

# Jennifer J P Collins

## List of Publications by Citations

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37  
papers

1,003  
citations

22  
h-index

31  
g-index

40  
ext. papers

1,146  
ext. citations

4.4  
avg, IF

3.8  
L-index

#	Paper	IF	Citations
37	Cerebral inflammation and mobilization of the peripheral immune system following global hypoxia-ischemia in preterm sheep. <i>Journal of Neuroinflammation</i> , <b>2013</b> , 10, 13	10.1	69
36	New surfactant with SP-B and C analogs gives survival benefit after inactivation in preterm lambs. <i>PLoS ONE</i> , <b>2012</b> , 7, e47631	3.7	68
35	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
34	Chronic fetal exposure to <i>Ureaplasma parvum</i> suppresses innate immune responses in sheep. <i>Journal of Immunology</i> , <b>2011</b> , 187, 2688-95	5.3	62
33	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
32	The Future of Bronchopulmonary Dysplasia: Emerging Pathophysiological Concepts and Potential New Avenues of Treatment. <i>Frontiers in Medicine</i> , <b>2017</b> , 4, 61	4.9	53
31	Thrown off balance: the effect of antenatal inflammation on the developing lung and immune system. <i>American Journal of Obstetrics and Gynecology</i> , <b>2013</b> , 208, 429-37	6.4	45
30	Antenatal ureaplasma infection impairs development of the fetal ovine gut in an IL-1-dependent manner. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 547-56	9.2	40
29	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
28	Hypoxia-inducible factors promote alveolar development and regeneration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 50, 96-105	5.7	38
27	Lung mesenchymal stromal cells in development and disease: to serve and protect?. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 21, 1849-62	8.4	36
26	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
25	Human induced pluripotent stem cell-derived lung progenitor and alveolar epithelial cells attenuate hyperoxia-induced lung injury. <i>Cytotherapy</i> , <b>2018</b> , 20, 108-125	4.8	31
24	Antenatal inflammation reduces expression of caveolin-1 and influences multiple signaling pathways in preterm fetal lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 969-76	5.7	31
23	The axonal guidance cue semaphorin 3C contributes to alveolar growth and repair. <i>PLoS ONE</i> , <b>2013</b> , 8, e67225	3.7	29
22	NeonatOx: a pumpless extracorporeal lung support for premature neonates. <i>Artificial Organs</i> , <b>2011</b> , 35, 997-1001	2.6	28
21	Human Umbilical Cord Mesenchymal Stromal Cells Improve Survival and Bacterial Clearance in Neonatal Sepsis in Rats. <i>Stem Cells and Development</i> , <b>2017</b> , 26, 1054-1064	4.4	27

20	Antenatal glucocorticoids counteract LPS changes in TGF- $\beta$ pathway and caveolin-1 in ovine fetal lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 304, L438-44	5.8	27
19	Intraamniotic lipopolysaccharide exposure changes cell populations and structure of the ovine fetal thymus. <i>Reproductive Sciences</i> , <b>2013</b> , 20, 946-56	3	27
18	Systemic G-CSF attenuates cerebral inflammation and hypomyelination but does not reduce seizure burden in preterm sheep exposed to global hypoxia-ischemia. <i>Experimental Neurology</i> , <b>2013</b> , 250, 293-303	5.7	24
17	Ovine fetal thymus response to lipopolysaccharide-induced chorioamnionitis and antenatal corticosteroids. <i>PLoS ONE</i> , <b>2012</b> , 7, e38257	3.7	24
16	The mammalian myotome: a muscle with no innervation. <i>Evolution &amp; Development</i> , <b>2008</b> , 10, 746-55	2.6	22
15	Fifty years of work on the artificial placenta: milestones in the history of extracorporeal support of the premature newborn. <i>Artificial Organs</i> , <b>2012</b> , 36, 512-6	2.6	18
14	Impaired Angiogenic Supportive Capacity and Altered Gene Expression Profile of Resident CD146 Mesenchymal Stromal Cells Isolated from Hyperoxia-Injured Neonatal Rat Lungs. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 1109-1124	4.4	16
13	Progenitor cells of the distal lung and their potential role in neonatal lung disease. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , <b>2014</b> , 100, 217-26		14
12	Repeated intrauterine exposures to inflammatory stimuli attenuated transforming growth factor- $\beta$ signaling in the ovine fetal lung. <i>Neonatology</i> , <b>2013</b> , 104, 49-55	4	13
11	First Neuromuscular Contact Correlates with Onset of Primary Myogenesis in Rat and Mouse Limb Muscles. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133811	3.7	11
10	Altered canonical Wnt 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
9	Comparison of recruitment manoeuvres in ventilated sheep with acute respiratory distress syndrome. <i>Lung</i> , <b>2013</b> , 191, 77-86	2.9	7
8	Lipopolysaccharide-induced chorioamnionitis is confined to one amniotic compartment in twin pregnant sheep. <i>Neonatology</i> , <b>2012</b> , 102, 81-8	4	7
7	Propofol administration to the fetal-maternal unit reduces cardiac injury in late-preterm lambs subjected to severe prenatal asphyxia and cardiac arrest. <i>Pediatric Research</i> , <b>2013</b> , 73, 427-34	3.2	6
6	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
5	Propofol administration to the maternal-fetal unit improved fetal EEG and influenced cerebral apoptotic pathway in preterm lambs suffering from severe asphyxia. <i>Molecular and Cellular Pediatrics</i> , <b>2015</b> , 2, 4	3.3	4
4	Propofol administration to the fetal-maternal unit reduces cardiac oxidative stress in preterm lambs subjected to prenatal asphyxia and cardiac arrest. <i>Pediatric Research</i> , <b>2016</b> , 79, 748-53	3.2	4
3	Isolation of CD146+ Resident Lung Mesenchymal Stromal Cells from Rat Lungs. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	3

2	Early origins of lung disease: towards an interdisciplinary approach. <i>European Respiratory Review</i> , <b>2020</b> , 29,	9.8	3
1	Early Career Members at the ERS Lung Science Conference: cell-matrix interactions in lung disease and regeneration: Early career forum. <i>Breathe</i> , <b>2018</b> , 14, e78-e83	1.8	1