

Suhas G Kallapur

List of Publications by Year in descending order

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66
papers

3,257
citations

147801
31
h-index

155660
55
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66
all docs

66
docs citations

66
times ranked

3428
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell transcriptomics of the human placenta: inferring the cell communication network of the maternal-fetal interface. <i>Genome Research</i> , 2017, 27, 349-361.	5.5	260
2	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.	1.3	235
3	Intra-amniotic endotoxin: chorioamnionitis precedes lung maturation in preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L527-L536.	2.9	178
4	Vascular changes after intra-amniotic endotoxin in preterm lamb lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L1178-L1185.	2.9	132
5	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
6	Fetal Immune Response to Chorioamnionitis. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 056-067.	1.1	116
7	The Human <i>Ureaplasma</i> Species as Causative Agents of Chorioamnionitis. <i>Clinical Microbiology Reviews</i> , 2017, 30, 349-379.	13.6	116
8	Pulmonary and Systemic Endotoxin Tolerance in Preterm Fetal Sheep Exposed to Chorioamnionitis. <i>Journal of Immunology</i> , 2007, 179, 8491-8499.	0.8	108
9	Maternal glucocorticoids increase endotoxin-induced lung inflammation in preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 284, L633-L642.	2.9	88
10	IL-1 signaling mediates intrauterine inflammation and chorio-decidua neutrophil recruitment and activation. <i>JCI Insight</i> , 2018, 3, .	5.0	86
11	Strain dependency of TGF β 1 function during embryogenesis. <i>Molecular Reproduction and Development</i> , 1999, 52, 341-349.	2.0	78
12	Role of <i>Ureaplasma</i> Respiratory Tract Colonization in Bronchopulmonary Dysplasia Pathogenesis. <i>Clinics in Perinatology</i> , 2015, 42, 719-738.	2.1	77
13	Chronic Fetal Exposure to <i>Ureaplasma parvum</i> Suppresses Innate Immune Responses in Sheep. <i>Journal of Immunology</i> , 2011, 187, 2688-2695.	0.8	74
14	Recruited Inflammatory Cells Mediate Endotoxin-induced Lung Maturation in Preterm Fetal Lambs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1315-1321.	5.6	68
15	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, 1102-1109.	0.8	68
16	Neutrophil Recruitment and Activation in Decidua with Intra-Amniotic IL-1 β in the Preterm Rhesus Macaque. <i>Biology of Reproduction</i> , 2015, 92, 56.	2.7	66
17	Immunobiology of Acute Chorioamnionitis. <i>Frontiers in Immunology</i> , 2020, 11, 649.	4.8	64
18	Lipopolysaccharide-Induced Chorioamnionitis Promotes IL-1 β -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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19	Chorioamnionitis, neuroinflammation, and injury: timing is key in the preterm ovine fetus. <i>Journal of Neuroinflammation</i> , 2018, 15, 113.	7.2	63
20	Ureaplasma and BPD. <i>Seminars in Perinatology</i> , 2013, 37, 94-101.	2.5	62
21	Chronic endotoxin exposure does not cause sustained structural abnormalities in the fetal sheep lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L966-L974.	2.9	57
22	Type I interferons regulate susceptibility to inflammation-induced preterm birth. <i>JCI Insight</i> , 2017, 2, e91288.	5.0	56
23	Effect of chorioamnionitis on regulatory T cells in moderate/late preterm neonates. <i>Human Immunology</i> , 2015, 76, 65-73.	2.4	55
24	Betamethasone effects on chorioamnionitis induced by intra-amniotic endotoxin in sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 1458-1466.	1.3	51
25	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.	1.3	50
26	Lung Injury and Surfactant Metabolism after Hyperventilation of Premature Lambs. <i>Pediatric Research</i> , 2000, 47, 398-404.	2.3	50
27	Increased IP-10 and MIG Expression after Intra-amniotic Endotoxin in Preterm Lamb Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 779-786.	5.6	45
28	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, 5413-5420.	3.2	41
29	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
30	Intra-amniotic LPS causes acute neuroinflammation in preterm rhesus macaques. <i>Journal of Neuroinflammation</i> , 2016, 13, 238.	7.2	39
31	Effects of Intra-Amniotic Lipopolysaccharide and Maternal Betamethasone on Brain Inflammation in Fetal Sheep. <i>PLoS ONE</i> , 2013, 8, e81644.	2.5	37
32	TNF-Signaling Modulates Neutrophil-Mediated Immunity at the Feto-Maternal Interface During LPS-Induced Intrauterine Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 558.	4.8	33
33	Physiological consequences of intrauterine insults. <i>Paediatric Respiratory Reviews</i> , 2006, 7, 110-116.	1.8	31
34	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
35	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
36	DNA vaccination before conception protects Zika virus-exposed pregnant macaques against prolonged viremia and improves fetal outcomes. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	31

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37	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
38	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
39	Antenatal dexamethasone vs. betamethasone dosing for lung maturation in fetal sheep. <i>Pediatric Research</i> , 2017, 81, 496-503.	2.3	26
40	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
41	Fluconazole treatment of intrauterine <i>Candida albicans</i> infection in fetal sheep. <i>Pediatric Research</i> , 2015, 77, 740-748.	2.3	24
42	Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. <i>JCI Insight</i> , 2020, 5, .	5.0	24
43	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
44	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
45	Early origins of lung disease: towards an interdisciplinary approach. <i>European Respiratory Review</i> , 2020, 29, 200191.	7.1	21
46	Neuroinflammation and structural injury of the fetal ovine brain following intra-amniotic <i>Candida albicans</i> exposure. <i>Journal of Neuroinflammation</i> , 2016, 13, 29.	7.2	20
47	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
48	Ventilation-Induced Increases in EGFR Ligand mRNA Are Not Altered by Intra-Amniotic LPS or <i>Ureaplasma</i> in Preterm Lambs. <i>PLoS ONE</i> , 2014, 9, e96087.	2.5	19
49	Intrauterine <i>Candida albicans</i> infection elicits severe inflammation in fetal sheep. <i>Pediatric Research</i> , 2014, 75, 716-722.	2.3	17
50	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
51	Responses of the spleen to intraamniotic lipopolysaccharide exposure in fetal sheep. <i>Pediatric Research</i> , 2015, 77, 29-35.	2.3	15
52	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
53	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.	2.8	14
54	Oral, Nasal and Pharyngeal Exposure to Lipopolysaccharide Causes a Fetal Inflammatory Response in Sheep. <i>PLoS ONE</i> , 2015, 10, e0119281.	2.5	14

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55	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
56	Prenatal inflammation enhances antenatal corticosteroid-induced fetal lung maturation. JCI Insight, 2020, 5, .	5.0	13
57	Pulmonary vascular changes in extremely preterm sheep after intra-amniotic exposure to Ureaplasma parvum and lipopolysaccharide. PLoS ONE, 2017, 12, e0180114.	2.5	13
58	IRAK1 Is a Critical Mediator of Inflammation-Induced Preterm Birth. Journal of Immunology, 2020, 204, 2651-2660.	0.8	12
59	Altered canonical Wntless-Int signaling in the ovine fetal lung after exposure to intra-amniotic lipopolysaccharide and antenatal betamethasone. Pediatric Research, 2014, 75, 281-287.	2.3	10
60	Fetal skin as a pro-inflammatory organ: Evidence from a primate model of chorioamnionitis. PLoS ONE, 2017, 12, e0184938.	2.5	10
61	Intra-amniotic LPS modulates expression of antimicrobial peptides in the fetal sheep lung. Pediatric Research, 2014, 76, 441-447.	2.3	6
62	Effects of intra-amniotic lipopolysaccharide exposure on the fetal lamb lung as gestation advances. Pediatric Research, 2014, 75, 500-506.	2.3	5
63	Antenatal Corticosteroid Exposure Disrupts Myelination in the Auditory Nerve of Preterm Sheep. Neonatology, 2018, 114, 62-68.	2.0	3
64	Studying the Effects of Granulocyte-Macrophage Colony-Stimulating Factor on Fetal Lung Macrophages During the Perinatal Period Using the Mouse Model. Frontiers in Pediatrics, 2021, 9, 614209.	1.9	2
65	Bronchopulmonary Dysplasia—The Search for Answers Continues. Clinics in Perinatology, 2015, 42, xix-xx.	2.1	1
66	Secretor phenotype and genotype are novel predictors of severe outcomes in premature infants. FASEB Journal, 2010, 24, 480.6.	0.5	0