

Alan H Jobe

List of Publications by Citations

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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.

196
papers

6,636
citations

41
h-index

74
g-index

234
ext. papers

8,153
ext. citations

4.6
avg. IF

6.37
L-index

#	Paper	IF	Citations
196	The new bronchopulmonary dysplasia. <i>Current Opinion in Pediatrics</i> , 2011 , 23, 167-72	3.2	379
195	Bronchopulmonary Dysplasia: Executive Summary of a Workshop. <i>Journal of Pediatrics</i> , 2018 , 197, 300-308	3.8	264
194	Physiology of transition from intrauterine to extrauterine life. <i>Clinics in Perinatology</i> , 2012 , 39, 769-83	2.8	210
193	Bronchopulmonary dysplasia. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 78	51.1	205
192	A population-based, multifaceted strategy to implement antenatal corticosteroid treatment versus standard care for the reduction of neonatal mortality due to preterm birth in low-income and middle-income countries: the ACT cluster-randomised trial. <i>Lancet, The</i> , 2015 , 385, 629-639	40	196
191	Prenatal inflammation and lung development. <i>Seminars in Fetal and Neonatal Medicine</i> , 2009 , 14, 2-7	3.7	185
190	The placental membrane microbiome is altered among subjects with spontaneous preterm birth with and without chorioamnionitis. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 214, 627.e1-627.e16	6.4	175
189	Decreased indicators of lung injury with continuous positive expiratory pressure in preterm lambs. <i>Pediatric Research</i> , 2002 , 52, 387-92	3.2	169
188	Choice and dose of corticosteroid for antenatal treatments. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 190, 878-81	6.4	168
187	Intra-amniotic endotoxin: chorioamnionitis precedes lung maturation in preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001 , 280, L527-36	5.8	160
186	Comparisons and Limitations of Current Definitions of Bronchopulmonary Dysplasia for the Prematurity and Respiratory Outcomes Program. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 1822-30	4.7	158
185	Fetal versus maternal and gestational age effects of repetitive antenatal glucocorticoids. <i>Pediatrics</i> , 1998 , 102, 1116-25	7.4	151
184	Tidal volume effects on surfactant treatment responses with the initiation of ventilation in preterm lambs. <i>Journal of Applied Physiology</i> , 1997 , 83, 1054-61	3.7	149
183	Injury and inflammation from resuscitation of the preterm infant. <i>Neonatology</i> , 2008 , 94, 190-6	4	134
182	Mechanisms of Lung Injury and Bronchopulmonary Dysplasia. <i>American Journal of Perinatology</i> , 2016 , 33, 1076-8	3.3	120
181	Antenatal factors and the development of bronchopulmonary dysplasia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2003 , 8, 9-17		119
180	A prospective study of maternal, fetal and neonatal deaths in low- and middle-income countries. <i>Bulletin of the World Health Organization</i> , 2014 , 92, 605-12	8.2	113

179	Bronchopulmonary Dysplasia and Perinatal Characteristics Predict 1-Year Respiratory Outcomes in Newborns Born at Extremely Low Gestational Age: A Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2017 , 187, 89-97.e3	3.6	108
178	Maternal, but not fetal, administration of corticosteroids restricts fetal growth. <i>The Journal of Maternal-fetal Medicine</i> , 1999 , 8, 81-7		88
177	Lung Gene Expression Analysis (LGEA): an integrative web portal for comprehensive gene expression data analysis in lung development. <i>Thorax</i> , 2017 , 72, 481-484	7.3	85
176	Fetal immune response to chorioamnionitis. <i>Seminars in Reproductive Medicine</i> , 2014 , 32, 56-67	1.4	82
175	Intra-amniotic endotoxin increases pulmonary surfactant proteins and induces SP-B processing in fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001 , 280, L279-85	5.8	82
174	Surfactant metabolism in SP-D gene-targeted mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 279, L468-76	5.8	80
173	Surfactant protein-B supplementation improves in vivo function of a modified natural surfactant. <i>Pediatric Research</i> , 1995 , 37, 271-6	3.2	79
172	Chronic Pulmonary Insufficiency of Prematurity: Developing Optimal Endpoints for Drug Development. <i>Journal of Pediatrics</i> , 2017 , 191, 15-21.e1	3.6	71
171	Antenatal corticosteroids: an assessment of anticipated benefits and potential risks. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 219, 62-74	6.4	70
170	Effects of chorioamnionitis on the fetal lung. <i>Clinics in Perinatology</i> , 2012 , 39, 441-57	2.8	65
169	Long term consequences of oxygen therapy in the neonatal period. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010 , 15, 230-5	3.7	57
168	Antenatal associations with lung maturation and infection. <i>Journal of Perinatology</i> , 2005 , 25 Suppl 2, S31-5	3.1	57
167	Antenatal corticosteroids beyond 34 weeks gestation: What do we do how?. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 215, 423-30	6.4	56
166	Intra-amniotic IL-1 β induces fetal inflammation in rhesus monkeys and alters the regulatory T cell/IL-17 balance. <i>Journal of Immunology</i> , 2013 , 191, 1102-9	5.3	56
165	Mortality and pulmonary outcomes of extremely preterm infants exposed to antenatal corticosteroids. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 130.e1-130.e13	6.4	54
164	IL-4 increases surfactant and regulates metabolism in vivo. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 278, L75-80	5.8	52
163	Lung morphometry and collagen and elastin content: changes during normal development and after prenatal hormone exposure in sheep. <i>Pediatric Research</i> , 1999 , 45, 615-25	3.2	52
162	Animal Models, Learning Lessons to Prevent and Treat Neonatal Chronic Lung Disease. <i>Frontiers in Medicine</i> , 2015 , 2, 49	4.9	50

161	Differential effects of maternal betamethasone and cortisol on lung maturation and growth in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 188, 22-8	6.4	49
160	Can We Define Bronchopulmonary Dysplasia?. <i>Journal of Pediatrics</i> , 2017 , 188, 19-23	3.6	48
159	Postnatal cardiovascular and metabolic responses to a single intramuscular dose of betamethasone in fetal sheep born prematurely by cesarean section. <i>Pediatric Research</i> , 1995 , 38, 709-15	3.2	47
158	Chorioamnionitis, neuroinflammation, and injury: timing is key in the preterm ovine fetus. <i>Journal of Neuroinflammation</i> , 2018 , 15, 113	10.1	43
157	The respiratory course of extremely preterm infants: a dilemma for diagnosis and terminology. <i>Journal of Pediatrics</i> , 2012 , 161, 585-8	3.6	43
156	Postnatal corticosteroids for bronchopulmonary dysplasia. <i>Clinics in Perinatology</i> , 2009 , 36, 177-88	2.8	41
155	Gestational effects of corticosteroids and surfactant in ventilated rabbits. <i>Pediatric Research</i> , 1989 , 25, 32-7	3.2	41
154	Lung injury and surfactant metabolism after hyperventilation of premature lambs. <i>Pediatric Research</i> , 2000 , 47, 398-404	3.2	41
153	Neutrophil recruitment and activation in decidua with intra-amniotic IL-1beta in the preterm rhesus macaque. <i>Biology of Reproduction</i> , 2015 , 92, 56	3.9	39
152	Effect of chorioamnionitis on regulatory T cells in moderate/late preterm neonates. <i>Human Immunology</i> , 2015 , 76, 65-73	2.3	39
151	Macrophage and type II cell catabolism of SP-A and saturated phosphatidylcholine in mouse lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001 , 280, L1266-72	5.8	39
150	IL-1 signaling mediates intrauterine inflammation and chorio-decidua neutrophil recruitment and activation. <i>JCI Insight</i> , 2018 , 3,	9.9	39
149	Lipopolysaccharide-Induced Chorioamnionitis Promotes IL-1-Dependent Inflammatory FOXP3+ CD4+ T Cells in the Fetal Rhesus Macaque. <i>Journal of Immunology</i> , 2016 , 196, 3706-15	5.3	39
148	Maternal intravenous treatment with either azithromycin or solithromycin clears <i>Ureaplasma parvum</i> from the amniotic fluid in an ovine model of intrauterine infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 5413-20	5.9	38
147	Prenatal and Perinatal Determinants of Lung Health and Disease in Early Life: A National Heart, Lung, and Blood Institute Workshop Report. <i>JAMA Pediatrics</i> , 2016 , 170, e154577	8.3	34
146	Antenatal corticosteroids for women at risk of imminent preterm birth in low-resource countries: the case for equipoise and the need for efficacy trials. <i>BMJ Global Health</i> , 2017 , 2, e000398	6.6	33
145	Clearance of large amounts of natural surfactants and liposomes of dipalmitoylphosphatidylcholine from the lungs of rabbits. <i>Experimental Lung Research</i> , 1985 , 9, 221-35	2.3	33
144	Antenatal glucocorticoids alter postnatal preterm lamb renal and cardiovascular responses to intravascular volume expansion. <i>Pediatric Research</i> , 2000 , 47, 622-7	3.2	32

143	Successful maintenance of key physiological parameters in preterm lambs treated with ex vivo uterine environment therapy for a period of 1 week. <i>American Journal of Obstetrics and Gynecology</i> , 2017 , 217, 457.e1-457.e13	6.4	31
142	Betamethasone dose and formulation for induced lung maturation in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 201, 611.e1-7	6.4	31
141	Postnatal lung function after prenatal steroid treatment in sheep: effect of gender. <i>Pediatric Research</i> , 1997 , 42, 885-92	3.2	31
140	Effects of intra-amniotic lipopolysaccharide and maternal betamethasone on brain inflammation in fetal sheep. <i>PLoS ONE</i> , 2013 , 8, e81644	3.7	30
139	Low-dose betamethasone-acetate for fetal lung maturation in preterm sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 132.e1-132.e9	6.4	29
138	Tolerance of SP-A-deficient mice to hyperoxia or exercise. <i>Journal of Applied Physiology</i> , 2000 , 89, 644-8	3.7	29
137	Single dose versus two doses of betamethasone for lung maturation in preterm rabbits. <i>Pediatric Research</i> , 1993 , 33, 256-60	3.2	29
136	Mechanisms to explain surfactant responses. <i>Neonatology</i> , 2006 , 89, 298-302	4	28
135	Lung maturation: the survival miracle of very low birth weight infants. <i>Pediatrics and Neonatology</i> , 2010 , 51, 7-13	1.8	27
134	Repeated maternal intramuscular or intraamniotic erythromycin incompletely resolves intrauterine <i>Ureaplasma parvum</i> infection in a sheep model of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 134.e1-9	6.4	26
133	Betamethasone for lung maturation: testing dose and formulation in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 197, 523.e1-6	6.4	26
132	Single dose fetal betamethasone administration stabilizes postnatal glomerular filtration rate and alters endocrine function in premature lambs. <i>Pediatric Research</i> , 1996 , 40, 645-51	3.2	26
131	Intra-amniotic LPS causes acute neuroinflammation in preterm rhesus macaques. <i>Journal of Neuroinflammation</i> , 2016 , 13, 238	10.1	26
130	Developmental and glucocorticoid regulation of surfactant protein mRNAs in preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 277, L1142-8	5.8	25
129	Maternofetal pharmacokinetics and fetal lung responses in chronically catheterized sheep receiving constant, low-dose infusions of betamethasone phosphate. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 215, 775.e1-775.e12	6.4	24
128	Neonatal regulatory T cells have reduced capacity to suppress dendritic cell function. <i>European Journal of Immunology</i> , 2015 , 45, 2582-92	6.1	24
127	Antenatal glucocorticoids alter premature newborn lamb neuroendocrine and endocrine responses to hypoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R830-8	3.2	24
126	Intra-amniotic <i>Ureaplasma parvum</i> -Induced Maternal and Fetal Inflammation and Immune Responses in Rhesus Macaques. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1597-1604	7	24

125	The efficacy of antenatal steroid therapy is dependent on the duration of low-concentration fetal exposure: evidence from a sheep model of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 219, 301.e1-301.e16	6.4	24
124	The Antenatal Corticosteroids Trial (ACT)® explanations for neonatal mortality - a secondary analysis. <i>Reproductive Health</i> , 2016 , 13, 62	3.5	22
123	Global network for women® and children® health research: a system for low-resource areas to determine probable causes of stillbirth, neonatal, and maternal death. <i>Maternal Health, Neonatology and Perinatology</i> , 2015 , 1, 11	3.4	22
122	Antenatal dexamethasone vs. betamethasone dosing for lung maturation in fetal sheep. <i>Pediatric Research</i> , 2017 , 81, 496-503	3.2	21
121	Sustained inflation at birth did not alter lung injury from mechanical ventilation in surfactant-treated fetal lambs. <i>PLoS ONE</i> , 2014 , 9, e113473	3.7	21
120	Animal models of antenatal corticosteroids: clinical implications. <i>Clinical Obstetrics and Gynecology</i> , 2003 , 46, 174-89	1.7	21
119	Surfactant protein C in fetal and ventilated preterm rabbit lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 277, L1104-8	5.8	21
118	Pharmacokinetics and Pharmacodynamics of Intramuscular and Oral Betamethasone and Dexamethasone in Reproductive Age Women in India. <i>Clinical and Translational Science</i> , 2020 , 13, 391-399	4.9	21
117	Optimizing antenatal corticosteroid therapy. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019 , 24, 176-181	3.7	20
116	Surfactant protein-C in ventilated premature lamb lung. <i>Pediatric Research</i> , 1998 , 44, 860-4	3.2	20
115	Acute Responses to Diuretic Therapy in Extremely Low Gestational Age Newborns: Results from the Prematurity and Respiratory Outcomes Program Cohort Study. <i>Journal of Pediatrics</i> , 2018 , 197, 42-47.e1	3.6	19
114	Repetitive prenatal glucocorticoids increase lung endothelial nitric oxide synthase expression in ovine fetuses delivered at term. <i>Pediatric Research</i> , 2000 , 48, 75-83	3.2	19
113	Dosing and formulation of antenatal corticosteroids for fetal lung maturation and gene expression in rhesus macaques. <i>Scientific Reports</i> , 2019 , 9, 9039	4.9	18
112	Effects of budesonide and surfactant in preterm fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 315, L193-L201	5.8	18
111	Pro-inflammatory immune responses in leukocytes of premature infants exposed to maternal chorioamnionitis or funisitis. <i>Pediatric Research</i> , 2017 , 81, 384-390	3.2	18
110	[Adrenal epinephrine and the regulation of pulmonary surfactant release in neonatal rabbits]. <i>Experimental Lung Research</i> , 1984 , 7, 177-86	2.3	18
109	Respiratory Medications in Infants . <i>Journal of Pediatrics</i> , 2019 , 208, 148-155.e3	3.6	17
108	Outside-in? Acute fetal systemic inflammation in very preterm chronically catheterized sheep fetuses is not driven by cells in the fetal blood. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 214, 281.e1-281.e10	6.4	17

107	Intrauterine <i>Candida albicans</i> infection elicits severe inflammation in fetal sheep. <i>Pediatric Research</i> , 2014 , 75, 716-22	3.2	17
106	A risk of sensory deprivation in the neonatal intensive care unit. <i>Journal of Pediatrics</i> , 2014 , 164, 1265-7	3.6	17
105	Surfactant plus budesonide decreases lung and systemic inflammation in mechanically ventilated preterm sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L888-L893	5.8	16
104	Maternal intravenous administration of azithromycin results in significant fetal uptake in a sheep model of second trimester pregnancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 6581-91	5.9	16
103	Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. <i>JCI Insight</i> , 2020 , 5,	9.9	16
102	Pulmonary Morbidity in Infancy after Exposure to Chorioamnionitis in Late Preterm Infants. <i>Annals of the American Thoracic Society</i> , 2016 , 13, 867-76	4.7	16
101	Lack of Evidence for Microbiota in the Placental and Fetal Tissues of Rhesus Macaques. <i>MSphere</i> , 2020 , 5,	5	15
100	"Miracle" extremely low birth weight neonates: examples of developmental plasticity. <i>Obstetrics and Gynecology</i> , 2010 , 116, 1184-90	4.9	15
99	Surfactant phospholipid catabolic rate is pool size dependent in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 279, L842-8	5.8	15
98	Exogenous surfactant changes the phenotype of alveolar macrophages in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001 , 280, L689-94	5.8	15
97	Surfactant inhibition by plasma: gestational age and surfactant treatment effects in preterm lambs. <i>Journal of Applied Physiology</i> , 1996 , 81, 2517-22	3.7	15
96	Clearance of natural surfactant phosphatidylcholine from 3-day-old rabbit lungs: effects of dose and species. <i>Pediatric Research</i> , 1986 , 20, 1139-42	3.2	15
95	Reducing neonatal mortality associated with preterm birth: gaps in knowledge of the impact of antenatal corticosteroids on preterm birth outcomes in low-middle income countries. <i>Reproductive Health</i> , 2016 , 13, 61	3.5	14
94	Ventilation-induced increases in EGFR ligand mRNA are not altered by intra-amniotic LPS or ureaplasma in preterm lambs. <i>PLoS ONE</i> , 2014 , 9, e96087	3.7	14
93	Oral, nasal and pharyngeal exposure to lipopolysaccharide causes a fetal inflammatory response in sheep. <i>PLoS ONE</i> , 2015 , 10, e0119281	3.7	14
92	Responses of the spleen to intraamniotic lipopolysaccharide exposure in fetal sheep. <i>Pediatric Research</i> , 2015 , 77, 29-35	3.2	13
91	CCSP deficiency does not alter surfactant homeostasis during adenoviral infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 277, L983-7	5.8	13
90	TNF-Signaling Modulates Neutrophil-Mediated Immunity at the Feto-Maternal Interface During LPS-Induced Intrauterine Inflammation. <i>Frontiers in Immunology</i> , 2020 , 11, 558	8.4	13

89	Bronchopulmonary Dysplasia: A Continuum of Lung Disease from the Fetus to the Adult. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 659-660	10.2	12
88	Fluconazole treatment of intrauterine <i>Candida albicans</i> infection in fetal sheep. <i>Pediatric Research</i> , 2015 , 77, 740-8	3.2	12
87	Damage-Associated Molecular Pattern and Fetal Membrane Vascular Injury and Collagen Disorganization in Lipopolysaccharide-Induced Intra-amniotic Inflammation in Fetal Sheep. <i>Reproductive Sciences</i> , 2016 , 23, 69-80	3	12
86	Tidal Breathing Measurements at Discharge and Clinical Outcomes in Extremely Low Gestational Age Neonates. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 1311-1319	4.7	12
85	Decreased Indicators of Lung Injury with Continuous Positive Expiratory Pressure in Preterm Lambs		12
84	Extremely preterm fetal sheep lung responses to antenatal steroids and inflammation. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 349.e1-349.e10	6.4	11
83	Brief mechanical ventilation causes differential epithelial repair along the airways of fetal, preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L412-20	5.8	11
82	Efficacy and safety of antenatal steroids. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R825-R839	3.2	11
81	Pathogenesis of respiratory failure in the preterm infant. <i>Annals of Medicine</i> , 1991 , 23, 687-91	1.5	11
80	Vascular to alveolar leak of iron dextran (120 kD) in the immature ventilated rabbit lung. <i>Pediatric Research</i> , 1989 , 25, 130-5	3.2	11
79	Antenatal Corticosteroids-A Concern for Lifelong Outcomes. <i>Journal of Pediatrics</i> , 2020 , 217, 184-188	3.6	11
78	Fetal inflammation associated with minimal acute morbidity in moderate/late preterm infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016 , 101, F513-F519	4.7	11
77	Evaluating WHO-Recommended Interventions for Preterm Birth: A Mathematical Model of the Potential Reduction of Preterm Mortality in Sub-Saharan Africa. <i>Global Health, Science and Practice</i> , 2019 , 7, 215-227	2.8	11
76	Fetal surgery for myelomeningocele. <i>New England Journal of Medicine</i> , 2002 , 347, 230-1	59.2	10
75	Surfactant plus budesonide decreases lung and systemic responses to injurious ventilation in preterm sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L41-L48	5.8	10
74	Intrauterine <i>Candida albicans</i> Infection Causes Systemic Fetal Candidiasis With Progressive Cardiac Dysfunction in a Sheep Model of Early Pregnancy. <i>Reproductive Sciences</i> , 2017 , 24, 77-84	3	9
73	Altered canonical Wnt signaling in the ovine fetal lung after exposure to intra-amniotic lipopolysaccharide and antenatal betamethasone. <i>Pediatric Research</i> , 2014 , 75, 281-7	3.2	9
72	The multiple negative randomized controlled trials in perinatology--why?. <i>Seminars in Perinatology</i> , 2003 , 27, 343-50	3.3	9

71	Direct fetal glucocorticoid treatment alters postnatal adaptation in premature newborn baboons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998 , 274, R1169-76 ^{3,2}	3.2	9
70	Pulmonary vascular changes in extremely preterm sheep after intra-amniotic exposure to <i>Ureaplasma parvum</i> and lipopolysaccharide. <i>PLoS ONE</i> , 2017 , 12, e0180114	3.7	9
69	Fetal skin as a pro-inflammatory organ: Evidence from a primate model of chorioamnionitis. <i>PLoS ONE</i> , 2017 , 12, e0184938	3.7	9
68	Interventions to reduce neonatal mortality: a mathematical model to evaluate impact of interventions in sub-Saharan Africa. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017 , 106, 1286-1295 ⁸	3.1	8
67	Glucocorticoid regulates mesenchymal cell differentiation required for perinatal lung morphogenesis and function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 319, L239-L255	5.8	8
66	Oral antenatal corticosteroids evaluated in fetal sheep. <i>Pediatric Research</i> , 2019 , 86, 589-594	3.2	8
65	Drug pricing in pediatrics: the egregious example of indomethacin. <i>Pediatrics</i> , 2007 , 119, 1197-8	7.4	8
64	Prenatal glucocorticoid exposure and postnatal adaptation in premature newborn baboons ventilated for six days. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 1688-94	6.4	8
63	Chronic Intra-Uterine Infection Induces Injury of the Enteric Nervous System in Ovine Fetuses. <i>Frontiers in Immunology</i> , 2020 , 11, 189	8.4	8
62	Lysosomes from rabbit type II cells catabolize surfactant lipids. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 278, L68-74	5.8	7
61	The duration of fetal antenatal steroid exposure determines the durability of preterm ovine lung maturation. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 222, 183.e1-183.e9	6.4	7
60	Antenatal corticosteroids: a reappraisal of the drug formulation and dose. <i>Pediatric Research</i> , 2021 , 89, 318-325	3.2	7
59	Oral dosing for antenatal corticosteroids in the Rhesus macaque. <i>PLoS ONE</i> , 2019 , 14, e0222817	3.7	6
58	Protection of the Ovine Fetal Gut against -Induced Chorioamnionitis: A Potential Role for Plant Sterols. <i>Nutrients</i> , 2019 , 11,	6.7	6
57	Antenatal corticosteroids for low and middle income countries. <i>Seminars in Perinatology</i> , 2019 , 43, 241-246	3.9	6
56	Dose of budesonide with surfactant affects lung and systemic inflammation after normal and injurious ventilation in preterm lambs. <i>Pediatric Research</i> , 2020 , 88, 726-732	3.2	6
55	The global network antenatal corticosteroids trial: impact on stillbirth. <i>Reproductive Health</i> , 2016 , 13, 68	3.5	6
54	Neonatal stress and resilience - lasting effects of antenatal corticosteroids. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019 , 97, 155-157	2.4	6

53	Intra-amniotic LPS modulates expression of antimicrobial peptides in the fetal sheep lung. <i>Pediatric Research</i> , 2014 , 76, 441-7	3.2	6
52	Maternal, but not fetal, administration of corticosteroids restricts fetal growth. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 1999 , 8, 81-87	2	6
51	Postnatal Lung Inflammation Increased by Ventilation of Preterm Lambs Exposed Antenatally to Escherichia coli Endotoxin		6
50	Maternal, but not fetal, administration of corticosteroids restricts fetal growth 1999 , 8, 81		6
49	Indications for and questions about antenatal steroids. <i>Advances in Pediatrics</i> , 2002 , 49, 227-43	2.2	6
48	Update in pediatric lung disease 2013. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 1031-6	10.2	5
47	Effects of intra-amniotic lipopolysaccharide exposure on the fetal lamb lung as gestation advances. <i>Pediatric Research</i> , 2014 , 75, 500-6	3.2	5
46	Lung perfusion and aerosol distributions in preterm ventilated lambs. <i>Pediatric Pulmonology</i> , 1989 , 6, 147-52	3.5	5
45	Injury Responses to Different Surfactants in Ventilated Premature Lamb Lungs		4
44	Postnatal steroid management in preterm infants with evolving bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2021 , 41, 1783-1796	3.1	4
43	Intestinal Goblet Cell Loss during Chorioamnionitis in Fetal Lambs: Mechanistic Insights and Postnatal Implications. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
42	Chorioamnionitis and neonatal outcomes. <i>Pediatric Research</i> , 2021 ,	3.2	4
41	Why, when, and how to give surfactant. <i>Pediatric Research</i> , 2019 , 86, 15-16	3.2	3
40	Antenatal Corticosteroid Exposure Disrupts Myelination in the Auditory Nerve of Preterm Sheep. <i>Neonatology</i> , 2018 , 114, 62-68	4	3
39	Mass spectrometry imaging as a tool for evaluating the pulmonary distribution of exogenous surfactant in premature lambs. <i>Respiratory Research</i> , 2019 , 20, 175	7.3	3
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