

# Roberto Romero

## List of Publications by Year in descending order

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1,443  
papers

118,092  
citations

179

156  
h-index

498

275  
g-index

1510  
all docs

1510  
docs citations

1510  
times ranked

50877  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology and causes of preterm birth. <i>Lancet</i> , The, 2008, 371, 75-84.	6.3	5,851
2	Soluble Endoglin and Other Circulating Antiangiogenic Factors in Preeclampsia. <i>New England Journal of Medicine</i> , 2006, 355, 992-1005.	13.9	1,666
3	Soluble endoglin contributes to the pathogenesis of preeclampsia. <i>Nature Medicine</i> , 2006, 12, 642-649.	15.2	1,653
4	Preterm labor: One syndrome, many causes. <i>Science</i> , 2014, 345, 760-765.	6.0	1,478
5	The "Great Obstetrical Syndromes" are associated with disorders of deep placentation. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, 193-201.	0.7	1,177
6	The preterm parturition syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006, 113, 17-42.	1.1	1,057
7	A systems biology approach for pathway level analysis. <i>Genome Research</i> , 2007, 17, 1537-1545.	2.4	1,036
8	The fetal inflammatory response syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 179, 194-202.	0.7	989
9	A novel signaling pathway impact analysis. <i>Bioinformatics</i> , 2009, 25, 75-82.	1.8	950
10	A review of premature birth and subclinical infection. <i>American Journal of Obstetrics and Gynecology</i> , 1992, 166, 1515-1528.	0.7	827
11	Pre-eclampsia part 1: current understanding of its pathophysiology. <i>Nature Reviews Nephrology</i> , 2014, 10, 466-480.	4.1	786
12	Vaginal progesterone reduces the rate of preterm birth in women with a sonographic short cervix: a multicenter, randomized, double-blind, placebo-controlled trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 18-31.	0.9	778
13	Amniotic fluid inflammatory cytokines (interleukin-6, interleukin-1 $\beta$ , and tumor necrosis factor- $\alpha$ ), neonatal brain white matter lesions, and cerebral palsy. <i>American Journal of Obstetrics and Gynecology</i> , 1997, 177, 19-26.	0.7	751
14	Fetal exposure to an intra-amniotic inflammation and the development of cerebral palsy at the age of three years. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 182, 675-681.	0.7	731
15	Twenty percent of very preterm neonates (23-32 weeks of gestation) are born with bacteremia caused by genital <i>Mycoplasmas</i> . <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 1-3.	0.7	723
16	The Role of Inflammation and Infection in Preterm Birth. <i>Seminars in Reproductive Medicine</i> , 2007, 25, 021-039.	0.5	714
17	Acute chorioamnionitis and funisitis: definition, pathologic features, and clinical significance. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S29-S52.	0.7	689
18	Infection and Preterm Labor. <i>Clinical Obstetrics and Gynecology</i> , 1988, 31, 553-584.	0.6	677

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19	Infection and labor V. Prevalence, microbiology, and clinical significance of intraamniotic infection in women with preterm labor and intact membranes. American Journal of Obstetrics and Gynecology, 1989, 161, 817-824.	0.7	655
20	Microbial Prevalence, Diversity and Abundance in Amniotic Fluid During Preterm Labor: A Molecular and Culture-Based Investigation. PLoS ONE, 2008, 3, e3056.	1.1	653
21	Taking the American Journal of Obstetrics & Gynecology into the 21st century. American Journal of Obstetrics and Gynecology, 2007, 196, 1-2.	0.7	648
22	The composition and stability of the vaginal microbiota of normal pregnant women is different from that of non-pregnant women. Microbiome, 2014, 2, 4.	4.9	607
23	Infection and labor. American Journal of Obstetrics and Gynecology, 1989, 160, 1117-1123.	0.7	605
24	Inflammation in preterm and term labour and delivery. Seminars in Fetal and Neonatal Medicine, 2006, 11, 317-326.	1.1	598
25	A longitudinal study of angiogenic (placental growth factor) and anti-angiogenic (soluble endoglin) Tj ETQq1 1 0.784314 rgBT /Overlock destined to develop preeclampsia and deliver a small for gestational age neonate. Journal of Maternal-Fetal and Neonatal Medicine, 2008, 21, 9-23.	0.7	592
26	Interleukin-6 concentrations in umbilical cord plasma are elevated in neonates with white matter lesions associated with periventricular leukomalacia. American Journal of Obstetrics and Gynecology, 1996, 174, 1433-1440.	0.7	563
27	The International Federation of Gynecology and Obstetrics (<scp>FIGO</scp>) initiative on pre-eclampsia: A pragmatic guide for first-trimester screening and prevention. International Journal of Gynecology and Obstetrics, 2019, 145, 1-33.	1.0	550
28	Clinical significance of intra-amniotic inflammation in patients with preterm labor and intact membranes. American Journal of Obstetrics and Gynecology, 2001, 185, 1130-1136.	0.7	543
29	Prevention of Preeclampsia with Low-Dose Aspirin in Healthy, Nulliparous Pregnant Women. New England Journal of Medicine, 1993, 329, 1213-1218.	13.9	538
30	Amniotic fluid interleukin 6 in preterm labor. Association with infection.. Journal of Clinical Investigation, 1990, 85, 1392-1400.	3.9	509
31	Intrauterine infection and prematurity. Mental Retardation and Developmental Disabilities Research Reviews, 2002, 8, 3-13.	3.5	506
32	A fetal systemic inflammatory response is followed by the spontaneous onset of preterm parturition. American Journal of Obstetrics and Gynecology, 1998, 179, 186-193.	0.7	500
33	Machine Learning and Its Applications to Biology. PLoS Computational Biology, 2007, 3, e116.	1.5	490
34	Amniotic fluid interleukin-6: A sensitive test for antenatal diagnosis of acute inflammatory lesions of preterm placenta and prediction of perinatal morbidity. American Journal of Obstetrics and Gynecology, 1995, 172, 960-970.	0.7	485
35	The Fetal Inflammatory Response Syndrome. Clinical Obstetrics and Gynecology, 2007, 50, 652-683.	0.6	480
36	Amniotic fluid cytokines (interleukin-6, tumor necrosis factor- $\alpha$ , interleukin-1 $\beta$ , and interleukin-8) and the risk for the development of bronchopulmonary dysplasia. American Journal of Obstetrics and Gynecology, 1997, 177, 825-830.	0.7	469

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37	Infection and labor. American Journal of Obstetrics and Gynecology, 1989, 161, 336-341.	0.7	447
38	Vaginal progesterone in women with an asymptomatic sonographic short cervix in the midtrimester decreases preterm delivery and neonatal morbidity: a systematic review and metaanalysis of individual patient data. American Journal of Obstetrics and Gynecology, 2012, 206, 124.e1-124.e19.	0.7	429
39	Funisitis and chorionic vasculitis: the histological counterpart of the fetal inflammatory response syndrome. Journal of Maternal-Fetal and Neonatal Medicine, 2002, 11, 18-25.	0.7	407
40	The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis. American Journal of Obstetrics and Gynecology, 2000, 183, 1124-1129.	0.7	404
41	A comparative study of the diagnostic performance of amniotic fluid glucose, white blood cell count, interleukin-6, and Gram stain in the detection of microbial invasion in patients with preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 1993, 169, 839-851.	0.7	396
42	Primary, secondary, and tertiary interventions to reduce the morbidity and mortality of preterm birth. Lancet, The, 2008, 371, 164-175.	6.3	392
43	Prevalence and Clinical Significance of Sterile Intra-amniotic Inflammation in Patients with Preterm Labor and Intact Membranes. American Journal of Reproductive Immunology, 2014, 72, 458-474.	1.2	382
44	A profile of Emanuel A. Friedman, MD, DMedSci. American Journal of Obstetrics and Gynecology, 2016, 215, 413-414.	0.7	379
45	The vaginal microbiome: new information about genital tract flora using molecular based techniques. BJOG: an International Journal of Obstetrics and Gynaecology, 2011, 118, 533-549.	1.1	376
46	Chronic inflammation of the placenta: definition, classification, pathogenesis, and clinical significance. American Journal of Obstetrics and Gynecology, 2015, 213, S53-S69.	0.7	376
47	Amniotic fluid embolism: an evidence-based review. American Journal of Obstetrics and Gynecology, 2009, 201, 445.e1-445.e13.	0.7	374
48	Distinct subsets of microRNAs are expressed differentially in the human placentas of patients with preeclampsia. American Journal of Obstetrics and Gynecology, 2007, 196, 261.e1-261.e6.	0.7	373
49	The diagnostic and prognostic value of amniotic fluid white blood cell count, glucose, interleukin-6, and Gram stain in patients with preterm labor and intact membranes. American Journal of Obstetrics and Gynecology, 1993, 169, 805-816.	0.7	370
50	High expression of tumor necrosis factor- $\alpha$ and interleukin-6 in periventricular leukomalacia. American Journal of Obstetrics and Gynecology, 1997, 177, 406-411.	0.7	368
51	Tumor necrosis factor in preterm and term labor. American Journal of Obstetrics and Gynecology, 1992, 166, 1576-1587.	0.7	367
52	Interleukin- $\alpha$ and Interleukin- $\beta$ in Preterm and Term Human Parturition. American Journal of Reproductive Immunology, 1992, 27, 117-123.	1.2	366
53	The vaginal microbiota of pregnant women who subsequently have spontaneous preterm labor and delivery and those with a normal delivery at term. Microbiome, 2014, 2, 18.	4.9	361
54	Neutrophil attractant/activating peptide-1 / interleukin-8 in term and preterm parturition. American Journal of Obstetrics and Gynecology, 1991, 165, 813-820.	0.7	356

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55	Failure of physiologic transformation of the spiral arteries in patients with preterm labor and intact membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 1063-1069.	0.7	352
56	The prevalence and biologic significance of lupus anticoagulant and antic ardiolipin antibodies in a general obstetric population. <i>American Journal of Obstetrics and Gynecology</i> , 1989, 161, 369-373.	0.7	348
57	The Preterm Labor Syndrome. <i>Annals of the New York Academy of Sciences</i> , 1994, 734, 414-429.	1.8	348
58	Evidence supporting a role for blockade of the vascular endothelial growth factor system in the pathophysiology of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 1541-1547.	0.7	347
59	A systemic fetal inflammatory response and the development of bronchopulmonary dysplasia. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 181, 773-779.	0.7	346
60	Intraamniotic infection and the onset of labor in preterm premature rupture of the membranes. <i>American Journal of Obstetrics and Gynecology</i> , 1988, 159, 661-666.	0.7	338
61	A celebration of Steven Gabbe's contributions and accomplishments: Associate Editor, <i>American Journal of Obstetrics and Gynecology</i> , 1990 through 2010. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 1-4.	0.7	335
62	Premature Labor and Intra-Amniotic Infection: Clinical Aspects and Role of the Cytokines in Diagnosis and Pathophysiology. <i>Clinics in Perinatology</i> , 1995, 22, 281-342.	0.8	333
63	Plasma soluble vascular endothelial growth factor receptor-1 concentration is elevated prior to the clinical diagnosis of pre-eclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2005, 17, 3-18.	0.7	332
64	Sterile and microbial-associated intra-amniotic inflammation in preterm prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1394-1409.	0.7	328
65	Dendrimer-Based Postnatal Therapy for Neuroinflammation and Cerebral Palsy in a Rabbit Model. <i>Science Translational Medicine</i> , 2012, 4, 130ra46.	5.8	327
66	Systemic administration of interleukin-1 induces preterm parturition in mice. <i>American Journal of Obstetrics and Gynecology</i> , 1991, 165, 969-971.	0.7	323
67	Infection in the pathogenesis of preterm labor. <i>Seminars in Perinatology</i> , 1988, 12, 262-79.	1.1	319
68	Vaginal progesterone for preventing preterm birth and adverse perinatal outcomes in singleton gestations with a short cervix: a meta-analysis of individual patient data. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 161-180.	0.7	317
69	Inflammation in Pregnancy: Its Roles in Reproductive Physiology, Obstetrical Complications, and Fetal Injury. <i>Nutrition Reviews</i> , 2007, 65, 194-202.	2.6	313
70	Interlukin-1 stimulates prostaglandin biosynthesis by human amnion. <i>Prostaglandins</i> , 1989, 37, 13-22.	1.2	311
71	The role of infection in preterm labour and delivery. <i>Paediatric and Perinatal Epidemiology</i> , 2001, 15, 41-56.	0.8	307
72	Varicella-zoster virus (chickenpox) infection in pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011, 118, 1155-1162.	1.1	305

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73	Evolution of the mammalian placenta revealed by phylogenetic analysis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3203-3208.	3.3	304
74	Patients with an ultrasonographic cervical length $\leq 15$ mm have nearly a 50% risk of early spontaneous preterm delivery. American Journal of Obstetrics and Gynecology, 2000, 182, 1458-1467.	0.7	300
75	Infection and labor. American Journal of Obstetrics and Gynecology, 1992, 167, 1086-1091.	0.7	299
76	An oxytocin receptor antagonist (atosiban) in the treatment of preterm labor: A randomized, double-blind, placebo-controlled trial with tocolytic rescue. American Journal of Obstetrics and Gynecology, 2000, 182, 1173-1183.	0.7	298
77	Prevalence and Diversity of Microbes in the Amniotic Fluid, the Fetal Inflammatory Response, and Pregnancy Outcome in Women with Preterm Pre-labor Rupture of Membranes. American Journal of Reproductive Immunology, 2010, 64, 38-57.	1.2	296
78	Clinical significance of intra-amniotic inflammation in patients with preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2004, 191, 1339-1345.	0.7	287
79	Macrophages and Apoptotic Cell Clearance During Pregnancy. American Journal of Reproductive Immunology, 2004, 51, 275-282.	1.2	285
80	PATHOGENESIS OF PRETERM LABOR AND PRETERM PREMATURE RUPTURE OF MEMBRANES ASSOCIATED WITH INTRAAMNIOTIC INFECTION. Infectious Disease Clinics of North America, 1997, 11, 135-176.	1.9	284
81	Ultrasonographic examination of the uterine cervix is better than cervical digital examination as a predictor of the likelihood of premature delivery in patients with preterm labor and intact membranes. American Journal of Obstetrics and Gynecology, 1994, 171, 956-964.	0.7	275
82	Experimentally induced intrauterine infection causes fetal brain white matter lesions in rabbits. American Journal of Obstetrics and Gynecology, 1997, 177, 797-802.	0.7	271
83	Meta-analysis of the relationship between asymptomatic bacteriuria and preterm delivery/low birth weight. Obstetrics and Gynecology, 1989, 73, 576-82.	1.2	267
84	Failure of physiologic transformation of the spiral arteries in the placental bed in preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2002, 187, 1137-1142.	0.7	266
85	The change in concentrations of angiogenic and anti-angiogenic factors in maternal plasma between the first and second trimesters in risk assessment for the subsequent development of preeclampsia and small-for-gestational age. Journal of Maternal-Fetal and Neonatal Medicine, 2008, 21, 279-287.	0.7	264
86	Analysis of microarray experiments of gene expression profiling. American Journal of Obstetrics and Gynecology, 2006, 195, 373-388.	0.7	263
87	A System of Cytokines Encapsulated in ExtraCellular Vesicles. Scientific Reports, 2018, 8, 8973.	1.6	260
88	Listeriosis in human pregnancy: a systematic review. Journal of Perinatal Medicine, 2011, 39, 227-36.	0.6	257
89	Divergent Trophoblast Responses to Bacterial Products Mediated by TLRs. Journal of Immunology, 2004, 173, 4286-4296.	0.4	255
90	A prospective cohort study of the value of maternal plasma concentrations of angiogenic and anti-angiogenic factors in early pregnancy and midtrimester in the identification of patients destined to develop preeclampsia. Journal of Maternal-Fetal and Neonatal Medicine, 2009, 22, 1021-1038.	0.7	254

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91	Inflammation in Pregnancy: Its Roles in Reproductive Physiology, Obstetrical Complications, and Fetal Injury. <i>Nutrition Reviews</i> , 2007, 65, S194-S202.	2.6	234
92	Antenatal magnesium sulfate for the prevention of cerebral palsy in preterm infants less than 34 weeks' gestation: a systematic review and metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 595-609.	0.7	234
93	Toll-like receptor-2 and -4 in the chorioamniotic membranes in spontaneous labor at term and in preterm parturition that are associated with chorioamnionitis. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 1346-1355.	0.7	231
94	Amniotic fluid interleukin-6: Correlation with upper genital tract microbial colonization and gestational age in women delivered after spontaneous labor versus indicated delivery. <i>American Journal of Obstetrics and Gynecology</i> , 1995, 173, 606-612.	0.7	228
95	Placental lesions associated with maternal underperfusion are more frequent in early-onset than in late-onset preeclampsia. <i>Journal of Perinatal Medicine</i> , 2011, 39, 641-52.	0.6	228
96	Two-stage elevation of cell-free fetal DNA in maternal sera before onset of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 707-713.	0.7	225
97	The relationship between acute inflammatory lesions of the preterm placenta and amniotic fluid microbiology. <i>American Journal of Obstetrics and Gynecology</i> , 1992, 166, 1382-1388.	0.7	223
98	Does the human placenta express the canonical cell entry mediators for SARS-CoV-2?. <i>ELife</i> , 2020, 9, .	2.8	222
99	Complications of fetal blood sampling. <i>American Journal of Obstetrics and Gynecology</i> , 1993, 168, 1339-1344.	0.7	220
100	Microbial invasion of the amniotic cavity with <i>Ureaplasma urealyticum</i> is associated with a robust host response in fetal, amniotic, and maternal compartments. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 179, 1254-1260.	0.7	219
101	Placenta-on-a-chip: a novel platform to study the biology of the human placenta. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1046-1054.	0.7	218
102	Four-dimensional ultrasonography of the fetal heart with spatiotemporal image correlation. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 1792-1802.	0.7	216
103	Single cell transcriptional signatures of the human placenta in term and preterm parturition. <i>ELife</i> , 2019, 8, .	2.8	216
104	Identification of patients at risk for early onset and/or severe preeclampsia with the use of uterine artery Doppler velocimetry and placental growth factor. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 326.e1-326.e13.	0.7	215
105	Amniotic fluid white blood cell count: A rapid and simple test to diagnose microbial invasion of the amniotic cavity and predict preterm delivery. <i>American Journal of Obstetrics and Gynecology</i> , 1991, 165, 821-830.	0.7	212
106	Viral Infection of the Placenta Leads to Fetal Inflammation and Sensitization to Bacterial Products Predisposing to Preterm Labor. <i>Journal of Immunology</i> , 2010, 185, 1248-1257.	0.4	211
107	Can endometrial infection/inflammation explain implantation failure, spontaneous abortion, and preterm birth after in vitro fertilization?. <i>Fertility and Sterility</i> , 2004, 82, 799-804.	0.5	208
108	The Isolation and Characterization of a Novel Telomerase Immortalized First Trimester Trophoblast Cell Line, Swan 71. <i>Placenta</i> , 2009, 30, 939-948.	0.7	208

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109	The natural interleukin-1 receptor antagonist prevents interleukin-1-induced preterm delivery in mice. <i>American Journal of Obstetrics and Gynecology</i> , 1992, 167, 1041-1045.	0.7	207
110	A role for matrix metalloproteinase-9 in spontaneous rupture of the fetal membranes. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 179, 1248-1253.	0.7	205
111	A method of screening for ectopic pregnancy and its indications. <i>Obstetrics and Gynecology</i> , 1981, 58, 162-6.	1.2	203
112	Discriminatory hCG zone: its use in the sonographic evaluation for ectopic pregnancy. <i>Obstetrics and Gynecology</i> , 1981, 58, 156-61.	1.2	203
113	Systemic and local cytokine profiles in endotoxin-induced preterm parturition in mice. <i>American Journal of Obstetrics and Gynecology</i> , 1994, 170, 1467-1475.	0.7	201
114	A primate subfamily of galectins expressed at the maternal-fetal interface that promote immune cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9731-9736.	3.3	200
115	The frequency, clinical significance, and pathological features of chronic chorioamnionitis: a lesion associated with spontaneous preterm birth. <i>Modern Pathology</i> , 2010, 23, 1000-1011.	2.9	200
116	Systemic and local cytokine profiles in endotoxin-induced preterm parturition in mice. <i>American Journal of Obstetrics and Gynecology</i> , 1994, 170, 1467-1475.	0.7	197
117	Bacterial vaginosis, the inflammatory response and the risk of preterm birth: a role for genetic epidemiology in the prevention of preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 1509-1519.	0.7	197
118	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.	0.7	196
119	Human spontaneous labor without histologic chorioamnionitis is characterized by an acute inflammation gene expression signature. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 394-405.e12.	0.7	195
120	Clinical implications of detection of <i>Ureaplasma urealyticum</i> in the amniotic cavity with the polymerase chain reaction. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 1130-1137.	0.7	194
121	The value and limitations of the Gram stain examination in the diagnosis of intraamniotic infection. <i>American Journal of Obstetrics and Gynecology</i> , 1988, 159, 114-119.	0.7	193
122	Amniotic fluid glucose concentration: A rapid and simple method for the detection of intraamniotic infection in preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 1990, 163, 968-974.	0.7	193
123	Micronutrients and Intrauterine Infection, Preterm Birth and the Fetal Inflammatory Response Syndrome. <i>Journal of Nutrition</i> , 2003, 133, 1668S-1673S.	1.3	193
124	Clinical chorioamnionitis at term I: microbiology of the amniotic cavity using cultivation and molecular techniques. <i>Journal of Perinatal Medicine</i> , 2015, 43, 19-36.	0.6	192
125	The role of cervical cerclage in obstetric practice: Can the patient who could benefit from this procedure be identified?. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 1-9.	0.7	191
126	Damage-associated molecular patterns (DAMPs) in preterm labor with intact membranes and preterm PROM: a study of the alarmin HMGB1. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 1444-1455.	0.7	191



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127	The clinical significance of detecting <i>Ureaplasma urealyticum</i> by the polymerase chain reaction in the amniotic fluid of patients with preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 919-924.	0.7	190
128	Prostaglandin concentrations in amniotic fluid of women with intra-amniotic infection and preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 1987, 157, 1461-1467.	0.7	189
129	Vaginal progesterone decreases preterm birth 34 weeks of gestation in women with a singleton pregnancy and a short cervix: an updated meta-analysis including data from the <sc>OPPTIMUM</sc> study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 308-317.	0.9	189
130	FIGO (International Federation of Gynecology and Obstetrics) initiative on fetal growth: Best practice advice for screening, diagnosis, and management of fetal growth restriction. <i>International Journal of Gynecology and Obstetrics</i> , 2021, 152, 3-57.	1.0	188
131	A Role for TLRs in the Regulation of Immune Cell Migration by First Trimester Trophoblast Cells. <i>Journal of Immunology</i> , 2005, 175, 8096-8104.	0.4	187
132	Labor and infection. <i>American Journal of Obstetrics and Gynecology</i> , 1988, 158, 1044-1049.	0.7	186
133	Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 94-99.	0.7	186
134	Cervicovaginal fibronectin improves the prediction of preterm delivery based on sonographic cervical length in patients with preterm uterine contractions and intact membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 192, 350-359.	0.7	186
135	Transvaginal sonographic cervical length for the prediction of spontaneous preterm birth in twin pregnancies: a systematic review and metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 128.e1-128.e12.	0.7	186
136	Umbilical-Cord Ligation of an Acardiac Twin by Fetoscopy at 19 Weeks of Gestation. <i>New England Journal of Medicine</i> , 1994, 330, 469-471.	13.9	184
137	The nuclear transcription factor NF- $\kappa$ B mediates interleukin-1 $\beta$ -induced expression of cyclooxygenase-2 in human myometrial cells. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 181, 359-366.	0.7	183
138	Metformin, the aspirin of the 21st century: its role in gestational diabetes mellitus, prevention of preeclampsia and cancer, and the promotion of longevity. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 282-302.	0.7	183
139	Infection and prematurity and the role of preventive strategies. <i>Seminars in Fetal and Neonatal Medicine</i> , 2002, 7, 259-74.	2.8	183
140	Trophoblast-Macrophage Interactions: a Regulatory Network for the Protection of Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2007, 57, 55-66.	1.2	181
141	Extracellular Matrix Composition and Hypoxia Regulate the Expression of HLA-G and Integrins in a Human Trophoblast Cell Line 1. <i>Biology of Reproduction</i> , 2000, 62, 739-747.	1.2	177
142	Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 94-99.	0.7	176
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699	Intrauterine Endotoxin Administration Leads to White Matter Diffusivity Changes in Newborn Rabbits. <i>Journal of Child Neurology</i> , 2009, 24, 1179-1189.	0.7	40
700	A high Nugent score but not a positive culture for genital mycoplasmas is a risk factor for spontaneous preterm birth. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 212-217.	0.7	40
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722	Sonographically monitored amniocentesis to decrease intraoperative complications. <i>Obstetrics and Gynecology</i> , 1985, 65, 426-30.	1.2	39
723	The effect of different human chorionic gonadotropin assay sensitivity on screening for ectopic pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1985, 153, 72-74.	0.7	38
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729	Gene-Centric Genomewide Association Study via Entropy. <i>Genetics</i> , 2008, 179, 637-650.	1.2	38
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731	Misoprostol to reduce intraoperative and postoperative hemorrhage during cesarean delivery: a systematic review and metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 209, 40.e1-40.e17.	0.7	38
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735	Subclinical myocardial injury in small-for-gestational-age neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2002, 11, 385-390.	0.7	37
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740	The earlier the gestational age, the greater the intensity of the intra-amniotic inflammatory response in women with preterm premature rupture of membranes and amniotic fluid infection by <i>Ureaplasma</i> species. <i>Journal of Perinatal Medicine</i> , 2019, 47, 516-527.	0.6	37
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742	Value of culdocentesis in the diagnosis of ectopic pregnancy. <i>Obstetrics and Gynecology</i> , 1985, 65, 519-22.	1.2	37
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746	Diminished survival of human cytotrophoblast cells exposed to hypoxia/reoxygenation injury and associated reduction of heparin-binding epidermal growth factor-like growth factor. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 471.e1-471.e8.	0.7	36
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749	Placental lesions associated with acute atherosclerosis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1554-1562.	0.7	36
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751	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.	1.2	36
752	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.	0.7	36
753	Increased amniotic fluid leukotriene C4 concentration in term human parturition. <i>American Journal of Obstetrics and Gynecology</i> , 1988, 159, 655-657.	0.7	35
754	Evidence of Participation of the Soluble Tumor Necrosis Factor Receptor I in the Host Response to Intrauterine Infection in Preterm Labor. <i>American Journal of Reproductive Immunology</i> , 1993, 30, 184-193.	1.2	35
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759	Could alterations in maternal plasma visfatin concentration participate in the phenotype definition of preeclampsia and SGA?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010, 23, 857-868.	0.7	35
760	Four-chamber view and "swing technique"™ (FAST) echo: a novel and simple algorithm to visualize standard fetal echocardiographic planes. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 37, 423-431.	0.9	35
761	Prospective evaluation of the fetal heart using Fetal Intelligent Navigation Echocardiography (<sc>FINE</sc>). <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 47, 450-459.	0.9	35
762	Inflammasome assembly in the chorioamniotic membranes during spontaneous labor at term. <i>American Journal of Reproductive Immunology</i> , 2017, 77, e12648.	1.2	35
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766	Maternal serum soluble CD30 is increased in normal pregnancy, but decreased in preeclampsia and small for gestational age pregnancies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2007, 20, 867-878.	0.7	34
767	Premature labor: a state of platelet activation?. <i>Journal of Perinatal Medicine</i> , 2008, 36, 377-87.	0.6	34
768	Secular Trends in the Treatment of Hyperemesis Gravidarum. <i>American Journal of Perinatology</i> , 2008, 25, 141-147.	0.6	34
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770	The frequency of meconium-stained amniotic fluid increases as a function of the duration of labor. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 880-885.	0.7	34
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772	Fetal Intelligent Navigation Echocardiography (FINE) Detects 98% of Congenital Heart Disease. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 2577-2593.	0.8	34
773	A literature review and best practice advice for second and third trimester risk stratification, monitoring, and management of preeclampsia. <i>International Journal of Gynecology and Obstetrics</i> , 2021, 154, 3-31.	1.0	34
774	A longitudinal study of fetal weight growth.. <i>Journal of Ultrasound in Medicine</i> , 1984, 3, 321-328.	0.8	33

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777	Interleukin-1beta-induced Prostaglandin E2 Production in Human Myometrial Cells: Role of a Pertussis Toxin-sensitive Component. American Journal of Reproductive Immunology, 2001, 45, 142-147.	1.2	33
778	The effect of antibiotic therapy on intrauterine infection-induced preterm parturition in rabbits. Journal of Maternal-Fetal and Neonatal Medicine, 2003, 14, 57-64.	0.7	33
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783	Maternal Endotoxin Exposure Results in Abnormal Neuronal Architecture in the Newborn Rabbit. Developmental Neuroscience, 2013, 35, 396-405.	1.0	33
784	Gasdermin D: Evidence of pyroptosis in spontaneous preterm labor with sterile intra-amniotic inflammation or intra-amniotic infection. American Journal of Reproductive Immunology, 2019, 82, e13184.	1.2	33
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789	Does Infection Cause Premature Labor and Delivery?. Seminars in Reproductive Medicine, 1994, 12, 227-239.	0.5	32
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794	ORIGINAL ARTICLE: Activation of the Alternative Pathway of Complement is a Feature of Preterm Parturition but not of Spontaneous Labor at Term. <i>American Journal of Reproductive Immunology</i> , 2010, 63, 318-330.	1.2	32
795	Function-Specific Intracellular Signaling Pathways Downstream of Heparin-Binding EGF-Like Growth Factor Utilized by Human Trophoblasts. <i>Biology of Reproduction</i> , 2010, 82, 921-929.	1.2	32
796	Recurrence Risk of Hyperemesis Gravidarum. <i>Journal of Midwifery and Women's Health</i> , 2011, 56, 132-136.	0.7	32
797	Antihistamines and other prognostic factors for adverse outcome in hyperemesis gravidarum. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 170, 71-76.	0.5	32
798	The profiles of soluble adhesion molecules in the great obstetrical syndromes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 2113-2136.	0.7	32
799	The alarmin interleukin-1 $\beta$ causes preterm birth through the NLRP3 inflammasome. <i>Molecular Human Reproduction</i> , 2020, 26, 712-726.	1.3	32
800	Personalized assessment of cervical length improves prediction of spontaneous preterm birth: a standard and a percentile calculator. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 288.e1-288.e17.	0.7	32
801	Treatment with the interleukin-1 receptor antagonist and soluble tumor necrosis factor receptor fusion protein does not prevent endotoxin-induced preterm parturition in mice. <i>Journal of the Society for Gynecologic Investigation</i> , 1997, 4, 22-26.	1.9	32
802	Expression of bone morphogenetic protein 2 in normal spontaneous labor at term, preterm labor, and preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1137-1143.	0.7	31
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805	Trophoblast Contact Deactivates Human Neutrophils. <i>Journal of Immunology</i> , 2006, 176, 3205-3214.	0.4	31
806	2,5-Deoxyfructosazine, a d-glucosamine derivative, inhibits T-cell interleukin-2 production better than d-glucosamine. <i>Carbohydrate Research</i> , 2007, 342, 2745-2749.	1.1	31
807	IgE-Independent Mast Cell Activation Augments Contractility of Nonpregnant and Pregnant Guinea Pig Myometrium. <i>International Archives of Allergy and Immunology</i> , 2008, 147, 140-146.	0.9	31
808	Ancient origin of placental expression in the growth hormone genes of anthropoid primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17083-17088.	3.3	31
809	Positron Emission Tomography Imaging of Neuroinflammation. <i>Journal of Child Neurology</i> , 2009, 24, 1190-1199.	0.7	31
810	Measuring venous blood oxygenation in fetal brain using susceptibility-weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 998-1006.	1.9	31

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811	The prediction of fetal death with a simple maternal blood test at 24-28 weeks: a role for angiogenic index-1 (PlGF/sVEGFR-1 ratio). <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 682.e1-682.e13.	0.7	31
812	Separating the signal from the noise in metagenomic cell-free DNA sequencing. <i>Microbiome</i> , 2020, 8, 18.	4.9	31
813	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.	0.6	31
814	Fetal death: an extreme manifestation of maternal anti-fetal rejection. <i>Journal of Perinatal Medicine</i> , 2017, 45, 851-868.	0.6	31
815	Analytical approaches to detect maternal/fetal genotype incompatibilities that increase risk of pre-eclampsia. <i>BMC Medical Genetics</i> , 2008, 9, 60.	2.1	30
816	Placental IL-10 Dysregulation and Association With Bronchopulmonary Dysplasia Risk. <i>Pediatric Research</i> , 2009, 66, 455-460.	1.1	30
817	Amniotic fluid soluble human leukocyte antigen-G in term and preterm parturition, and intra-amniotic infection/inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 1151-1166.	0.7	30
818	Maternal and neonatal circulating visfatin concentrations in patients with pre-eclampsia and a small-for-gestational age neonate. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010, 23, 1119-1128.	0.7	30
819	A molecular signature of an arrest of descent in human parturition. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, 177.e15-177.e33.	0.7	30
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821	Umbilical Cord Serum Interleukin-6, C-Reactive Protein, and Myeloperoxidase Concentrations at Birth and Association with Neonatal Morbidities and Long-Term Neurodevelopmental Outcomes. <i>American Journal of Perinatology</i> , 2014, 31, 717-726.	0.6	30
822	Intelligent navigation to improve obstetrical sonography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 47, 403-409.	0.9	30
823	A new customized fetal growth standard for African American women: the PRB/NICHD Detroit study. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, S679-S691.e4.	0.7	30
824	The combined exposure to intra-amniotic inflammation and neonatal respiratory distress syndrome increases the risk of intraventricular hemorrhage in preterm neonates. <i>Journal of Perinatal Medicine</i> , 2018, 46, 9-20.	0.6	30
825	Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin $\alpha 5 \beta 1$ Is a Modulator of Extravillous Trophoblast Functions. <i>Cells</i> , 2019, 8, 1369.	1.8	30
826	<i>In vivo</i> evidence of inflammasome activation during spontaneous labor at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1978-1991.	0.7	30
827	Cellular immune responses in amniotic fluid of women with preterm clinical chorioamnionitis. <i>Inflammation Research</i> , 2020, 69, 203-216.	1.6	30
828	Radek Bukowski appointed Editor of Computational Medicine for AJOG. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 1-2.	0.7	30

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829	Placenta-Specific Genes, Their Regulation During Villous Trophoblast Differentiation and Dysregulation in Preterm Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 628.	1.8	30
830	Inflammatory Gene Regulatory Networks in Amnion Cells Following Cytokine Stimulation: Translational Systems Approach to Modeling Human Parturition. <i>PLoS ONE</i> , 2011, 6, e20560.	1.1	30
831	Fetal pericardial fluid: A normal finding of the second half of gestation. <i>American Journal of Obstetrics and Gynecology</i> , 1984, 149, 529-532.	0.7	29
832	Preeclampsia is associated with low concentrations of protein Z. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2007, 20, 661-667.	0.7	29
833	Coexpression of myofibroblast and macrophage markers: novel evidence for an in vivo plasticity of chorioamniotic mesodermal cells of the human placenta. <i>Laboratory Investigation</i> , 2008, 88, 365-374.	1.7	29
834	The molecular basis for sonographic cervical shortening at term: identification of differentially expressed genes and the epithelial-mesenchymal transition as a function of cervical length. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 472.e1-472.e14.	0.7	29
835	Preeclampsia Is Associated with Alterations in DNA Methylation of Genes Involved in Collagen Metabolism. <i>American Journal of Pathology</i> , 2012, 181, 1455-1463.	1.9	29
836	Surface functionality affects the biodistribution and microglia-targeting of intra-amniotically delivered dendrimers. <i>Journal of Controlled Release</i> , 2016, 237, 61-70.	4.8	29
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1353	Chronic Renal Failure and Severe Diabetic Vasculopathy in Pregnancy. American Journal of Perinatology, 1984, 1, 341-344.	0.6	0
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1355	Book ReviewMaternal-Fetal Medicine: Principles and practice. New England Journal of Medicine, 1985, 312, 928-929.	13.9	0
1356	The Interhemispheric Fissure: A Commonly Mislabeled Cranial Landmark. American Journal of Perinatology, 1985, 2, 82-87.	0.6	0
1357	Idiopathic Fetal Death Is Associated with Evidence of Prior Antigenic Exposure. Obstetrics and Gynecology, 2002, 99, 18S.	1.2	0
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1364	1: Identification of signature pathways at the site of rupture in chorionic membranes in spontaneous labor at term. American Journal of Obstetrics and Gynecology, 2009, 201, S2.	0.7	0
1365	14: Identification of fetal and maternal single nucleotide polymorphisms in candidate genes that predispose to spontaneous preterm labor with intact membranes. American Journal of Obstetrics and Gynecology, 2009, 201, S9.	0.7	0
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1420	Metformin, the Aspirin of the 21st Century: Its Role in Gestational Diabetes Mellitus, Prevention of Preeclampsia and Cancer, and the Promotion of Longevity. Obstetrical and Gynecological Survey, 2018, 73, 81-82.	0.2	0
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