

Nardhy Gomez-Lopez

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.

158 papers	4,750 citations	41 h-index	61 g-index
200 ext. papers	6,639 ext. citations	4.9 avg, IF	5.89 L-index

#	Paper	IF	Citations
158	Maternal-fetal immune responses in pregnant women infected with SARS-CoV-2.. <i>Nature Communications</i> , 2022 , 13, 320	17.4	13
157	The amniotic fluid proteome changes with gestational age in normal pregnancy: a cross-sectional study.. <i>Scientific Reports</i> , 2022 , 12, 601	4.9	1
156	The etiology of preeclampsia.. <i>American Journal of Obstetrics and Gynecology</i> , 2022 , 226, S844-S866	6.4	9
155	Does the Amniotic Fluid of Mice Contain a Viable Microbiota?. <i>Frontiers in Immunology</i> , 2022 , 13, 820366	8.4	1
154	Study protocol to quantify the genetic architecture of sonographic cervical length and its relationship to spontaneous preterm birth.. <i>BMJ Open</i> , 2022 , 12, e053631	3	0
153	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> , 2022 , 208, 1595-1615	5.3	1
152	Gestational Age Dependence of the Maternal Circulating Long Non-Coding RNA Transcriptome During Normal Pregnancy Highlights Antisense and Pseudogene Transcripts. <i>Frontiers in Genetics</i> , 2021 , 12, 760849	4.5	1
151	Fetal side of the placenta: anatomical mis-annotation of carbon particle transfer across the human placenta. <i>Nature Communications</i> , 2021 , 12, 7049	17.4	0
150	Optimization and validation of two multiplex qPCR assays for the rapid detection of microorganisms commonly invading the amniotic cavity.. <i>Journal of Reproductive Immunology</i> , 2021 , 149, 103460	4.2	1
149	Macrophages exert homeostatic actions in pregnancy to protect against preterm birth and fetal inflammatory injury. <i>JCI Insight</i> , 2021 , 6,	9.9	4
148	HSP70: an alarmin that does not induce high rates of preterm birth but does cause adverse neonatal outcomes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 4110-4118	2	8
147	Maternal whole blood mRNA signatures identify women at risk of early preeclampsia: a longitudinal study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 3463-3474	2	16
146	Maternal-Fetal Immune Responses in Pregnant Women Infected with SARS-CoV-2 2021 ,		3
145	Human Chorionic Gonadotropin Modulates the Transcriptome of the Myometrium and Cervix in Late Gestation. <i>Reproductive Sciences</i> , 2021 , 28, 2246-2260	3	0
144	: an emerging pathogen in female reproductive disease and adverse perinatal outcomes. <i>Critical Reviews in Microbiology</i> , 2021 , 47, 517-542	7.8	1
143	RNA Sequencing Reveals Distinct Immune Responses in the Chorioamniotic Membranes of Women with Preterm Labor and Microbial or Sterile Intra-amniotic Inflammation. <i>Infection and Immunity</i> , 2021 , 89,	3.7	5
142	Cellular immune responses in the pathophysiology of preeclampsia. <i>Journal of Leukocyte Biology</i> , 2021 ,	6.5	7

141	Betamethasone as a potential treatment for preterm birth associated with sterile intra-amniotic inflammation: a murine study. <i>Journal of Perinatal Medicine</i> , 2021 , 49, 897-906	2.7	2
140	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth. <i>Cell Reports Medicine</i> , 2021 , 2, 100323	18	5
139	The amniotic fluid cell-free transcriptome in spontaneous preterm labor. <i>Scientific Reports</i> , 2021 , 11, 13481	4.9	2
138	Preterm labor is characterized by a high abundance of amniotic fluid prostaglandins in patients with intra-amniotic infection or sterile intra-amniotic inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 4009-4024	2	14
137	Gasdermin D: evidence of pyroptosis in spontaneous labor at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 569-579	2	5
136	Vaginal host immune-microbiome interactions in a cohort of primarily African-American women who ultimately underwent spontaneous preterm birth or delivered at term. <i>Cytokine</i> , 2021 , 137, 155316 ⁴		7
135	RNA Sequencing Reveals Diverse Functions of Amniotic Fluid Neutrophils and Monocytes/Macrophages in Intra-Amniotic Infection. <i>Journal of Innate Immunity</i> , 2021 , 13, 63-82	6.9	13
134	Disorders of placental villous maturation are present in one-third of cases with spontaneous preterm labor. <i>Journal of Perinatal Medicine</i> , 2021 , 49, 412-430	2.7	1
133	Bacteria in the amniotic fluid without inflammation: early colonization vs. contamination. <i>Journal of Perinatal Medicine</i> , 2021 , 49, 1103-1121	2.7	4
132	The Distinct Immune Nature of the Fetal Inflammatory Response Syndrome Type I and Type II. <i>ImmunoHorizons</i> , 2021 , 5, 735-751	2.7	4
131	Clinical chorioamnionitis at term X: microbiology, clinical signs, placental pathology, and neonatal bacteremia - implications for clinical care. <i>Journal of Perinatal Medicine</i> , 2021 , 49, 275-298	2.7	4
130	The nature of the immune response in microbial-associated and sterile intraamniotic inflammation 2021 , 207-237		0
129	The fetal inflammatory response syndrome: the origins of a concept, pathophysiology, diagnosis, and obstetrical implications. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020 , 25, 101146	3.7	4 ¹
128	A Protocol for Evaluating Vital Signs and Maternal-Fetal Parameters Using High-Resolution Ultrasound in Pregnant Mice. <i>STAR Protocols</i> , 2020 , 1, 100134	1.4	1
127	Lack of Evidence for Microbiota in the Placental and Fetal Tissues of Rhesus Macaques. <i>MSphere</i> , 2020 , 5,	5	15
126	No Consistent Evidence for Microbiota in Murine Placental and Fetal Tissues. <i>MSphere</i> , 2020 , 5,	5	24
125	Maternal and fetal T cells in term pregnancy and preterm labor. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 693-704	15.4	17
124	Prenatal Maternal Stress Causes Preterm Birth and Affects Neonatal Adaptive Immunity in Mice. <i>Frontiers in Immunology</i> , 2020 , 11, 254	8.4	11

123	Intra-Amniotic Infection with Causes Preterm Birth and Neonatal Mortality That Are Prevented by Treatment with Clarithromycin. <i>MBio</i> , 2020 , 11,	7.8	23
122	Cellular immune responses in amniotic fluid of women with preterm prelabor rupture of membranes. <i>Journal of Perinatal Medicine</i> , 2020 , 48, 222-233	2.7	24
121	Separating the signal from the noise in metagenomic cell-free DNA sequencing. <i>Microbiome</i> , 2020 , 8, 18	16.6	13
120	Amniotic fluid cell-free transcriptome: a glimpse into fetal development and placental cellular dynamics during normal pregnancy. <i>BMC Medical Genomics</i> , 2020 , 13, 25	3.7	11
119	Compartmentalized profiling of amniotic fluid cytokines in women with preterm labor. <i>PLoS ONE</i> , 2020 , 15, e0227881	3.7	23
118	Microbial burden and inflammasome activation in amniotic fluid of patients with preterm prelabor rupture of membranes. <i>Journal of Perinatal Medicine</i> , 2020 , 48, 115-131	2.7	18
117	The effects of advanced maternal age on T-cell subsets at the maternal-fetal interface prior to term labor and in the offspring: a mouse study. <i>Clinical and Experimental Immunology</i> , 2020 , 201, 58-75	6.2	4
116	Disorders of placental villous maturation in fetal death. <i>Journal of Perinatal Medicine</i> , 2020 ,	2.7	7
115	Cellular immune responses in amniotic fluid of women with a sonographic short cervix. <i>Journal of Perinatal Medicine</i> , 2020 , 48, 665-676	2.7	2
114	Does the human placenta express the canonical cell entry mediators for SARS-CoV-2?. <i>ELife</i> , 2020 , 9,	8.9	145
113	Pregnancy-specific transcriptional changes upon endotoxin exposure in mice. <i>Journal of Perinatal Medicine</i> , 2020 , 48, 700-722	2.7	0
112	Maternal circulating concentrations of soluble Fas and Elabela in early- and late-onset preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-14	2	8
111	Cervical insufficiency, amniotic fluid sludge, intra-amniotic infection, and maternal bacteremia: the need for a point-of-care test to assess inflammation and bacteria in amniotic fluid. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-7	2	3
110	Cell-Free Fetal DNA Increases Prior to Labor at Term and in a Subset of Preterm Births. <i>Reproductive Sciences</i> , 2020 , 27, 218-232	3	4
109	Cellular immune responses in amniotic fluid of women with preterm clinical chorioamnionitis. <i>Inflammation Research</i> , 2020 , 69, 203-216	7.2	17
108	The alarmin interleukin-1 β causes preterm birth through the NLRP3 inflammasome. <i>Molecular Human Reproduction</i> , 2020 , 26, 712-726	4.4	9
107	Prostaglandin and prostamide concentrations in amniotic fluid of women with spontaneous labor at term with and without clinical chorioamnionitis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020 , 163, 102195	2.8	3
106	Regulatory T Cells Play a Role in a Subset of Idiopathic Preterm Labor/Birth and Adverse Neonatal Outcomes. <i>Cell Reports</i> , 2020 , 32, 107874	10.6	23

105	MicroRNAs isolated from peripheral blood in the first trimester predict spontaneous preterm birth. <i>PLoS ONE</i> , 2020 , 15, e0236805	3.7	6
104	Human β -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> , 2020 , 33, 4117-4132	2	12
103	ELABELA plasma concentrations are increased in women with late-onset preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 33, 5-15	2	26
102	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> , 2019 , 82, e13184	3.8	20
101	The origin of amniotic fluid monocytes/macrophages in women with intra-amniotic inflammation or infection. <i>Journal of Perinatal Medicine</i> , 2019 , 47, 822-840	2.7	26
100	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> , 2019 , 203, 1793-1807	5.3	26
99	Targeted expression profiling by RNA-Seq improves detection of cellular dynamics during pregnancy and identifies a role for T cells in term parturition. <i>Scientific Reports</i> , 2019 , 9, 848	4.9	23
98	Exhausted and Senescent T Cells at the Maternal-Fetal Interface in Preterm and Term Labor. <i>Journal of Immunology Research</i> , 2019 , 2019, 3128010	4.5	20
97	QUEST MRI assessment of fetal brain oxidative stress in utero. <i>NeuroImage</i> , 2019 , 200, 601-606	7.9	2
96	The prediction of early preeclampsia: Results from a longitudinal proteomics study. <i>PLoS ONE</i> , 2019 , 14, e0217273	3.7	41
95	17: Photoacoustic imaging of the uterine cervix: a novel method to characterize tissue composition. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 220, S14-S15	6.4	2
94	Does the human placenta delivered at term have a microbiota? Results of cultivation, quantitative real-time PCR, 16S rRNA gene sequencing, and metagenomics. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 220, 267.e1-267.e39	6.4	121
93	Effector and Activated T Cells Induce Preterm Labor and Birth That Is Prevented by Treatment with Progesterone. <i>Journal of Immunology</i> , 2019 , 202, 2585-2608	5.3	64
92	The immunophenotype of decidual macrophages in acute atherosclerosis. <i>American Journal of Reproductive Immunology</i> , 2019 , 81, e13098	3.8	13
91	Cellular immune responses in amniotic fluid of women with preterm labor and intra-amniotic infection or intra-amniotic inflammation. <i>American Journal of Reproductive Immunology</i> , 2019 , 82, e13174	3.8	30
90	Does the endometrial cavity have a molecular microbial signature?. <i>Scientific Reports</i> , 2019 , 9, 9905	4.9	55
89	Reducing maternal mortality: can elabela help in this fight?. <i>Lancet, The</i> , 2019 , 394, 8-9	4.0	6
88	Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin β 1 Is a Modulator of Extravillous Trophoblast Functions. <i>Cells</i> , 2019 , 8,	7.9	13

87	Evidence that intra-amniotic infections are often the result of an ascending invasion - a molecular microbiological study. <i>Journal of Perinatal Medicine</i> , 2019 , 47, 915-931	2.7	60
86	Photoacoustic imaging of the uterine cervix to assess collagen and water content changes in murine pregnancy. <i>Biomedical Optics Express</i> , 2019 , 10, 4643-4655	3.5	13
85	Single cell transcriptional signatures of the human placenta in term and preterm parturition. <i>ELife</i> , 2019 , 8,	8.9	79
84	Author response: Single cell transcriptional signatures of the human placenta in term and preterm parturition 2019 ,		2
83	Are B cells altered in the decidua of women with preterm or term labor?. <i>American Journal of Reproductive Immunology</i> , 2019 , 81, e13102	3.8	17
82	Inflammasomes: Their Role in Normal and Complicated Pregnancies. <i>Journal of Immunology</i> , 2019 , 203, 2757-2769	5.3	59
81	The Cellular Transcriptome in the Maternal Circulation During Normal Pregnancy: A Longitudinal Study. <i>Frontiers in Immunology</i> , 2019 , 10, 2863	8.4	20
80	Intra-amniotic inflammation induces preterm birth by activating the NLRP3 inflammasome \square <i>Biology of Reproduction</i> , 2019 , 100, 1290-1305	3.9	46
79	Inhibition of the NLRP3 inflammasome can prevent sterile intra-amniotic inflammation, preterm labor/birth, and adverse neonatal outcomes \square <i>Biology of Reproduction</i> , 2019 , 100, 1306-1318	3.9	53
78	Clinical chorioamnionitis at term IX: in vivo evidence of intra-amniotic inflammasome activation. <i>Journal of Perinatal Medicine</i> , 2019 , 47, 276-287	2.7	34
77	Choriodecidual leukocytes display a unique gene expression signature in spontaneous labor at term. <i>Genes and Immunity</i> , 2019 , 20, 56-68	4.4	13
76	In vivo evidence of inflammasome activation during spontaneous labor at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 1978-1991	2	26
75	Innate lymphoid cells at the human maternal-fetal interface in spontaneous preterm labor. <i>American Journal of Reproductive Immunology</i> , 2018 , 79, e12820	3.8	53
74	The immunophenotype of amniotic fluid leukocytes in normal and complicated pregnancies. <i>American Journal of Reproductive Immunology</i> , 2018 , 79, e12827	3.8	51
73	Alloreactive fetal T cells promote uterine contractility in preterm labor via IFN- γ and TNF- α <i>Science Translational Medicine</i> , 2018 , 10,	17.5	61
72	CD71+ erythroid cells from neonates born to women with preterm labor regulate cytokine and cellular responses. <i>Journal of Leukocyte Biology</i> , 2018 , 103, 761-775	6.5	18
71	Novel expression of CD11b in epithelial ovarian cancer: Potential therapeutic target. <i>Gynecologic Oncology</i> , 2018 , 148, 567-575	4.9	4
70	Spontaneous preterm birth: advances toward the discovery of genetic predisposition. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 294-314.e2	6.4	78

69	A Role for the Inflammasome in Spontaneous Labor at Term. <i>American Journal of Reproductive Immunology</i> , 2018 , 79, e12440	3.8	72
68	Intra-amniotic administration of lipopolysaccharide induces spontaneous preterm labor and birth in the absence of a body temperature change. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018 , 31, 439-446	2	32
67	Chronic inflammatory lesions of the placenta are associated with an up-regulation of amniotic fluid CXCR3: A marker of allograft rejection. <i>Journal of Perinatal Medicine</i> , 2018 , 46, 123-137	2.7	19
66	Inflammation-Induced Adverse Pregnancy and Neonatal Outcomes Can Be Improved by the Immunomodulatory Peptide Exendin-4. <i>Frontiers in Immunology</i> , 2018 , 9, 1291	8.4	35
65	Extracellular vesicles generated by placental tissues ex vivo: A transport system for immune mediators and growth factors. <i>American Journal of Reproductive Immunology</i> , 2018 , 80, e12860	3.8	26
64	Human α -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> , 2018 , 80, e13031	3.8	27
63	Clinical Chorioamnionitis at Term: New Insights into the Etiology, Microbiology, and the Fetal, Maternal and Amniotic Cavity Inflammatory Responses 2018 , 20, 103-112		8
62	Multi-parametric acoustic imaging of cervix for more accurate detection of patients at risk of preterm birth 2018 ,		1
61	Innate Lymphoid Cells in the Maternal and Fetal Compartments. <i>Frontiers in Immunology</i> , 2018 , 9, 2396	8.4	41
60	Inflammasome activation during spontaneous preterm labor with intra-amniotic infection or sterile intra-amniotic inflammation. <i>American Journal of Reproductive Immunology</i> , 2018 , 80, e13049	3.8	55
59	Neutrophil extracellular traps in acute chorioamnionitis: A mechanism of host defense. <i>American Journal of Reproductive Immunology</i> , 2017 , 77, e12617	3.8	32
58	A Role for the Inflammasome in Spontaneous Preterm Labor With Acute Histologic Chorioamnionitis. <i>Reproductive Sciences</i> , 2017 , 24, 1382-1401	3	70
57	Inflammasome assembly in the chorioamniotic membranes during spontaneous labor at term. <i>American Journal of Reproductive Immunology</i> , 2017 , 77, e12648	3.8	26
56	Twenty-four percent of patients with clinical chorioamnionitis in preterm gestations have no evidence of either culture-proven intraamniotic infection or intraamniotic inflammation. <i>American Journal of Obstetrics and Gynecology</i> , 2017 , 216, 604.e1-604.e11	6.4	66
55	The cytokine network in women with an asymptomatic short cervix and the risk of preterm delivery. <i>American Journal of Reproductive Immunology</i> , 2017 , 78, e12686	3.8	21
54	Rosiglitazone Regulates TLR4 and Rescues HO-1 and NRF2 Expression in Myometrial and Decidual Macrophages in Inflammation-Induced Preterm Birth. <i>Reproductive Sciences</i> , 2017 , 24, 1590-1599	3	29
53	In vivo activation of invariant natural killer T cells induces systemic and local alterations in T-cell subsets prior to preterm birth. <i>Clinical and Experimental Immunology</i> , 2017 , 189, 211-225	6.2	29
52	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> , 2017 , 217, 693.e1-693.e16	6.4	77

51	Preterm labor in the absence of acute histologic chorioamnionitis is characterized by cellular senescence of the chorioamniotic membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2017 , 217, 592.e1-592.e17	6.4	45
50	Amniotic fluid neutrophils can phagocytize bacteria: A mechanism for microbial killing in the amniotic cavity. <i>American Journal of Reproductive Immunology</i> , 2017 , 78, e12723	3.8	50
49	Mutations in fetal genes involved in innate immunity and host defense against microbes increase risk of preterm premature rupture of membranes (PPROM). <i>Molecular Genetics & Genomic Medicine</i> , 2017 , 5, 720-729	2.3	27
48	A Role for the Inflammasome in Spontaneous Labor at Term with Acute Histologic Chorioamnionitis. <i>Reproductive Sciences</i> , 2017 , 24, 934-953	3	31
47	Clinical chorioamnionitis at term VII: the amniotic fluid cellular immune response. <i>Journal of Perinatal Medicine</i> , 2017 , 45, 523-538	2.7	58
46	Neutrophil Extracellular Traps in the Amniotic Cavity of Women with Intra-Amniotic Infection: A New Mechanism of Host Defense. <i>Reproductive Sciences</i> , 2017 , 24, 1139-1153	3	46
45	Characteristic Changes in Decidual Gene Expression Signature in Spontaneous Term Parturition. <i>Journal of Pathology and Translational Medicine</i> , 2017 , 51, 264-283	2.9	15
44	Fetal death: an extreme manifestation of maternal anti-fetal rejection. <i>Journal of Perinatal Medicine</i> , 2017 , 45, 851-868	2.7	18
43	Interleukin-6 controls uterine Th9 cells and CD8(+) T regulatory cells to accelerate parturition in mice. <i>Immunology and Cell Biology</i> , 2016 , 94, 79-89	5	35
42	An imbalance between innate and adaptive immune cells at the maternal-fetal interface occurs prior to endotoxin-induced preterm birth. <i>Cellular and Molecular Immunology</i> , 2016 , 13, 462-73	15.4	56
41	Folate receptor targeted three-layered micelles and hydrogels for gene delivery to activated macrophages. <i>Journal of Controlled Release</i> , 2016 , 244, 269-279	11.7	29
40	HMGB1 Induces an Inflammatory Response in the Chorioamniotic Membranes That Is Partially Mediated by the Inflammasome. <i>Biology of Reproduction</i> , 2016 , 95, 130	3.9	68
39	Development and Validation of a Rex1-RFP Potency Activity Reporter Assay That Quantifies Stress-Forced Potency Loss in Mouse Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2016 , 25, 320-8	4.4	11
38	An M1-like Macrophage Polarization in Decidual Tissue during Spontaneous Preterm Labor That Is Attenuated by Rosiglitazone Treatment. <i>Journal of Immunology</i> , 2016 , 196, 2476-2491	5.3	105
37	Invariant NKT Cell Activation Induces Late Preterm Birth That Is Attenuated by Rosiglitazone. <i>Journal of Immunology</i> , 2016 , 196, 1044-59	5.3	55
36	Hypoxic Stress Forces Irreversible Differentiation of a Majority of Mouse Trophoblast Stem Cells Despite FGF4. <i>Biology of Reproduction</i> , 2016 , 95, 110	3.9	15
35	Human Chorionic Gonadotropin Has Anti-Inflammatory Effects at the Maternal-Fetal Interface and Prevents Endotoxin-Induced Preterm Birth, but Causes Dystocia and Fetal Compromise in Mice. <i>Biology of Reproduction</i> , 2016 , 94, 136	3.9	25
34	In vivo T-cell activation by a monoclonal CD3 antibody induces preterm labor and birth. <i>American Journal of Reproductive Immunology</i> , 2016 , 76, 386-390	3.8	24

33	Umbilical cord CD71+ erythroid cells are reduced in neonates born to women in spontaneous preterm labor. <i>American Journal of Reproductive Immunology</i> , 2016 , 76, 280-4	3.8	18
32	Intra-Amniotic Administration of HMGB1 Induces Spontaneous Preterm Labor and Birth. <i>American Journal of Reproductive Immunology</i> , 2016 , 75, 3-7	3.8	90
31	Isolation of Leukocytes from the Murine Tissues at the Maternal-Fetal Interface. <i>Journal of Visualized Experiments</i> , 2015 , e52866	1.6	23
30	Chemotactic activity of gestational tissues through late pregnancy, term labor, and RU486-induced preterm labor in Guinea pigs. <i>American Journal of Reproductive Immunology</i> , 2015 , 73, 341-52	3.8	16
29	Vaginal progesterone, but not 17 β -hydroxyprogesterone caproate, has antiinflammatory effects at the murine maternal-fetal interface. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 213, 846.e1-846.e19	6.4	54
28	Evaluation of reference genes for expression studies in leukocytes from term human pregnancy. <i>Placenta</i> , 2015 , 36, 240-5	3.4	7
27	Isolation of Leukocytes from the Human Maternal-fetal Interface. <i>Journal of Visualized Experiments</i> , 2015 , e52863	1.6	32
26	Transcriptomics of maternal and fetal membranes can discriminate between gestational-age matched preterm neonates with and without cognitive impairment diagnosed at 18-24 months. <i>PLoS ONE</i> , 2015 , 10, e0118573	3.7	13
25	Immune cells in term and preterm labor. <i>Cellular and Molecular Immunology</i> , 2014 , 11, 571-81	15.4	234
24	Choriodecidual cells from term human pregnancies show distinctive functional properties related to the induction of labor. <i>American Journal of Reproductive Immunology</i> , 2014 , 71, 86-93	3.8	26
23	Maternal circulating leukocytes display early chemotactic responsiveness during late gestation. <i>BMC Pregnancy and Childbirth</i> , 2013 , 13 Suppl 1, S8	3.2	48
22	Working memory performance in young adults is associated to the AATn polymorphism of the CNR1 gene. <i>Behavioural Brain Research</i> , 2013 , 236, 62-66	3.4	21
21	The apoptotic pathway in fertile and subfertile men: a case-control and prospective study to examine the impact of merocyanine 540 bodies on ejaculated spermatozoa. <i>Fertility and Sterility</i> , 2013 , 99, 1242-8	4.8	7
20	Evidence for a role for the adaptive immune response in human term parturition. <i>American Journal of Reproductive Immunology</i> , 2013 , 69, 212-30	3.8	99
19	Normal and premature rupture of fetal membranes at term delivery differ in regional chemotactic activity and related chemokine/cytokine production. <i>Reproductive Sciences</i> , 2013 , 20, 276-84	3	43
18	Interleukin-6 in pregnancy and gestational disorders. <i>Journal of Reproductive Immunology</i> , 2012 , 95, 1-14	4.2	166
17	The pathophysiology of preeclampsia involves altered levels of angiogenic factors promoted by hypoxia and autoantibody-mediated mechanisms. <i>Biology of Reproduction</i> , 2012 , 87, 36	3.9	30
16	T regulatory cells: regulating both term and preterm labor?. <i>Immunology and Cell Biology</i> , 2012 , 90, 919-30	3	13

15	Involvement of the AATn polymorphism of the CNR1 gene in the efficiency of procedural learning in humans. <i>Neuroscience Letters</i> , 2011 , 494, 202-6	3.3	8
14	Combined boyden-flow cytometry assay improves quantification and provides phenotypification of leukocyte chemotaxis. <i>PLoS ONE</i> , 2011 , 6, e28771	3.7	8
13	Choriodecidua and amnion exhibit selective leukocyte chemotaxis during term human labor. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, 364.e9-16	6.4	44
12	Specific inflammatory microenvironments in the zones of the fetal membranes at term delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 205, 235.e15-24	6.4	61
11	The role of chemokines in term and premature rupture of the fetal membranes: a review. <i>Biology of Reproduction</i> , 2010 , 82, 809-14	3.9	63
10	Interaction between pathogenic bacteria and intrauterine leukocytes triggers alternative molecular signaling cascades leading to labor in women. <i>Infection and Immunity</i> , 2010 , 78, 4792-9	3.7	35
9	Invasion of the leukocytes into the fetal-maternal interface during pregnancy. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 625-33	6.5	118
8	An immunological insight into the origins of pre-eclampsia. <i>Human Reproduction Update</i> , 2010 , 16, 510-24	5.8	151
7	The effect of age on the expression of apoptosis biomarkers in human spermatozoa. <i>Fertility and Sterility</i> , 2010 , 94, 2609-14	4.8	29
6	Placental blood leukocytes are functional and phenotypically different than peripheral leukocytes during human labor. <i>Journal of Reproductive Immunology</i> , 2010 , 84, 100-10	4.2	31
5	Fetal membranes exhibit selective leukocyte chemotactic activity during human labor. <i>Journal of Reproductive Immunology</i> , 2009 , 80, 122-31	4.2	91
4	Separating the signal from the noise in metagenomic cell-free DNA sequencing		1
3	Does the human placenta express the canonical cell entry mediators for SARS-CoV-2?		6
2	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth		1
1	Single Cell Transcriptional Signatures of the Human Placenta in Term and Preterm Parturition		3