Jennifer J P Collins

List of Publications by Year
in descending order

38	1,238	304368	360668
papers	citations	22 h-index	35 g-index

40	40	40	1696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Future of Bronchopulmonary Dysplasia: Emerging Pathophysiological Concepts and Potential New Avenues of Treatment. Frontiers in Medicine, 2017, 4, 61.	1.2	79
2	New Surfactant with SP-B and C Analogs Gives Survival Benefit after Inactivation in Preterm Lambs. PLoS ONE, 2012, 7, e47631.	1.1	78
3	Chronic Fetal Exposure to Ureaplasma parvum Suppresses Innate Immune Responses in Sheep. Journal of Immunology, 2011, 187, 2688-2695.	0.4	74
4	Cerebral inflammation and mobilization of the peripheral immune system following global hypoxia-ischemia in preterm sheep. Journal of Neuroinflammation, 2013, 10, 13.	3.1	74
5	Intra-amniotic LPS and antenatal betamethasone: inflammation and maturation in preterm lamb lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L380-L389.	1.3	73
6	Inflammation in fetal sheep from intra-amniotic injection of Ureaplasma parvum. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L852-L860.	1.3	62
7	Hypoxia-Inducible Factors Promote Alveolar Development and Regeneration. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 96-105.	1.4	53
8	Thrown off balance: the effect of antenatal inflammation on the developing lung and immune system. American Journal of Obstetrics and Gynecology, 2013, 208, 429-437.	0.7	52
9	Antenatal ureaplasma infection impairs development of the fetal ovine gut in an IL-1-dependent manner. Mucosal Immunology, 2013, 6, 547-556.	2.7	48
10	Human induced pluripotent stem cellâ€“derived lung progenitor and alveolar epithelial cells attenuate hyperoxia-induced lung injury. Cytotherapy, 2018, 20, 108-125.	0.3	46
11	LPS-induced chorioamnionitis and antenatal corticosteroids modulate Shh signaling in the ovine fetal lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L778-L787.	1.3	45
12	Lung Mesenchymal Stromal Cells in Development and Disease: To Serve and Protect?. Antioxidants and Redox Signaling, 2014, 21, 1849-1862.	2.5	43
13	Pulmonary and systemic inflammatory responses to intra-amniotic IL-1Î± in fetal sheep. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L285-L295.	1.3	40
14	Human Umbilical Cord Mesenchymal Stromal Cells Improve Survival and Bacterial Clearance in Neonatal Sepsis in Rats. Stem Cells and Development, 2017, 26, 1054-1064.	1.1	38
15	Antenatal Inflammation Reduces Expression of Caveolin-1 and Influences Multiple Signaling Pathways in Preterm Fetal Lungs. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 969-976.	1.4	36
16	The Axonal Guidance Cue Semaphorin 3C Contributes to Alveolar Growth and Repair. PLoS ONE, 2013, 8, e67225.	1.1	33
17	NeonatOx: A Pumpless Extracorporeal Lung Support for Premature Neonates. Artificial Organs, 2011, 35, 997-1001.	1.0	31
18	Antenatal glucocorticoids counteract LPS changes in TGF-Î² pathway and caveolin-1 in ovine fetal lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L438-L444.	1.3	31

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19	Intraamniotic Lipopolysaccharide Exposure Changes Cell Populations and Structure of the Ovine Fetal Thymus. Reproductive Sciences, 2013, 20, 946-956.	1.1	31
20	Ovine Fetal Thymus Response to Lipopolysaccharide-Induced Chorioamnionitis and Antenatal Corticosteroids. PLoS ONE, 2012, 7, e38257.	1.1	28
21	Systemic G-CSF attenuates cerebral inflammation and hypomyelination but does not reduce seizure burden in preterm sheep exposed to global hypoxiaâ€“ischemia. Experimental Neurology, 2013, 250, 293-303.	2.0	25
22	Impaired Angiogenic Supportive Capacity and Altered Gene Expression Profile of Resident CD146+ Mesenchymal Stromal Cells Isolated from Hyperoxia-Injured Neonatal Rat Lungs. Stem Cells and Development, 2018, 27, 1109-1124.	1.1	25
23	Fifty Years of Work on the Artificial Placenta: Milestones in the History of Extracorporeal Support of the Premature Newborn. Artificial Organs, 2012, 36, 512-516.	1.0	24
24	The mammalian myotome: a muscle with no innervation. Evolution & Development, 2008, 10, 746-755.	1.1	22
25	Early origins of lung disease: towards an interdisciplinary approach. European Respiratory Review, 2020, 29, 200191.	3.0	21
26	Progenitor cells of the distal lung and their potential role in neonatal lung disease. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 217-226.	1.6	18
27	Repeated Intrauterine Exposures to Inflammatory Stimuli Attenuated Transforming Growth Factor-Î² Signaling in the Ovine Fetal Lung. Neonatology, 2013, 104, 49-55.	0.9	15
28	First Neuromuscular Contact Correlates with Onset of Primary Myogenesis in Rat and Mouse Limb Muscles. PLoS ONE, 2015, 10, e0133811.	1.1	15
29	Pulmonary and Neurologic Effects of Mesenchymal Stromal Cell Extracellular Vesicles in a Multifactorial Lung Injury Model. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1186-1201.	2.5	15
30	Altered canonical Wingless-Int signaling in the ovine fetal lung after exposure to intra-amniotic lipopolysaccharide and antenatal betamethasone. Pediatric Research, 2014, 75, 281-287.	1.1	10
31	Comparison of Recruitment Manoeuvres in Ventilated Sheep with Acute Respiratory Distress Syndrome. Lung, 2013, 191, 77-86.	1.4	9
32	Lipopolysaccharide-Induced Chorioamnionitis Is Confined to One Amniotic Compartment in Twin Pregnant Sheep. Neonatology, 2012, 102, 81-88.	0.9	8
33	Propofol administration to the fetalâ€“maternal unit reduces cardiac injury in late-preterm lambs subjected to severe prenatal asphyxia and cardiac arrest. Pediatric Research, 2013, 73, 427-434.	1.1	6
34	Effects of intra-amniotic lipopolysaccharide exposure on the fetal lamb lung as gestation advances. Pediatric Research, 2014, 75, 500-506.	1.1	5
35	Isolation of CD146⁺ Resident Lung Mesenchymal Stromal Cells from Rat Lungs. Journal of Visualized Experiments, 2016, , .	0.2	5
36	Propofol administration to the maternal-fetal unit improved fetal EEG and influenced cerebral apoptotic pathway in preterm lambs suffering from severe asphyxia. Molecular and Cellular Pediatrics, 2015, 2, 4.	1.0	4

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37	Propofol administration to the fetalâ€“maternal unit reduces cardiac oxidative stress in preterm lambs subjected to prenatal asphyxia and cardiac arrest. Pediatric Research, 2016, 79, 748-753.	1.1	4
38	Early Career Members at the ERSÂLung Science Conference: cell-matrix interactions in lung disease and regeneration. Breathe, 2018, 14, e78-e83.	0.6	1