

# Alan H Jobe

## List of Publications by Year in descending order

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214  
papers

9,318  
citations

50273

46  
h-index

51602

86  
g-index

234  
all docs

234  
docs citations

234  
times ranked

7304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bronchopulmonary dysplasia. Nature Reviews Disease Primers, 2019, 5, 78.	30.5	541
2	Bronchopulmonary Dysplasia: Executive Summary of a Workshop. Journal of Pediatrics, 2018, 197, 300-308.	1.8	516
3	The new bronchopulmonary dysplasia. Current Opinion in Pediatrics, 2011, 23, 167-172.	2.0	474
4	Physiology of Transition from Intrauterine to Extrauterine Life. Clinics in Perinatology, 2012, 39, 769-783.	2.1	312
5	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. Lancet, The, 2015, 385, 629-639.	13.7	262
6	The placental membrane microbiome is altered among subjects with spontaneous preterm birth with and without chorioamnionitis. American Journal of Obstetrics and Gynecology, 2016, 214, 627.e1-627.e16.	1.3	235
7	Prenatal inflammation and lung development. Seminars in Fetal and Neonatal Medicine, 2009, 14, 2-7.	2.3	220
8	Comparisons and Limitations of Current Definitions of Bronchopulmonary Dysplasia for the Prematurity and Respiratory Outcomes Program. Annals of the American Thoracic Society, 2015, 12, 1822-1830.	3.2	218
9	Decreased Indicators of Lung Injury with Continuous Positive Expiratory Pressure in Preterm Lambs. Pediatric Research, 2002, 52, 387-392.	2.3	193
10	Choice and dose of corticosteroid for antenatal treatments. American Journal of Obstetrics and Gynecology, 2004, 190, 878-881.	1.3	190
11	Intra-amniotic endotoxin: chorioamnionitis precedes lung maturation in preterm lambs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L527-L536.	2.9	178
12	Tidal volume effects on surfactant treatment responses with the initiation of ventilation in preterm lambs. Journal of Applied Physiology, 1997, 83, 1054-1061.	2.5	175
13	Mechanisms of Lung Injury and Bronchopulmonary Dysplasia. American Journal of Perinatology, 2016, 33, 1076-1078.	1.4	170
14	Injury and Inflammation from Resuscitation of the Preterm Infant. Neonatology, 2008, 94, 190-196.	2.0	164
15	Fetal Versus Maternal and Gestational Age Effects of Repetitive Antenatal Glucocorticoids. Pediatrics, 1998, 102, 1116-1125.	2.1	162
16	Bronchopulmonary Dysplasia and Perinatal Characteristics Predict 1-Year Respiratory Outcomes in Newborns Born at Extremely Low Gestational Age: A Prospective Cohort Study. Journal of Pediatrics, 2017, 187, 89-97.e3.	1.8	158
17	A prospective study of maternal, fetal and neonatal deaths in low- and middle-income countries. Bulletin of the World Health Organization, 2014, 92, 605-612.	3.3	144
18	Antenatal factors and the development of bronchopulmonary dysplasia. Seminars in Fetal and Neonatal Medicine, 2003, 8, 9-17.	2.7	140

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19	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.	5.6	122
20	Fetal Immune Response to Chorioamnionitis. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 056-067.	1.1	116
21	Antenatal corticosteroids: an assessment of anticipated benefits and potential risks. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 62-74.	1.3	113
22	Chronic Pulmonary Insufficiency of Prematurity: Developing Optimal Endpoints for Drug Development. <i>Journal of Pediatrics</i> , 2017, 191, 15-21.e1.	1.8	108
23	Maternal, but not fetal, administration of corticosteroids restricts fetal growth. , 1999, 8, 81-87.		106
24	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-L285.	2.9	91
25	Surfactant metabolism in SP-D gene-targeted mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 279, L468-L476.	2.9	86
26	IL-1 signaling mediates intrauterine inflammation and chorio-decidua neutrophil recruitment and activation. <i>JCI Insight</i> , 2018, 3, .	5.0	86
27	Effects of Chorioamnionitis on the Fetal Lung. <i>Clinics in Perinatology</i> , 2012, 39, 441-457.	2.1	85
28	Surfactant Protein-B Supplementation Improves In Vivo Function of a Modified Natural Surfactant. <i>Pediatric Research</i> , 1995, 37, 271-276.	2.3	81
29	Antenatal corticosteroids beyond 34 weeks gestation: What do we know?. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 423-430.	1.3	75
30	Animal Models, Learning Lessons to Prevent and Treat Neonatal Chronic Lung Disease. <i>Frontiers in Medicine</i> , 2015, 2, 49.	2.6	72
31	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.	1.3	72
32	Long term consequences of oxygen therapy in the neonatal period. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 230-235.	2.3	70
33	Intra-Amniotic IL-1 <sup>β</sup> Induces Fetal Inflammation in Rhesus Monkeys and Alters the Regulatory T Cell/IL-17 Balance. <i>Journal of Immunology</i> , 2013, 191, 1102-1109.	0.8	68
34	Neutrophil Recruitment and Activation in Decidua with Intra-Amniotic IL-1β in the Preterm Rhesus Macaque. <i>Biology of Reproduction</i> , 2015, 92, 56.	2.7	66
35	Antenatal Associations with Lung Maturation and Infection. <i>Journal of Perinatology</i> , 2005, 25, S31-S35.	2.0	64
36	Lipopolysaccharide-Induced Chorioamnionitis Promotes IL-1-Dependent Inflammatory FOXP3+ CD4+ T Cells in the Fetal Rhesus Macaque. <i>Journal of Immunology</i> , 2016, 196, 3706-3715.	0.8	63

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37	Can We Define Bronchopulmonary Dysplasia?. Journal of Pediatrics, 2017, 188, 19-23.	1.8	63
38	Chorioamnionitis, neuroinflammation, and injury: timing is key in the preterm ovine fetus. Journal of Neuroinflammation, 2018, 15, 113.	7.2	63
39	IL-4 increases surfactant and regulates metabolism in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L75-L80.	2.9	58
40	Differential effects of maternal betamethasone and cortisol on lung maturation and growth in fetal sheep. American Journal of Obstetrics and Gynecology, 2003, 188, 22-28.	1.3	58
41	The Respiratory Course of Extremely Preterm Infants: A Dilemma for Diagnosis and Terminology. Journal of Pediatrics, 2012, 161, 585-588.	1.8	57
42	Effect of chorioamnionitis on regulatory T cells in moderate/late preterm neonates. Human Immunology, 2015, 76, 65-73.	2.4	55
43	Lung Morphometry and Collagen and Elastin Content: Changes During Normal Development and After Prenatal Hormone Exposure in Sheep. Pediatric Research, 1999, 45, 615-625.	2.3	54
44	Postnatal Cardiovascular and Metabolic Responses to a Single Intramuscular Dose of Betamethasone in Fetal Sheep Born Prematurely by Cesarean Section. Pediatric Research, 1995, 38, 709-715.	2.3	51
45	Postnatal Corticosteroids for Bronchopulmonary Dysplasia. Clinics in Perinatology, 2009, 36, 177-188.	2.1	50
46	Low-dose betamethasone-acetate for fetal lung maturation in preterm sheep. American Journal of Obstetrics and Gynecology, 2018, 218, 132.e1-132.e9.	1.3	50
47	Lung Injury and Surfactant Metabolism after Hyperventilation of Premature Lambs. Pediatric Research, 2000, 47, 398-404.	2.3	50
48	Prenatal and Perinatal Determinants of Lung Health and Disease in Early Life. JAMA Pediatrics, 2016, 170, e154577.	6.2	49
49	Successful maintenance of key physiological parameters in preterm lambs treated with exÂvivo uterine environment therapy for a period of 1 week. American Journal of Obstetrics and Gynecology, 2017, 217, 457.e1-457.e13.	1.3	48
50	Chorioamnionitis and neonatal outcomes. Pediatric Research, 2022, 91, 289-296.	2.3	46
51	Pharmacokinetics and Pharmacodynamics of Intramuscular and Oral Betamethasone and Dexamethasone in Reproductive Age Women in India. Clinical and Translational Science, 2020, 13, 391-399.	3.1	45
52	Antenatal corticosteroids for women at risk of imminent preterm birth in low-resource countries: the case for equipoise and the need for efficacy trials. BMJ Global Health, 2017, 2, e000398.	4.7	44
53	Gestational Effects of Corticosteroids and Surfactant in Ventilated Rabbits. Pediatric Research, 1989, 25, 32-37.	2.3	43
54	Macrophage and type II cell catabolism of SP-A and saturated phosphatidylcholine in mouse lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L1266-L1272.	2.9	43

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55	Maternal Intravenous Treatment with either Azithromycin or Solithromycin Clears Ureaplasma parvum from the Amniotic Fluid in an Ovine Model of Intrauterine Infection. Antimicrobial Agents and Chemotherapy, 2014, 58, 5413-5420.	3.2	41
56	The efficacy of antenatal steroid therapy is dependent on the duration of low-concentration fetal exposure: evidence from a sheep model of pregnancy. American Journal of Obstetrics and Gynecology, 2018, 219, 301.e1-301.e16.	1.3	40
57	Intra-amniotic LPS causes acute neuroinflammation in preterm rhesus macaques. Journal of Neuroinflammation, 2016, 13, 238.	7.2	39
58	Betamethasone dose and formulation for induced lung maturation in fetal sheep. American Journal of Obstetrics and Gynecology, 2009, 201, 611.e1-611.e7.	1.3	37
59	Controversies about the definition of bronchopulmonary dysplasia at 50 years. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 692-693.	1.5	37
60	Postnatal Lung Function after Prenatal Steroid Treatment in Sheep: Effect of Gender. Pediatric Research, 1997, 42, 885-892.	2.3	37
61	Effects of Intra-Amniotic Lipopolysaccharide and Maternal Betamethasone on Brain Inflammation in Fetal Sheep. PLoS ONE, 2013, 8, e81644.	2.5	37
62	Clearance of Large Amounts of Natural Surfactants and Liposomes of Dipalmitoylphosphatidylcholine from the Lungs of Rabbits. Experimental Lung Research, 1985, 9, 221-235.	1.2	35
63	Lung Maturation: The Survival Miracle of Very Low Birth Weight Infants. Pediatrics and Neonatology, 2010, 51, 7-13.	0.9	35
64	Single Dose Fetal Betamethasone Administration Stabilizes Postnatal Glomerular Filtration Rate and Alters Endocrine Function in Premature Lambs. Pediatric Research, 1996, 40, 645-651.	2.3	35
65	Single Dose Versus Two Doses of Betamethasone for Lung Maturation in Preterm Rabbits. Pediatric Research, 1993, 33, 256-260.	2.3	34
66	Mechanisms to Explain Surfactant Responses. Neonatology, 2006, 89, 298-302.	2.0	34
67	Antenatal corticosteroids: a reappraisal of the drug formulation and dose. Pediatric Research, 2021, 89, 318-325.	2.3	34
68	Antenatal Glucocorticoids Alter Postnatal Preterm Lamb Renal and Cardiovascular Responses to Intravascular Volume Expansion. Pediatric Research, 2000, 47, 622-627.	2.3	34
69	TNF-Signaling Modulates Neutrophil-Mediated Immunity at the Feto-Maternal Interface During LPS-Induced Intrauterine Inflammation. Frontiers in Immunology, 2020, 11, 558.	4.8	33
70	Tolerance of SP-A-deficient mice to hyperoxia or exercise. Journal of Applied Physiology, 2000, 89, 644-648.	2.5	32
71	Intra-amniotic Ureaplasma parvum Induced Maternal and Fetal Inflammation and Immune Responses in Rhesus Macaques. Journal of Infectious Diseases, 2016, 214, 1597-1604.	4.0	32
72	Developmental and glucocorticoid regulation of surfactant protein mRNAs in preterm lambs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L1142-L1148.	2.9	31

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73	Neonatal regulatory T cells have reduced capacity to suppress dendritic cell function. <i>European Journal of Immunology</i> , 2015, 45, 2582-2592.	2.9	31
74	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.	1.3	31
75	Dosing and formulation of antenatal corticosteroids for fetal lung maturation and gene expression in rhesus macaques. <i>Scientific Reports</i> , 2019, 9, 9039.	3.3	31
76	Optimizing antenatal corticosteroid therapy. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019, 24, 176-181.	2.3	31
77	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.	2.9	31
78	Respiratory Medications in Infants <29 Weeks during the First Year Postdischarge: The Prematurity and Respiratory Outcomes Program (PROP) Consortium. <i>Journal of Pediatrics</i> , 2019, 208, 148-155.e3.	1.8	31
79	Postnatal steroid management in preterm infants with evolving bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2021, 41, 1783-1796.	2.0	31
80	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.	1.8	30
81	Effects of budesonide and surfactant in preterm fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L193-L201.	2.9	30
82	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.	5.6	30
83	The Antenatal Corticosteroids Trial (ACT)™s explanations for neonatal mortality - a secondary analysis. <i>Reproductive Health</i> , 2016, 13, 62.	3.1	29
84	Lack of Evidence for Microbiota in the Placental and Fetal Tissues of Rhesus Macaques. <i>MSphere</i> , 2020, 5, .	2.9	29
85	Decreased Indicators of Lung Injury with Continuous Positive Expiratory Pressure in Preterm Lambs. <i>Pediatric Research</i> , 2002, 52, 387-392.	2.3	29
86	Betamethasone for lung maturation: testing dose and formulation in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, 523.e1-523.e6.	1.3	28
87	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.e1-134.e9.	1.3	27
88	A Risk of Sensory Deprivation in the Neonatal Intensive Care Unit. <i>Journal of Pediatrics</i> , 2014, 164, 1265-1267.	1.8	26
89	Pro-inflammatory immune responses in leukocytes of premature infants exposed to maternal chorioamnionitis or funisitis. <i>Pediatric Research</i> , 2017, 81, 384-390.	2.3	26
90	Antenatal dexamethasone vs. betamethasone dosing for lung maturation in fetal sheep. <i>Pediatric Research</i> , 2017, 81, 496-503.	2.3	26

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91	Animal Models of Antenatal Corticosteroids: Clinical Implications. <i>Clinical Obstetrics and Gynecology</i> , 2003, 46, 174-189.	1.1	25
92	Sustained Inflation at Birth Did Not Alter Lung Injury from Mechanical Ventilation in Surfactant-Treated Fetal Lambs. <i>PLoS ONE</i> , 2014, 9, e113473.	2.5	25
93	Pulmonary Morbidity in Infancy after Exposure to Chorioamnionitis in Late Preterm Infants. <i>Annals of the American Thoracic Society</i> , 2016, 13, 867-876.	3.2	25
94	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-R838.	1.8	24
95	Fluconazole treatment of intrauterine <i>Candida albicans</i> infection in fetal sheep. <i>Pediatric Research</i> , 2015, 77, 740-748.	2.3	24
96	Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. <i>JCI Insight</i> , 2020, 5, .	5.0	24
97	Surfactant protein C in fetal and ventilated preterm rabbit lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999, 277, L1104-L1108.	2.9	23
98	Global network for women's and children's 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.	2.2	23
99	Repetitive Prenatal Glucocorticoids Increase Lung Endothelial Nitric Oxide Synthase Expression in Ovine Fetuses Delivered at Term. <i>Pediatric Research</i> , 2000, 48, 75-83.	2.3	23
100	Surfactant Protein-C in Ventilated Premature Lamb Lung. <i>Pediatric Research</i> , 1998, 44, 860-864.	2.3	22
101	“Miracle” Extremely Low Birth Weight Neonates. <i>Obstetrics and Gynecology</i> , 2010, 116, 1184-1190.	2.4	21
102	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, 6581-6591.	3.2	21
103	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.	2.5	21
104	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.	1.7	21
105	Surfactant inhibition by plasma: gestational age and surfactant treatment effects in preterm lambs. <i>Journal of Applied Physiology</i> , 1996, 81, 2517-2522.	2.5	20
106	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.	1.3	20
107	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.	3.2	20
108	Efficacy and safety of antenatal steroids. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R825-R839.	1.8	19



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109	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.	1.3	19
110	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.	2.9	19
111	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.	2.9	19
112	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.	2.5	19
113	Adrenal Epinephrine and the Regulation of Pulmonary Surfactant Release in Neonatal Rabbits. <i>Experimental Lung Research</i> , 1984, 7, 177-186.	1.2	18
114	Surfactant phospholipid catabolic rate is pool size dependent in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 279, L842-L848.	2.9	18
115	Antenatal Corticosteroids—A Concern for Lifelong Outcomes. <i>Journal of Pediatrics</i> , 2020, 217, 184-188.	1.8	18
116	Exogenous surfactant changes the phenotype of alveolar macrophages in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L689-L694.	2.9	17
117	Patching the Pipeline: Creation and Retention of the Next Generation of Physician-Scientists for Child Health Research. <i>Journal of Pediatrics</i> , 2014, 165, 882-884.e1.	1.8	17
118	Intrauterine <i>Candida albicans</i> infection elicits severe inflammation in fetal sheep. <i>Pediatric Research</i> , 2014, 75, 716-722.	2.3	17
119	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-L420.	2.9	17
120	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.	3.1	17
121	Clearance of Natural Surfactant Phosphatidylcholine from 3-Day-Old Rabbit Lungs: Effects of Dose and Species. <i>Pediatric Research</i> , 1986, 20, 1139-1142.	2.3	15
122	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-R1176.	1.8	15
123	Responses of the spleen to intraamniotic lipopolysaccharide exposure in fetal sheep. <i>Pediatric Research</i> , 2015, 77, 29-35.	2.3	15
124	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.	1.5	15
125	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.	1.3	15
126	Oral antenatal corticosteroids evaluated in fetal sheep. <i>Pediatric Research</i> , 2019, 86, 589-594.	2.3	15



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127	CCSP deficiency does not alter surfactant homeostasis during adenoviral infection. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L983-L987.	2.9	14
128	Fetal Surgery for Myelomeningocele. New England Journal of Medicine, 2002, 347, 230-231.	27.0	14
129	Fetal inflammation associated with minimal acute morbidity in moderate/late preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F513-F519.	2.8	14
130	Oral, Nasal and Pharyngeal Exposure to Lipopolysaccharide Causes a Fetal Inflammatory Response in Sheep. PLoS ONE, 2015, 10, e0119281.	2.5	14
131	Oral dosing for antenatal corticosteroids in the Rhesus macaque. PLoS ONE, 2019, 14, e0222817.	2.5	13
132	Antenatal corticosteroids for low and middle income countries. Seminars in Perinatology, 2019, 43, 241-246.	2.5	13
133	Chronic Intra-Uterine Ureaplasma parvum Infection Induces Injury of the Enteric Nervous System in Ovine Fetuses. Frontiers in Immunology, 2020, 11, 189.	4.8	13
134	The induction of preterm labor in rhesus macaques is determined by the strength of immune response to intrauterine infection. PLoS Biology, 2021, 19, e3001385.	5.6	13
135	Prenatal inflammation enhances antenatal corticosteroid-induced fetal lung maturation. JCI Insight, 2020, 5, .	5.0	13
136	Pulmonary vascular changes in extremely preterm sheep after intra-amniotic exposure to Ureaplasma parvum and lipopolysaccharide. PLoS ONE, 2017, 12, e0180114.	2.5	13
137	Pathogenesis of Respiratory Failure in the Preterm Infant. Annals of Medicine, 1991, 23, 687-691.	3.8	12
138	Intrauterine Candida albicans Infection Causes Systemic Fetal Candidiasis With Progressive Cardiac Dysfunction in a Sheep Model of Early Pregnancy. Reproductive Sciences, 2017, 24, 77-84.	2.5	12
139	Variability in the efficacy of a standardized antenatal steroid treatment was independent of maternal or fetal plasma drug levels: evidence from a sheep model of pregnancy. American Journal of Obstetrics and Gynecology, 2020, 223, 921.e1-921.e10.	1.3	12
140	Dose of budesonide with surfactant affects lung and systemic inflammation after normal and injurious ventilation in preterm lambs. Pediatric Research, 2020, 88, 726-732.	2.3	12
141	An All-Inclusive Perspective on Bronchopulmonary Dysplasia. Journal of Pediatrics, 2021, 234, 257-259.	1.8	12
142	Betamethasone phosphate reduces the efficacy of antenatal steroid therapy and is associated with lower birthweights when administered to pregnant sheep in combination with betamethasone acetate. American Journal of Obstetrics and Gynecology, 2022, 226, 564.e1-564.e14.	1.3	12
143	Vascular to Alveolar Leak of Iron Dextran (120 kD) in the Immature Ventilated Rabbit Lung. Pediatric Research, 1989, 25, 130-135.	2.3	11
144	The multiple negative randomized controlled trials in perinatology—why?. Seminars in Perinatology, 2003, 27, 343-350.	2.5	11

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145	Prenatal glucocorticoid exposure and postnatal adaptation in premature newborn baboons ventilated for six days. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 1688-1694.	1.3	10
146	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
147	Postnatal Lung Inflammation Increased by Ventilation of Preterm Lambs Exposed Antenatally to <i>Escherichia coli</i> Endotoxin. <i>Pediatric Research</i> , 2002, 52, 356-362.	2.3	10
148	Fetal skin as a pro-inflammatory organ: Evidence from a primate model of chorioamnionitis. <i>PLoS ONE</i> , 2017, 12, e0184938.	2.5	10
149	Inflammatory blockade prevents injury to the developing pulmonary gas exchange surface in preterm primates. <i>Science Translational Medicine</i> , 2022, 14, eabl8574.	12.4	10
150	Drug Pricing in Pediatrics: The Egregious Example of Indomethacin. <i>Pediatrics</i> , 2007, 119, 1197-1198.	2.1	9
151	The Diagnostic Conundrum of Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2015, 167, 517-518.	1.8	9
152	The Search for Treatment of Bronchopulmonary Dysplasia. <i>JAMA Pediatrics</i> , 2016, 170, 322.	6.2	9
153	Protection of the Ovine Fetal Gut against <i>Ureaplasma</i> -Induced Chorioamnionitis: A Potential Role for Plant Sterols. <i>Nutrients</i> , 2019, 11, 968.	4.1	9
154	Population pharmacokinetic modeling of intramuscular and oral dexamethasone and betamethasone in Indian women. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021, 48, 261-272.	1.8	9
155	Mass spectrometry imaging as a tool for evaluating the pulmonary distribution of exogenous surfactant in premature lambs. <i>Respiratory Research</i> , 2019, 20, 175.	3.6	8
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