List of Publications by Year in descending order

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117	7 100	117625	54911
117	7,196	34	84
papers	citations	h-index	g-index
117	117	117	4390
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Amniotic fluid inflammatory cytokines (interleukin-6, interleukin-1β, and tumor necrosis factor-α), neonatal brain white matter lesions, and cerebral palsy. American Journal of Obstetrics and Gynecology, 1997, 177, 19-26.	1.3	751
2	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.	1.3	563
3	Clinical significance of intra-amniotic inflammation in patients with preterm labor and intact membranes. American Journal of Obstetrics and Gynecology, 2001, 185, 1130-1136.	1.3	543
4	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.	1.3	485
5	Amniotic fluid cytokines (interleukin-6, tumor necrosis factor-α, interleukin-1β, and interleukin-8) and the risk for the development of bronchopulmonary dysplasia. American Journal of Obstetrics and Gynecology, 1997, 177, 825-830.	1.3	469
6	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.	1.3	404
7	A systemic fetal inflammatory response and the development of bronchopulmonary dysplasia. American Journal of Obstetrics and Gynecology, 1999, 181, 773-779.	1.3	346
8	Clinical significance of intra-amniotic inflammation in patients with preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2004, 191, 1339-1345.	1.3	287
9	Experimentally induced intrauterine infection causes fetal brain white matter lesions in rabbits. American Journal of Obstetrics and Gynecology, 1997, 177, 797-802.	1.3	271
10	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.	1.3	194
11	The clinical significance of detecting Ureaplasma urealyticum by the polymerase chain reaction in the amniotic fluid of patients with preterm labor. American Journal of Obstetrics and Gynecology, 2003, 189, 919-924.	1.3	190
12	The frequency and significance of intraamniotic inflammation in patients with cervical insufficiency. American Journal of Obstetrics and Gynecology, 2008, 198, 633.e1-633.e8.	1.3	165
13	An elevated amniotic fluid matrix metalloproteinase-8 level at the time of mid-trimester genetic amniocentesis is a risk factor for spontaneous preterm delivery. American Journal of Obstetrics and Gynecology, 2001, 185, 1162-1167.	1.3	141
14	Serum C-reactive protein, white blood cell count, and amniotic fluid white blood cell count in women with preterm premature rupture of membranes. Obstetrics and Gynecology, 1996, 88, 1034-1040.	2.4	136
15	Maternal blood C-reactive protein, white blood cell count, and temperature in preterm labor: A comparison with amniotic fluid white blood cell count. Obstetrics and Gynecology, 1996, 87, 231-237.	2.4	127
16	A rapid matrix metalloproteinase-8 bedside test for the detection of intraamniotic inflammation in women with preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2007, 197, 292.e1-292.e5.	1.3	116
17	Measurement of Placental Alpha-Microglobulin-1 in Cervicovaginal Discharge to Diagnose Rupture of Membranes. Obstetrics and Gynecology, 2007, 109, 634-640.	2.4	107
18	The Involvement of Human Amnion in Histologic Chorioamnionitis is an Indicator that a Fetal and an Intra-Amniotic Inflammatory Response is More Likely and Severe: Clinical Implications. Placenta, 2009, 30, 56-61.	1.5	104

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19	Prenatal maternal distress affects atopic dermatitis in offspring mediated by oxidative stress. Journal of Allergy and Clinical Immunology, 2016, 138, 468-475.e5.	2.9	99
20	Follicle-stimulating hormone receptor gene polymorphism and ovarian responses to controlled ovarian hyperstimulation for IVF-ET. Journal of Human Genetics, 2006, 51, 665-670.	2.3	96
21	Interleukin 6 determinations in cervical fluid have diagnostic and prognostic value in preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2000, 183, 868-873.	1.3	88
22	An elevated maternal plasma, but not amniotic fluid, soluble fms-like tyrosine kinase-1 (sFlt-1) at the time of mid-trimester genetic amniocentesis is a risk factor for preeclampsia. American Journal of Obstetrics and Gynecology, 2005, 193, 984-989.	1.3	87
23	An increase in fetal plasma cortisol but not dehydroepiandrosterone sulfate is followed by the onset of preterm labor in patients with preterm premature rupture of the membranes. American Journal of Obstetrics and Gynecology, 1998, 179, 1107-1114.	1.3	86
24	Vascular endothelial growth factor gene +405 C/G polymorphism is associated with susceptibility to advanced stage endometriosis. Human Reproduction, 2005, 20, 2904-2908.	0.9	81
25	A new anti-microbial combination prolongs the latency period, reduces acute histologic chorioamnionitis as well as funisitis, and improves neonatal outcomes in preterm PROM. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 707-720.	1.5	76
26	The antenatal identification of funisitis with a rapid MMP-8 bedside test. Journal of Perinatal Medicine, 2008, 36, 497-502.	1.4	62
27	The relationship between oligohydramnios and the onset of preterm labor in preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2001, 184, 459-462.	1.3	59
28	Self-reported Smoking and Urinary Cotinine Levels among Pregnant Women in Korea and Factors Associated with Smoking during Pregnancy. Journal of Korean Medical Science, 2010, 25, 752.	2.5	49
29	Vascular endothelial growth factor gene +936 C/T polymorphism is associated with preeclampsia in Korean women. American Journal of Obstetrics and Gynecology, 2007, 197, 271.e1-271.e4.	1.3	48
30	Identification of Proteomic Biomarkers of Preeclampsia in Amniotic Fluid Using SELDI-TOF Mass Spectrometry. Reproductive Sciences, 2008, 15, 457-468.	2.5	48
31	Measurement of fetal urine production by three-dimensional ultrasonography in normal pregnancy. Ultrasound in Obstetrics and Gynecology, 2007, 30, 281-286.	1.7	44
32	The Frequency and Clinical Significance of Intra-Uterine Infection and Inflammation in Patients with Placenta Previa and Preterm Labor and Intact Membranes. Placenta, 2009, 30, 613-618.	1.5	39
33	Histologic Chorioamnionitis is More Common after Spontaneous Labor than after Induced Labor at Term. Placenta, 2010, 31, 792-795.	1.5	38
34	The presence of funisitis is associated with a decreased risk for the development of neonatal respiratory distress syndrome. Placenta, 2011, 32, 235-240.	1.5	38
35	Evidence to support that spontaneous preterm labor is adaptive in nature: neonatal RDS is more common in "indicated―than in "spontaneous―preterm birth. Journal of Perinatal Medicine, 2009, 37, 53-8.	1.4	35
36	Estrogen receptor dinucleotide repeat polymorphism is associated with minimal or mild endometriosis. Fertility and Sterility, 2005, 84, 774-777.	1.0	32

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37	C-reactive protein concentration in vaginal fluid as a marker for intra-amniotic inflammation/infection in preterm premature rupture of membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2005, 18, 417-422.	1.5	26
38	Congenital subependymal giant cell astrocytoma: clinical considerations and expression of radial glial cell markers in giant cells. Child's Nervous System, 2008, 24, 1499-1503.	1.1	26
39	Amniotic Fluid Tumor Necrosis Factor-Alpha Is a Marker for the Prediction of Early-Onset Neonatal Sepsis in Preterm Labor. Gynecologic and Obstetric Investigation, 2004, 58, 84-90.	1.6	25
40	A Comparison of Twin Birthweight Data From Australia, the Netherlands, the United States, Japan, and South Korea: Are Genetic and Environmental Variations in Birthweight Similar in Caucasians and East Asians?. Twin Research and Human Genetics, 2005, 8, 638-648.	0.6	25
41	Fetal, amniotic and maternal inflammatory responses in early stage of ascending intrauterine infection, inflammation restricted to chorio-decidua, in preterm gestation. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 98-105.	1.5	25
42	Fetal plasma cortisol and dehydroepiandrosterone sulfate concentrations in pregnancy and term parturition. Journal of Maternal-Fetal and Neonatal Medicine, 2006, 19, 529-536.	1.5	24
43	The PAI-1 4G/5G and ACE I/D Polymorphisms and Risk of Recurrent Pregnancy Loss: A Case-Control Study. American Journal of Reproductive Immunology, 2014, 72, 571-576.	1.2	24
44	Six Novel Mutations in the Vasopressin V2 Receptor Gene Causing Nephrogenic Diabetes insipidus. Nephron, 1997, 75, 431-437.	0.6	23
45	Identification of Proteomic Biomarkers in Maternal Plasma in the Early Second Trimester That Predict the Subsequent Development of Gestational Diabetes. Reproductive Sciences, 2012, 19, 202-209.	2.5	23
46	Pregnancy-related knowledge, risk perception, and reproductive decision making of women with epilepsy in Korea. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 834-839.	2.0	22
47	COMP-Ang1 Potentiates EPC Treatment of Ischemic Brain Injury by Enhancing Angiogenesis Through Activating AKT-mTOR Pathway and Promoting Vascular Migration Through Activating Tie2-FAK Pathway. Experimental Neurobiology, 2015, 24, 55-70.	1.6	22
48	Methylenetetrahydrofolate Reductase Polymorphisms and Risk of Recurrent Pregnancy Loss: a Case-Control Study. Journal of Korean Medical Science, 2017, 32, 2029.	2.5	22
49	Angiopoietin-2: A Promising Indicator for the Occurrence of Severe Preeclampsia. Hypertension in Pregnancy, 2012, 31, 189-199.	1.1	20
50	Importance of Angiographic Visualization of Round Ligament Arteries in Women Evaluated for Intractable Vaginal Bleeding after Uterine Artery Embolization. Journal of Vascular and Interventional Radiology, 2009, 20, 1031-1035.	0.5	19
51	Differential activation of mitogen activated protein kinases and nuclear factor-ήB in lipopolysaccharide-treated term and preterm amnion cells. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2005, 447, 45-52.	2.8	18
52	Relationship between Twin-to-twin Delivery Interval and Umbilical Artery Acid-base Status in the Second Twin. Journal of Korean Medical Science, 2007, 22, 248.	2.5	18
53	Expression of Extracellular Signal-Regulated Kinase1/2 and p38 Mitogen-Activated Protein Kinase in the Invasive Trophoblasts at the Human Placental Bed. Placenta, 2008, 29, 391-395.	1.5	18
54	Clinical significance of oligohydramnios in patients with preterm labor and intact membranes*,**. Journal of Perinatal Medicine, 2011, 39, 131-6.	1.4	17

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55	Placental transfer of clarithromycin in human pregnancies with preterm premature rupture of membranes. Journal of Perinatal Medicine, 2012, 40, 641-6.	1.4	16
56	Effects of antenatal corticosteroids in twin neonates with late preterm birth (ACTWIN [Antenatal) Tj ETQq0 0 trial. BMC Pregnancy and Childbirth, 2019, 19, 114.	0 rgBT /Ove 2.4	rlock 10 Tf 50 16
57	Measurement of fetal urine production to differentiate causes of increased amniotic fluid volume. Ultrasound in Obstetrics and Gynecology, 2010, 36, 191-195.	1.7	15
58	The Frequency and Clinical Significance of Twin Gestations According to Zygosity and Chorionicity. Twin Research and Human Genetics, 2010, 13, 609-619.	0.6	14
59	Usefulness of Cervical Volume by Three-Dimensional Ultrasound in Identifying the Risk for Preterm Birth. Ultrasound in Medicine and Biology, 2011, 37, 1039-1045.	1.5	14
60	Prospective observations study protocol to investigate cost-effectiveness of various prenatal test strategies after the introduction of noninvasive prenatal testing. BMC Pregnancy and Childbirth, 2018, 18, 307.	2.4	13
61	Fragmented Forms of Insulin-Like Growth Factor Binding Protein-1 in Amniotic Fluid of Patients With Preterm Labor and Intact Membranes. Reproductive Sciences, 2011, 18, 842-849.	2.5	12
62	Prenatal Diagnosis of Bilateral Pulmonary Agenesis: a Case Report. Korean Journal of Radiology, 2010, 11, 119.	3.4	11
63	Successful vaginal birth after prior cesarean section in a patient with pyoderma gangrenosum. Obstetrics and Gynecology Science, 2016, 59, 62.	1.6	11
64	Prevalence and clinical features of arthralgia/arthritis in healthy pregnant women. Rheumatology International, 2008, 28, 1111-1115.	3.0	10
65	The risk of preterm birth in vanishing twin: A multicenter prospective cohort study. PLoS ONE, 2020, 15, e0233097.	2.5	10
66	Identification and characterization of proteins in amniotic fluid that are differentially expressed before and after antenatal corticosteroid administration. American Journal of Obstetrics and Gynecology, 2010, 202, 388.e1-388.e10.	1.3	9
67	Prenatal prediction of neonatal death in single ventricle congenital heart disease. Prenatal Diagnosis, 2016, 36, 346-352.	2.3	9
68	Antenatal Prediction of Neonatal Survival in Sacrococcygeal Teratoma. Journal of Ultrasound in Medicine, 2018, 37, 2003-2009.	1.7	9
69	Proteomic biomarkers in mid-trimester amniotic fluid associated with adverse pregnancy outcomes in patients with systemic lupus erythematosus. PLoS ONE, 2020, 15, e0235838.	2.5	9
70	Leukocyte Telomere Length Reflects Prenatal Stress Exposure, But Does Not Predict Atopic Dermatitis Development at 1 Year. Allergy, Asthma and Immunology Research, 2019, 11, 357.	2.9	9
71	Usefulness of Fetal Urine Production Measurement for Prediction of Perinatal Outcomes in Uteroplacental Insufficiency. Journal of Ultrasound in Medicine, 2014, 33, 2165-2171.	1.7	8
72	Management of Women with Antiphospholipid Antibodies or Antiphospholipid Syndrome during Pregnancy. Journal of Korean Medical Science, 2021, 36, e24.	2.5	8

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73	Nâ€terminal proâ€Bâ€type natriuretic peptide and cardiac troponin T in nonâ€immune hydrops. Journal of Obstetrics and Gynaecology Research, 2016, 42, 380-384.	1.3	7
74	Fetal Survival Immediate after Fetoscopic Laser Ablation in Twin to Twin Transfusion Syndrome. Journal of Korean Medical Science, 2019, 34, e20.	2.5	7
75	The Risk of Spontaneous Preterm Birth according to Maternal Pre-pregnancy Body Mass Index in Twin Gestations. Journal of Korean Medical Science, 2018, 33, e103.	2.5	6
76	The concordance rate of nonâ€chromosomal congenital malformations in twins based on zygosity: a retrospective cohort study. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 857-864.	2.3	6
77	Presenting Twins Are Exposed to Higher Levels of Inflammatory Mediators than Nonpresenting Twins as Early as the Midtrimester of Pregnancy. PLoS ONE, 2015, 10, e0125346.	2.5	6
78	Amenorrhea and Menopause in Patients with Breast Cancer after Chemotherapy. Journal of Breast Cancer, 2019, 22, 624.	1.9	6
79	Prediction and prevention of preterm birth after cervical conization. Journal of Gynecologic Oncology, 2010, 21, 207.	2.2	5
80	Uterine artery pulsatility index in hypertensive pregnancies: When does the index normalize in the puerperium?. Obstetrics and Gynecology Science, 2016, 59, 463.	1.6	5
81	Prenatal prediction of neonatal survival in cases diagnosed with congenital diaphragmatic hernia using abdomenâ€toâ€thorax ratio determined by ultrasonography. Journal of Obstetrics and Gynaecology Research, 2014, 40, 2037-2043.	1.3	4
82	Funisitis as a Risk Factor for Adverse Neonatal Outcomes in Twin Neonates with Spontaneous Preterm Birth: A Retrospective Cohort Study. Yonsei Medical Journal, 2021, 62, 822.	2.2	4
83	Angiotensinogen G(–6)A Polymorphism Is Associated With the Elevation of Blood Pressure in the Hypertensive Disorders of Pregnancy. Twin Research and Human Genetics, 2006, 9, 76-80.	0.6	3
84	Clinical factors associated with failed trials of labor in late preterm and term twin pregnancies. Journal of Perinatal Medicine, 2014, 42, 449-455.	1.4	3
85	Discrepancy in Doppler waveforms between two umbilical arteries in fetuses with absent or reversed endâ€diastolic flow: A prospective observational study. Journal of Clinical Ultrasound, 2019, 47, 526-530.	0.8	3
86	Self-reported pain scores as a predictor of preterm birth in symptomatic twin pregnancy: a retrospective study. BMC Pregnancy and Childbirth, 2021, 21, 472.	2.4	3
87	The Associations between Bridal Pregnancy and Obstetric Outcomes among Live Births in Korea: Population-Based Study. PLoS ONE, 2014, 9, e103178.	2.5	3
88	Value of sagittal color Doppler ultrasonography as a supplementary tool in the differential diagnosis of fetal cleft lip and palate. Ultrasonography, 2017, 36, 53-59.	2.3	3
89	Short- and long-term outcomes of preterm spontaneous twin anemia-polycythemia sequence. Journal of Perinatal Medicine, 2020, 48, 329-334.	1.4	3
90	Shortâ€ŧerm and longâ€ŧerm outcomes of trichorionic triplet pregnancies with expectant management. Acta Obstetricia Et Gynecologica Scandinavica, 2021, , .	2.8	3

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91	Promyelocytic leukaemia (PML) protein expression in human placenta and choriocarcinoma. Journal of Pathology, 2003, 201, 83-89.	4.5	2
92	Effects of Maternal Iodine Status during Pregnancy and Lactation on Maternal Thyroid Function and Offspring Growth and Development: A Prospective Study Protocol for the Ideal Breast Milk Cohort. Endocrinology and Metabolism, 2018, 33, 395.	3.0	2
93	Risk of Emergency Operations, Adverse Maternal and Neonatal Outcomes according to the Planned Gestational Age for Cesarean Delivery. Journal of Korean Medical Science, 2018, 33, e51.	2.5	2
94	The Amniotic Fluid Proteome Differs Significantly between Donor and Recipient Fetuses in Pregnancies Complicated by Twin-to-Twin Transfusion Syndrome. Journal of Korean Medical Science, 2020, 35, e73.	2.5	2
95	The diagnostic and prognostic value of MMP-8 PTD check in women with preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2006, 195, S6.	1.3	1
96	685: Clinical factors associated with failed trials of labor in late preterm and term twin pregnancies. American Journal of Obstetrics and Gynecology, 2014, 210, S335-S336.	1.3	1
97	Validation of a Strict Obesity Definition Proposed for Asians to Predict Adverse Pregnancy Outcomes in Korean Pregnant Women. Journal of Korean Medical Science, 2021, 36, e281.	2.5	1
98	Effect of Timing of Gonadotropin-Releasing Hormone Agonist Administration for Ovarian Protection in Patients with Breast Cancer. Journal of Breast Cancer, 2020, 23, 268.	1.9	1
99	The frequency and clinical significance of intra-amniotic inflammation in patients with painless cervical dilatation. American Journal of Obstetrics and Gynecology, 2005, 193, S113.	1.3	0
100	The relationship between twin-to-twin delivery interval and umbilical artery acid-base status in the twin newborns. American Journal of Obstetrics and Gynecology, 2005, 193, S118.	1.3	0
101	Angiotensinogen G(â^'6)A Polymorphism Is Associated With the Elevation of Blood Pressure in the Hypertensive Disorders of Pregnancy. Twin Research and Human Genetics, 2006, 9, 76-80.	0.6	0
102	Relationship between multiple genetic polymorphisms and hypertensive disorder in pregnancy. American Journal of Obstetrics and Gynecology, 2006, 195, S146.	1.3	0
103	Vascular endothelial growth factor gene +936 C/T polymorphism isÂassociated with preeclampsia in Korean women. American Journal of Obstetrics and Gynecology, 2006, 195, S149.	1.3	Ο
104	The role of diagnostic evaluation in establishing the contributing factors of fetal death in utero. American Journal of Obstetrics and Gynecology, 2006, 195, S178.	1.3	0
105	Interferon regulatory factor (IRF)-6 820 (G>A) polymorphism is not assiciated with nonsyndromic cleft lip and/or palate in korean population. American Journal of Obstetrics and Gynecology, 2006, 195, S179.	1.3	Ο
106	Development of Korean Academy of Medical Sciences Guideline Rating the Physical Impairment; Kidney, Bladder, Urethra, Male and Female Reproductive Systems (Preliminary Report). Journal of Korean Medical Science, 2009, 24, S277.	2.5	0
107	806: Midtrimester maternal plasma concentrations of angiopoietin 1, angiopoietin 2, and placental growth factor in pregnant women who subsequently develop preeclampsia. American Journal of Obstetrics and Cynecology, 2009, 201, S289.	1.3	0
108	Successful Vaginal Delivery of a Pregnant Woman with Cantrell's Pentalogy. Journal of Korean Medical Science, 2010, 25, 1241.	2.5	0

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109	186: The presence of funisitis is associated with a decreased risk for the development of neonatal respiratory distress syndrome. American Journal of Obstetrics and Gynecology, 2011, 204, S85.	1.3	Ο
110	793: Characterization of discriminatory urinary proteomic biomarkers for severe preeclampsia using seldi-TOF mass spectrometry. American Journal of Obstetrics and Gynecology, 2011, 204, S311.	1.3	0
111	152: Perinatal outcome of induction of labor compared with expectant management for term twin pregnancy. American Journal of Obstetrics and Gynecology, 2012, 206, S79-S80.	1.3	Ο
112	349: Antenatal ultrasonographic findings to predict esophageal atresia in cases with visible stomach bubble. American Journal of Obstetrics and Gynecology, 2012, 206, S164.	1.3	0
113	800: Neutrophil gelatinase-associated lipocalin (NGAL) concentrations are elevated in the circulation of women with preeclampsia. American Journal of Obstetrics and Gynecology, 2012, 206, S352.	1.3	0
114	Application of Hot Start PCR Method in PCR-based Preimplantation Genetic Diagnosis. Journal of Genetic Medicine, 2012, 9, 11-16.	0.2	0
115	Risk of Down syndrome in duodenal atresia and atrioventricular septal defect: Is there an ethnic difference?. Journal of Genetic Medicine, 2020, 17, 16-20.	0.2	0
116	Prenatal molecular diagnosis and carrier detection of Duchenne muscular dystrophy in Korea. Journal of Genetic Medicine, 2020, 17, 27-33.	0.2	0
117	Cord Blood Proteomic Biomarkers for Predicting Adverse Neurodevelopmental Outcomes in Monoamniotic Twins. Reproductive Sciences, 2022, , 1.	2.5	0