

# Paranthaman SenthamaraiKannan

## List of Publications by Year in Descending Order

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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.

32  
papers

801  
citations

17  
h-index

28  
g-index

36  
ext. papers

1,050  
ext. citations

5.1  
avg, IF

3.61  
L-index

#	Paper	IF	Citations
32	The induction of preterm labor in rhesus macaques is determined by the strength of immune response to intrauterine infection. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001385	9.7	1
31	IRAK1 Is a Critical Mediator of Inflammation-Induced Preterm Birth. <i>Journal of Immunology</i> , <b>2020</b> , 204, 2651-2660	5.3	6
30	Prenatal inflammation enhances antenatal corticosteroid-induced fetal lung maturation. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	3
29	TNF-Signaling Modulates Neutrophil-Mediated Immunity at the Feto-Maternal Interface During LPS-Induced Intrauterine Inflammation. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 558	8.4	13
28	Oral dosing for antenatal corticosteroids in the Rhesus macaque. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222817	3.7	6
27	Dosing and formulation of antenatal corticosteroids for fetal lung maturation and gene expression in rhesus macaques. <i>Scientific Reports</i> , <b>2019</b> , 9, 9039	4.9	18
26	Oral antenatal corticosteroids evaluated in fetal sheep. <i>Pediatric Research</i> , <b>2019</b> , 86, 589-594	3.2	8
25	Extremely preterm fetal sheep lung responses to antenatal steroids and inflammation. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 218, 349.e1-349.e10	6.4	11
24	Low-dose betamethasone-acetate for fetal lung maturation in preterm sheep. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 218, 132.e1-132.e9	6.4	29
23	IL-1 signaling mediates intrauterine inflammation and chorio-decidua neutrophil recruitment and activation. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	39
22	Intraamniotic Zika virus inoculation of pregnant rhesus macaques produces fetal neurologic disease. <i>Nature Communications</i> , <b>2018</b> , 9, 2414	17.4	42
21	Antenatal dexamethasone vs. betamethasone dosing for lung maturation in fetal sheep. <i>Pediatric Research</i> , <b>2017</b> , 81, 496-503	3.2	21
20	Type I interferons regulate susceptibility to inflammation-induced preterm birth. <i>JCI Insight</i> , <b>2017</b> , 2, e91288	9.9	38
19	Fetal skin as a pro-inflammatory organ: Evidence from a primate model of chorioamnionitis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184938	3.7	9
18	The placental membrane microbiome is altered among subjects with spontaneous preterm birth with and without chorioamnionitis. <i>American Journal of Obstetrics and Gynecology</i> , <b>2016</b> , 214, 627.e1-627.e16	6.4	175
17	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> , <b>2016</b> , 23, 69-80	3	12
16	Intra-amniotic LPS causes acute neuroinflammation in preterm rhesus macaques. <i>Journal of Neuroinflammation</i> , <b>2016</b> , 13, 238	10.1	26

15	Intra-amniotic <i>Ureaplasma parvum</i> -Induced Maternal and Fetal Inflammation and Immune Responses in Rhesus Macaques. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 1597-1604	7	24
14	Neutrophil recruitment and activation in decidua with intra-amniotic IL-1beta in the preterm rhesus macaque. <i>Biology of Reproduction</i> , <b>2015</b> , 92, 56	3.9	39
13	Fluconazole treatment of intrauterine <i>Candida albicans</i> infection in fetal sheep. <i>Pediatric Research</i> , <b>2015</b> , 77, 740-8	3.2	12
12	Oral, nasal and pharyngeal exposure to lipopolysaccharide causes a fetal inflammatory response in sheep. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119281	3.7	14
11	Ex-Vivo Uterine Environment (EVE) Therapy Induced Limited Fetal Inflammation in a Premature Lamb Model. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140701	3.7	20
10	Chorioamnionitis-induced fetal gut injury is mediated by direct gut exposure of inflammatory mediators or by lung inflammation. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, G382-93 <sup>5.1</sup>	5.1	39
9	Intrauterine <i>Candida albicans</i> infection elicits severe inflammation in fetal sheep. <i>Pediatric Research</i> , <b>2014</b> , 75, 716-22	3.2	17
8	Repeated exposure to intra-amniotic LPS partially protects against adverse effects of intravenous LPS in preterm lambs. <i>Innate Immunity</i> , <b>2014</b> , 20, 214-24	2.7	21
7	ChiS histidine kinase negatively regulates the production of chitinase ChiC in <i>Streptomyces peucetius</i> . <i>Microbiological Research</i> , <b>2014</b> , 169, 155-62	5.3	2
6	Intra-amniotic LPS modulates expression of antimicrobial peptides in the fetal sheep lung. <i>Pediatric Research</i> , <b>2014</b> , 76, 441-7	3.2	6
5	Polymyxin B agonist capture therapy for intrauterine inflammation: proof-of-principle in a fetal ovine model. <i>Reproductive Sciences</i> , <b>2014</b> , 21, 623-31	3	15
4	Intra-amniotic IL-1 $\beta$ induces fetal inflammation in rhesus monkeys and alters the regulatory T cell/IL-17 balance. <i>Journal of Immunology</i> , <b>2013</b> , 191, 1102-9	5.3	56
3	Selective exposure of the fetal lung and skin/amnion (but not gastro-intestinal tract) to LPS elicits acute systemic inflammation in fetal sheep. <i>PLoS ONE</i> , <b>2013</b> , 8, e63355	3.7	36
2	Identification of maternally regulated fetal gene networks in the placenta with a novel embryo transfer system in mice. <i>Physiological Genomics</i> , <b>2011</b> , 43, 317-24	3.6	3
1	Intergeneric conjugation in <i>Streptomyces peucetius</i> and <i>Streptomyces</i> sp. strain C5: chromosomal integration and expression of recombinant plasmids carrying the chiC gene. <i>Applied and Environmental Microbiology</i> , <b>2003</b> , 69, 84-91	4.8	40