

# Derek Miller

## List of Publications by Citations

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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.

38  
papers

1,177  
citations

20  
h-index

34  
g-index

50  
ext. papers

1,736  
ext. citations

5.1  
avg, IF

4.5  
L-index

#	Paper	IF	Citations
38	An M1-like Macrophage Polarization in Decidual Tissue during Spontaneous Preterm Labor That Is Attenuated by Rosiglitazone Treatment. <i>Journal of Immunology</i> , <b>2016</b> , 196, 2476-2491	5.3	105
37	Intra-Amniotic Administration of HMGB1 Induces Spontaneous Preterm Labor and Birth. <i>American Journal of Reproductive Immunology</i> , <b>2016</b> , 75, 3-7	3.8	90
36	Are amniotic fluid neutrophils in women with intraamniotic infection and/or inflammation of fetal or maternal origin?. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 217, 693.e1-693.e16	6.4	77
35	Effector and Activated T Cells Induce Preterm Labor and Birth That Is Prevented by Treatment with Progesterone. <i>Journal of Immunology</i> , <b>2019</b> , 202, 2585-2608	5.3	64
34	Inflammasomes: Their Role in Normal and Complicated Pregnancies. <i>Journal of Immunology</i> , <b>2019</b> , 203, 2757-2769	5.3	59
33	Clinical chorioamnionitis at term VII: the amniotic fluid cellular immune response. <i>Journal of Perinatal Medicine</i> , <b>2017</b> , 45, 523-538	2.7	58
32	Innate lymphoid cells at the human maternal-fetal interface in spontaneous preterm labor. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 79, e12820	3.8	53
31	Inhibition of the NLRP3 inflammasome can prevent sterile intra-amniotic inflammation, preterm labor/birth, and adverse neonatal outcomes. <i>Biology of Reproduction</i> , <b>2019</b> , 100, 1306-1318	3.9	53
30	The immunophenotype of amniotic fluid leukocytes in normal and complicated pregnancies. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 79, e12827	3.8	51
29	Neutrophil Extracellular Traps in the Amniotic Cavity of Women with Intra-Amniotic Infection: A New Mechanism of Host Defense. <i>Reproductive Sciences</i> , <b>2017</b> , 24, 1139-1153	3	46
28	Intra-amniotic inflammation induces preterm birth by activating the NLRP3 inflammasome. <i>Biology of Reproduction</i> , <b>2019</b> , 100, 1290-1305	3.9	46
27	Innate Lymphoid Cells in the Maternal and Fetal Compartments. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2396	8.4	41
26	Inflammation-Induced Adverse Pregnancy and Neonatal Outcomes Can Be Improved by the Immunomodulatory Peptide Exendin-4. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1291	8.4	35
25	Clinical chorioamnionitis at term IX: in vivo evidence of intra-amniotic inflammasome activation. <i>Journal of Perinatal Medicine</i> , <b>2019</b> , 47, 276-287	2.7	34
24	Neutrophil extracellular traps in acute chorioamnionitis: A mechanism of host defense. <i>American Journal of Reproductive Immunology</i> , <b>2017</b> , 77, e12617	3.8	32
23	Human $\alpha$ -Defensin-1: A natural antimicrobial peptide present in amniotic fluid that is increased in spontaneous preterm labor with intra-amniotic infection. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 80, e13031	3.8	27
22	Inflammasome assembly in the chorioamniotic membranes during spontaneous labor at term. <i>American Journal of Reproductive Immunology</i> , <b>2017</b> , 77, e12648	3.8	26

21	Fetal T Cell Activation in the Amniotic Cavity during Preterm Labor: A Potential Mechanism for a Subset of Idiopathic Preterm Birth. <i>Journal of Immunology</i> , <b>2019</b> , 203, 1793-1807	5.3	26
20	Intra-Amniotic Infection with Causes Preterm Birth and Neonatal Mortality That Are Prevented by Treatment with Clarithromycin. <i>MBio</i> , <b>2020</b> , 11,	7.8	23
19	Regulatory T Cells Play a Role in a Subset of Idiopathic Preterm Labor/Birth and Adverse Neonatal Outcomes. <i>Cell Reports</i> , <b>2020</b> , 32, 107874	10.6	23
18	Gasdermin D: Evidence of pyroptosis in spontaneous preterm labor with sterile intra-amniotic inflammation or intra-amniotic infection. <i>American Journal of Reproductive Immunology</i> , <b>2019</b> , 82, e13184	2.8	20
17	Exhausted and Senescent T Cells at the Maternal-Fetal Interface in Preterm and Term Labor. <i>Journal of Immunology Research</i> , <b>2019</b> , 2019, 3128010	4.5	20
16	Microbial burden and inflammasome activation in amniotic fluid of patients with preterm prelabor rupture of membranes. <i>Journal of Perinatal Medicine</i> , <b>2020</b> , 48, 115-131	2.7	18
15	CD71+ erythroid cells from neonates born to women with preterm labor regulate cytokine and cellular responses. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 761-775	6.5	18
14	Umbilical cord CD71+ erythroid cells are reduced in neonates born to women in spontaneous preterm labor. <i>American Journal of Reproductive Immunology</i> , <b>2016</b> , 76, 280-4	3.8	18
13	Maternal and fetal T cells in term pregnancy and preterm labor. <i>Cellular and Molecular Immunology</i> , <b>2020</b> , 17, 693-704	15.4	17
12	Cellular immune responses in amniotic fluid of women with preterm clinical chorioamnionitis. <i>Inflammation Research</i> , <b>2020</b> , 69, 203-216	7.2	17
11	The immunophenotype of decidual macrophages in acute atherosclerosis. <i>American Journal of Reproductive Immunology</i> , <b>2019</b> , 81, e13098	3.8	13
10	Maternal-fetal immune responses in pregnant women infected with SARS-CoV-2. <i>Nature Communications</i> , <b>2022</b> , 13, 320	17.4	13
9	RNA Sequencing Reveals Diverse Functions of Amniotic Fluid Neutrophils and Monocytes/Macrophages in Intra-Amniotic Infection. <i>Journal of Innate Immunity</i> , <b>2021</b> , 13, 63-82	6.9	13
8	Human $\alpha$ -defensin-3 participates in intra-amniotic host defense in women with labor at term, spontaneous preterm labor and intact membranes, and preterm prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 33, 4117-4132	2	12
7	Cellular immune responses in the pathophysiology of preeclampsia. <i>Journal of Leukocyte Biology</i> , <b>2021</b> ,	6.5	7
6	Gasdermin D: evidence of pyroptosis in spontaneous labor at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2021</b> , 34, 569-579	2	5
5	The Distinct Immune Nature of the Fetal Inflammatory Response Syndrome Type I and Type II. <i>ImmunoHorizons</i> , <b>2021</b> , 5, 735-751	2.7	4
4	Maternal-Fetal Immune Responses in Pregnant Women Infected with SARS-CoV-2 <b>2021</b> ,		3

3	Cellular immune responses in amniotic fluid of women with a sonographic short cervix. <i>Journal of Perinatal Medicine</i> , <b>2020</b> , 48, 665-676	2.7	2
2	IL-22 Plays a Dual Role in the Amniotic Cavity: Tissue Injury and Host Defense against Microbes in Preterm Labor.. <i>Journal of Immunology</i> , <b>2022</b> , 208, 1595-1615	5.3	1
1	Human Chorionic Gonadotropin Modulates the Transcriptome of the Myometrium and Cervix in Late Gestation. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 2246-2260	3	0