

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 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
2	Consensus statement for inert gas washout measurement using multiple- and single- breath tests. <i>European Respiratory Journal</i> , 2013, 41, 507-522.	6.7	631
3	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
4	The Montreux definition of neonatal ARDS: biological and clinical background behind the description of a new entity. <i>Lancet Respiratory Medicine</i> , 2017, 5, 657-666.	10.7	202
5	High-frequency oscillatory ventilation: Mechanisms of gas exchange and lung mechanics. <i>Critical Care Medicine</i> , 2005, 33, S135-S141.	0.9	186
6	Injury and Inflammation from Resuscitation of the Preterm Infant. <i>Neonatology</i> , 2008, 94, 190-196.	2.0	164
7	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
8	Elective high-frequency oscillatory versus conventional ventilation in preterm infants: a systematic review and meta-analysis of individual patients' data. <i>Lancet</i> , 2010, 375, 2082-2091.	13.7	135
9	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
10	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
11	Clinical prediction models for bronchopulmonary dysplasia: a systematic review and external validation study. <i>BMC Pediatrics</i> , 2013, 13, 207.	1.7	99
12	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
13	Altered lung structure and function in mid-childhood survivors of very preterm birth. <i>Thorax</i> , 2017, 72, 702-711.	5.6	93
14	Long term respiratory consequences of intrauterine growth restriction. <i>Seminars in Fetal and Neonatal Medicine</i> , 2012, 17, 92-98.	2.3	87
15	Enhanced cis-platinum ototoxicity in children with brain tumours who have received simultaneous or prior cranial irradiation. <i>Medical and Pediatric Oncology</i> , 1989, 17, 48-52.	1.0	85
16	Association of prematurity, lung disease and body size with lung volume and ventilation inhomogeneity in unselected neonates: a multicentre study. <i>Thorax</i> , 2009, 64, 240-245.	5.6	83
17	Innovation in Surfactant Therapy II: Surfactant Administration by Aerosolization. <i>Neonatology</i> , 2012, 101, 337-344.	2.0	83
18	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

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19	Airway Injury From Initiating Ventilation in Preterm Sheep. <i>Pediatric Research</i> , 2010, 67, 60-65.	2.3	79
20	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
21	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
22	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
23	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
24	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
25	Positive End-Expiratory Pressure and Tidal Volume During Initial Ventilation of Preterm Lambs. <i>Pediatric Research</i> , 2008, 64, 517-522.	2.3	69
26	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
27	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
28	Bubble CPAP: Is the Noise Important? An In Vitro Study. <i>Pediatric Research</i> , 2005, 57, 826-830.	2.3	58
29	Effect of sighs on breathing memory and dynamics in healthy infants. <i>Journal of Applied Physiology</i> , 2004, 97, 1830-1839.	2.5	57
30	Cardiovascular and pulmonary consequences of airway recruitment in preterm lambs. <i>Journal of Applied Physiology</i> , 2009, 106, 1347-1355.	2.5	57
31	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
32	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
33	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
34	Functional residual capacity measurements in healthy infants: ultrasonic flow meters versus a mass spectrometer. <i>European Respiratory Journal</i> , 2004, 23, 763-768.	6.7	48
35	IL-1 β 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
36	Respiratory function and symptoms in young preterm children in the contemporary era. <i>Pediatric Pulmonology</i> , 2016, 51, 1347-1355.	2.0	47

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37	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
38	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> , 2012, 303, L778-L787.	2.9	45
39	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
40	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
41	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
42	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
43	Intrauterine inflammation causes pulmonary hypertension and cardiovascular sequelae in preterm lambs. <i>Journal of Applied Physiology</i> , 2010, 108, 1757-1765.	2.5	40
44	Pulmonary and systemic inflammatory responses to intra-amniotic IL-1 β in fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L285-L295.	2.9	40
45	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
46	Inflammation in utero exacerbates ventilation-induced brain injury in preterm lambs. <i>Journal of Applied Physiology</i> , 2012, 112, 481-489.	2.5	39
47	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
48	Body temperature effects on lung injury in ventilated preterm lambs. <i>Resuscitation</i> , 2010, 81, 749-754.	3.0	38
49	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
50	Effects of Intra-Amniotic Lipopolysaccharide and Maternal Betamethasone on Brain Inflammation in Fetal Sheep. <i>PLoS ONE</i> , 2013, 8, e81644.	2.5	37
51	Pressure- versus volume-limited sustained inflations at resuscitation of premature newborn lambs. <i>BMC Pediatrics</i> , 2014, 14, 43.	1.7	36
52	Antenatal and postnatal corticosteroid and resuscitation induced lung injury in preterm sheep. <i>Respiratory Research</i> , 2009, 10, 124.	3.6	33
53	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
54	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

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55	Interleukin-1 in Lipopolysaccharide Induced Chorioamnionitis in the Fetal Sheep. <i>Reproductive Sciences</i> , 2011, 18, 1092-1102.	2.5	31
56	Bronchopulmonary dysplasia: Pathophysiology and potential anti-inflammatory therapies. <i>Paediatric Respiratory Reviews</i> , 2019, 30, 34-41.	1.8	31
57	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
58	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
59	Partitioning of Airway and Parenchymal Mechanics in Unsedated Newborn Infants. <i>Pediatric Research</i> , 2005, 58, 1210-1215.	2.3	29
60	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
61	Aerosol drug delivery to spontaneously-breathing preterm neonates: lessons learned. <i>Respiratory Research</i> , 2021, 22, 71.	3.6	29
62	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
63	Ovine Fetal Thymus Response to Lipopolysaccharide-Induced Chorioamnionitis and Antenatal Corticosteroids. <i>PLoS ONE</i> , 2012, 7, e38257.	2.5	28
64	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
65	The management of evolving bronchopulmonary dysplasia. <i>Paediatric Respiratory Reviews</i> , 2010, 11, 143-148.	1.8	26
66	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
67	Multifrequency Oscillatory Ventilation in the Premature Lung. <i>Anesthesiology</i> , 2015, 123, 1394-1403.	2.5	25
68	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
69	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
70	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
71	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
72	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

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73	Ventilation-Mediated Injury After Preterm Delivery of Ureaplasma parvum Colonized Fetal Lambs. <i>Pediatric Research</i> , 2010, 67, 630-635.	2.3	23
74	Variable ventilation improves ventilation and lung compliance in preterm lambs. <i>Intensive Care Medicine</i> , 2011, 37, 1352-1359.	8.2	23
75	Enteral Vitamin A for Reducing Severity of Bronchopulmonary Dysplasia: A Randomized Trial. <i>Pediatrics</i> , 2021, 147, e2020009985.	2.1	23
76	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
77	Ureaplasma parvum Serovar 3 Multiple Banded Antigen Size Variation after Chronic Intra-Amniotic Infection/Colonization. <i>PLoS ONE</i> , 2013, 8, e62746.	2.5	21
78	Lipopolysaccharide-Induced Weakness in the Preterm Diaphragm Is Associated with Mitochondrial Electron Transport Chain Dysfunction and Oxidative Stress. <i>PLoS ONE</i> , 2013, 8, e73457.	2.5	19
79	Tidal volume, recruitment and compliance in HFOV: same principles, different frequency: Figure 1â€œ. <i>European Respiratory Journal</i> , 2012, 40, 291-293.	6.7	18
80	<i>In Utero</i> LPS Exposure Impairs Preterm Diaphragm Contractility. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 866-874.	2.9	18
81	Efficacy of a new technique â€œ INTubate-RECRUIT-SURfactant-Extubate â€œ â€œIN-REC-SUR-Eâ€œ in preterm neonates with respiratory distress syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 414.	1.6	18
82	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
83	Reproducibility of multiple breath washout indices in the unsedated preterm neonate. <i>Pediatric Pulmonology</i> , 2010, 45, 62-70.	2.0	17
84	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
85	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
86	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
87	Developmental changes in diaphragm muscle function in the preterm and postnatal lamb. <i>Pediatric Pulmonology</i> , 2013, 48, 640-648.	2.0	15
88	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
89	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
90	Variable ventilation enhances ventilation without exacerbating injury in preterm lambs with respiratory distress syndrome. <i>Pediatric Research</i> , 2012, 72, 384-392.	2.3	12

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91	Developmental regulation of molecular signalling in fetal and neonatal diaphragm protein metabolism. <i>Experimental Biology and Medicine</i> , 2013, 238, 913-922.	2.4	12
92	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
93	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
94	Ontogeny of Proteolytic Signaling and Antioxidant Capacity in Fetal and Neonatal Diaphragm. <i>Anatomical Record</i> , 2012, 295, 864-871.	1.4	11
95	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
96	Interleukin-1 Receptor Antagonist Protects against Lipopolysaccharide Induced Diaphragm Weakness in Preterm Lambs. <i>PLoS ONE</i> , 2015, 10, e0124390.	2.5	11
97	Nasal versus face mask for multiple breath washout technique in preterm infants. <i>Pediatric Pulmonology</i> , 2008, 43, 858-865.	2.0	10
98	Altered canonical Wingless-Int signaling in the ovine fetal lung after exposure to intra-amniotic lipopolysaccharide and antenatal betamethasone. <i>Pediatric Research</i> , 2014, 75, 281-287.	2.3	10
99	High and low body temperature during the initiation of ventilation for near-term lambs. <i>Resuscitation</i> , 2009, 80, 133-137.	3.0	9
100	Lung ultrasound and neonatal ARDS: is Montreux closer to Berlin than to Kigali? "Authors' reply. <i>Lancet Respiratory Medicine</i> , 2017, 5, e32.	10.7	9
101	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
102	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
103	Multiple breath washout cannot be used for tidal breath parameter analysis in infants. <i>Pediatric Pulmonology</i> , 2016, 51, 531-540.	2.0	8
104	Effect of Maternal Steroid on Developing Diaphragm Integrity. <i>PLoS ONE</i> , 2014, 9, e93224.	2.5	8
105	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
106	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
107	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
108	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

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109	Flow-cycled versus time-cycled synchronized ventilation for neonates. The Cochrane Library, 2010, , CD008246.	2.8	5
110	Effects of intra-amniotic lipopolysaccharide exposure on the fetal lamb lung as gestation advances. Pediatric Research, 2014, 75, 500-506.	2.3	5
111	Endocrine consequences of circadian rhythm disruption in early life. Current Opinion in Endocrine and Metabolic Research, 2020, 11, 65-71.	1.4	5
112	Ex Vivo MRI Analytical Methods and Brain Pathology in Preterm Lambs Treated with Postnatal Dexamethasone. Brain Sciences, 2020, 10, 211.	2.3	5
113	Impact of Conventional Breath Inspiratory Time during High-Frequency Jet Ventilation in Preterm Lambs. Neonatology, 2012, 101, 267-273.	2.0	4
114	Gestational age at initial exposure to <i>in utero</i> inflammation influences the extent of diaphragm dysfunction in preterm lambs. Respirology, 2015, 20, 1255-1262.	2.3	4
115	Vitamin A Protects the Preterm Lamb Diaphragm Against Adverse Effects of Mechanical Ventilation. Frontiers in Physiology, 2018, 9, 1119.	2.8	4
116	Association of Center-Specific Patient Volumes and Early Respiratory Management Practices with Death and Bronchopulmonary Dysplasia in Preterm Infants. Journal of Pediatrics, 2019, 210, 63-68.e2.	1.8	4
117	Dependence of Intrapulmonary Pressure Amplitudes on Respiratory Mechanics during High-Frequency Oscillatory Ventilation in Preterm Lambs. Pediatric Research, 2002, 52, 538-544.	2.3	4
118	Pulmonary Gas Exchange Improves over the First Year in Preterm Infants with and without Bronchopulmonary Dysplasia. Neonatology, 2021, 118, 98-105.	2.0	3
119	An Implantable Electronic Device for Monitoring Fetal Lung Pressure in a Lamb Model of Congenital Diaphragmatic Hernia. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	3
120	Pressure oscillation delivery to the lung: Computer simulation of neonatal breathing parameters. Journal of Biomechanics, 2011, 44, 2649-2658.	2.1	2
121	Oscillatory Ventilator Performance: What Does It Mean?. Neonatology, 2015, 108, 229-232.	2.0	2
122	End-inspiratory molar mass step correction for analysis of infant multiple breath washout tests. Pediatric Pulmonology, 2017, 52, 10-13.	2.0	2
123	Influence of antenatal glucocorticoid on preterm lamb diaphragm. Pediatric Research, 2017, 82, 509-517.	2.3	2
124	Regional distribution of chest wall displacements in infants during high-frequency ventilation. Journal of Applied Physiology, 2019, 126, 928-933.	2.5	2
125	Saliva for Assessing Vitamin A Status in Extremely Preterm Infants: A Diagnostic Study. Neonatology, 2020, 117, 365-368.	2.0	2
126	Environmental exposure and parental collection does not affect detection or semi-quantitative load assessment of bacteria in nasal swab specimens from children. Infectious Diseases, 2018, 50, 468-471.	2.8	1

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127	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
128	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
129	Lung mechanics, airway reactivity, and muscularization are altered in former mechanically ventilated preterm lambs. , 2018, , .		1
130	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
131	Respiratory Disorders of the Newborn. , 2008, , 365-386.		0
132	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
133	Anatomy and Physics of Respiration. , 2010, , 19-1-19-20.		0
134	Bubble Continuous Positive Airway Pressure. , 2010, , 369-375.		0
135	Constitutive Modelling of Lamb Aorta. , 2017, , 15-25.		0
136	Vitamin A supplementation for prevention of mortality and morbidity in moderate and late preterm infants. <i>The Cochrane Library</i> , 2019, , .	2.8	0
137	Alveolar Pressure and Delivered Volume are Dependent on Compliance during HFOV. <i>Pediatric Research</i> , 1999, 45, 316A-316A.	2.3	0
138	Longitudinal lung function in school-age children born very preterm. , 2015, , .		0
139	Structural abnormalities do not explain the reduced exercise capacity in preterm children. , 2015, , .		0
140	Exhaled breath condensate: Measuring inflammation and oxidative stress in preterm infants. , 2016, , .		0
141	Ontogeny of the ovine airway wall from late gestation to adulthood. , 2016, , .		0
142	Shift in very preterm infants with oxyhaemoglobin saturation >94% in room air. , 2017, , .		0
143	Low-frequency oscillatory mechanics in very preterm infants with and without Bronchopulmonary Dysplasia. , 2017, , .		0
144	Postnatal steroids in preterm lambs: long term impact on lung mechanics and respiratory control. , 2017, , .		0

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145	Is early oxygen uptake recovery altered in children born very preterm?. , 2017, , .		0
146	Environmental exposure does not affect pathogenic detection in nasal specimens. , 2017, , .		0