow meter versus a mass spectrometer. <i>European Respiratory Journal</i> , <b>2004</b> , 23, 763-8	13.6	43

7	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> , <b>2004</b> , 287, L992-8	5.8	20
6	Effect of sighs on breathing memory and dynamics in healthy infants. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 1830-9	3.7	54
5	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> , <b>2004</b> , 5, 172-80	3.0	39
4	Progressive decline in plethysmographic lung volumes in infants: physiology or technology?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 168, 1003-9	10.2	60
3	Dependence of intrapulmonary pressure amplitudes on respiratory mechanics during high-frequency oscillatory ventilation in preterm lambs. <i>Pediatric Research</i> , <b>2002</b> , 52, 538-44	3.2	45
2	Reliable tidal volume estimates at the airway opening with an infant monitor during high-frequency oscillatory ventilation. <i>Critical Care Medicine</i> , <b>2001</b> , 29, 1925-30	1.4	53
1	Enhanced cis-platinum ototoxicity in children with brain tumours who have received simultaneous or prior cranial irradiation. <i>Medical and Pediatric Oncology</i> , <b>1989</b> , 17, 48-52		72