

Roberto Romero

List of Publications by Year in descending order

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1,443
papers

118,092
citations

151

156
h-index

428

275
g-index

1510
all docs

1510
docs citations

1510
times ranked

47382
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology and causes of preterm birth. <i>Lancet</i> , 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 β , and tumor necrosis factor- α), 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 Mycoplasmas. <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

#	ARTICLE	IF	CITATIONS
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- α , interleukin-1 β , 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- α 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- α and Interleukin- β 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 ≤ 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. American Journal of Obstetrics and Gynecology, 1992, 167, 1041-1045.	0.7	207
110	A role for matrix metalloproteinase-9 in spontaneous rupture of the fetal membranes. American Journal of Obstetrics and Gynecology, 1998, 179, 1248-1253.	0.7	205
111	A method of screening for ectopic pregnancy and its indications. Obstetrics and Gynecology, 1981, 58, 162-6.	1.2	203
112	Discriminatory hCG zone: its use in the sonographic evaluation for ectopic pregnancy. Obstetrics and Gynecology, 1981, 58, 156-61.	1.2	203
113	Systemic and local cytokine profiles in endotoxin-induced preterm parturition in mice. American Journal of Obstetrics and Gynecology, 1994, 170, 1467-1475.	0.7	201
114	A primate subfamily of galectins expressed at the maternal-fetal interface that promote immune cell death. Proceedings of the National Academy of Sciences of the United States of America, 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. Modern Pathology, 2010, 23, 1000-1011.	2.9	200
116	Systemic and local cytokine profiles in endotoxin-induced preterm parturition in mice. American Journal of Obstetrics and Gynecology, 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. American Journal of Obstetrics and Gynecology, 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. American Journal of Obstetrics and Gynecology, 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. American Journal of Obstetrics and Gynecology, 2006, 195, 394-405.e12.	0.7	195
120	Clinical implications of detection of Ureaplasma urealyticum in the amniotic cavity with the polymerase chain reaction. American Journal of Obstetrics and Gynecology, 2000, 183, 1130-1137.	0.7	194
121	The value and limitations of the Gram stain examination in the diagnosis of intraamniotic infection. American Journal of Obstetrics and Gynecology, 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. American Journal of Obstetrics and Gynecology, 1990, 163, 968-974.	0.7	193
123	Micronutrients and Intrauterine Infection, Preterm Birth and the Fetal Inflammatory Response Syndrome. Journal of Nutrition, 2003, 133, 1668S-1673S.	1.3	193
124	Clinical chorioamnionitis at term I: microbiology of the amniotic cavity using cultivation and molecular techniques. Journal of Perinatal Medicine, 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?. American Journal of Obstetrics and Gynecology, 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. Journal of Maternal-Fetal and Neonatal Medicine, 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- κ B mediates interleukin-1 β -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
143	Villitis of Unknown Etiology Is Associated with a Distinct Pattern of Chemokine Up-Regulation in the Feto-Maternal and Placental Compartments: Implications for Conjoint Maternal Allograft Rejection and Maternal Anti-Fetal Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2009, 182, 3919-3927.	0.4	176
144	A Novel Molecular Microbiologic Technique for the Rapid Diagnosis of Microbial Invasion of the Amniotic Cavity and Intra-Amniotic Infection in Preterm Labor with Intact Membranes. <i>American Journal of Reproductive Immunology</i> , 2014, 71, 330-358.	1.2	176

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145	Human decidua: a source of interleukin-1. <i>Obstetrics and Gynecology</i> , 1989, 73, 31-4.	1.2	176
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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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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
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778	The effect of antibiotic therapy on intrauterine infection-induced preterm parturition in rabbits. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2003, 14, 57-64.	0.7	33
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783	Maternal Endotoxin Exposure Results in Abnormal Neuronal Architecture in the Newborn Rabbit. <i>Developmental Neuroscience</i> , 2013, 35, 396-405.	1.0	33
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785	Are B cells altered in the decidua of women with preterm or term labor?. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13102.	1.2	33
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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
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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
803	High-dimensional biology in obstetrics and gynecology: Functional genomics in microarray studies. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 360-363.	0.7	31
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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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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
820	A dendrimer-based immunosensor for improved capture and detection of tumor necrosis factor- α cytokine. <i>Analytica Chimica Acta</i> , 2012, 720, 118-125.	2.6	30
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
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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
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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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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
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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
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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
837	Serial cervical length determination in twin pregnancies reveals 4 distinct patterns with prognostic significance for preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 476.e1-476.e11.	0.7	29
838	Color and power Doppler combined with Fetal Intelligent Navigation Echocardiography (<scp>FINE</scp>) to evaluate the fetal heart. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 50, 476-491.	0.9	29
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