# Jong Kwan Jun

#### List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

 102
 6,178
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#	Paper	IF	Citations
102	Amniotic fluid inflammatory cytokines (interleukin-6, interleukin-1beta, and tumor necrosis factor-alpha), neonatal brain white matter lesions, and cerebral palsy. <i>American Journal of Obstetrics and Gynecology</i> , <b>1997</b> , 177, 19-26	6.4	676
101	Interleukin-6 concentrations in umbilical cord plasma are elevated in neonates with white matter lesions associated with periventricular leukomalacia. <i>American Journal of Obstetrics and Gynecology</i> , <b>1996</b> , 174, 1433-40	6.4	512
100	Clinical significance of intra-amniotic inflammation in patients with preterm labor and intact membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2001</b> , 185, 1130-6	6.4	466
99	Amniotic fluid interleukin-6: a sensitive test for antenatal diagnosis of acute inflammatory lesions of preterm placenta and prediction of perinatal morbidity. <i>American Journal of Obstetrics and Gynecology</i> , <b>1995</b> , 172, 960-70	6.4	432
98	Amniotic fluid cytokines (interleukin-6, tumor necrosis factor-alpha, interleukin-1 beta, and interleukin-8) and the risk for the development of bronchopulmonary dysplasia. <i>American Journal of Obstetrics and Gynecology</i> , <b>1997</b> , 177, 825-30	6.4	420
97	The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis. <i>American Journal of Obstetrics and Gynecology</i> , <b>2000</b> , 183, 1124-9	6.4	363
96	A systemic fetal inflammatory response and the development of bronchopulmonary dysplasia. <i>American Journal of Obstetrics and Gynecology</i> , <b>1999</b> , 181, 773-9	6.4	310
95	Clinical significance of intra-amniotic inflammation in patients with preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2004</b> , 191, 1339-45	6.4	249
94	Experimentally induced intrauterine infection causes fetal brain white matter lesions in rabbits. <i>American Journal of Obstetrics and Gynecology</i> , <b>1997</b> , 177, 797-802	6.4	247
93	Clinical implications of detection of Ureaplasma urealyticum in the amniotic cavity with the polymerase chain reaction. <i>American Journal of Obstetrics and Gynecology</i> , <b>2000</b> , 183, 1130-7	6.4	172
92	The clinical significance of detecting Ureaplasma urealyticum by the polymerase chain reaction in the amniotic fluid of patients with preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , <b>2003</b> , 189, 919-24	6.4	171
91	The frequency and significance of intraamniotic inflammation in patients with cervical insufficiency. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 198, 633.e1-8	6.4	128
90	An elevated amniotic fluid matrix metalloproteinase-8 level at the time of mid-trimester genetic amniocentesis is a risk factor for spontaneous preterm delivery. <i>American Journal of Obstetrics and Gynecology</i> , <b>2001</b> , 185, 1162-7	6.4	124
89	Serum C-reactive protein, white blood cell count, and amniotic fluid white blood cell count in women with preterm premature rupture of membranes. <i>Obstetrics and Gynecology</i> , <b>1996</b> , 88, 1034-40	4.9	115
88	Maternal blood C-reactive protein, white blood cell count, and temperature in preterm labor: a comparison with amniotic fluid white blood cell count. <i>Obstetrics and Gynecology</i> , <b>1996</b> , 87, 231-7	4.9	103
87	A rapid matrix metalloproteinase-8 bedside test for the detection of intraamniotic inflammation in women with preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 197, 292.e1-5	6.4	95
86	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. <i>Placenta</i> , <b>2009</b> , 30, 56-61	3.4	85

## (2005-2007)

85	Measurement of placental alpha-microglobulin-1 in cervicovaginal discharge to diagnose rupture of membranes. <i>Obstetrics and Gynecology</i> , <b>2007</b> , 109, 634-40	4.9	84
84	Follicle-stimulating hormone receptor gene polymorphism and ovarian responses to controlled ovarian hyperstimulation for IVF-ET. <i>Journal of Human Genetics</i> , <b>2006</b> , 51, 665-670	4.3	81
83	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. <i>American Journal of Obstetrics and Gynecology</i> , <b>1998</b> , 179, 1107-14	6.4	77
82	Vascular endothelial growth factor gene +405 C/G polymorphism is associated with susceptibility to advanced stage endometriosis. <i>Human Reproduction</i> , <b>2005</b> , 20, 2904-8	5.7	77
81	Interleukin 6 determinations in cervical fluid have diagnostic and prognostic value in preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2000</b> , 183, 868-73	6.4	77
80	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. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 193, 984-9	6.4	73
79	Prenatal maternal distress affects atopic dermatitis in offspring mediated by oxidative stress. Journal of Allergy and Clinical Immunology, <b>2016</b> , 138, 468-475.e5	11.5	68
78	The antenatal identification of funisitis with a rapid MMP-8 bedside test. <i>Journal of Perinatal Medicine</i> , <b>2008</b> , 36, 497-502	2.7	55
77	A new anti-microbial combination prolongs the latency period, reduces acute histologic chorioamnionitis as well as funisitis, and improves neonatal outcomes in preterm PROM. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2016</b> , 29, 707-20	2	50
76	The relationship between oligohydramnios and the onset of preterm labor in preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2001</b> , 184, 459-62	6.4	46
75	Identification of proteomic biomarkers of preeclampsia in amniotic fluid using SELDI-TOF mass spectrometry. <i>Reproductive Sciences</i> , <b>2008</b> , 15, 457-68	3	43
74	Self-reported smoking and urinary cotinine levels among pregnant women in Korea and factors associated with smoking during pregnancy. <i>Journal of Korean Medical Science</i> , <b>2010</b> , 25, 752-7	4.7	42
73	Measurement of fetal urine production by three-dimensional ultrasonography in normal pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 281-6	5.8	38
72	Vascular endothelial growth factor gene +936 C/T polymorphism is associated with preeclampsia in Korean women. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 197, 271.e1-4	6.4	37
71	The frequency and clinical significance of intra-uterine infection and inflammation in patients with placenta previa and preterm labor and intact membranes. <i>Placenta</i> , <b>2009</b> , 30, 613-8	3.4	34
70	The presence of funisitis is associated with a decreased risk for the development of neonatal respiratory distress syndrome. <i>Placenta</i> , <b>2011</b> , 32, 235-40	3.4	32
69	Histologic chorioamnionitis is more common after spontaneous labor than after induced labor at term. <i>Placenta</i> , <b>2010</b> , 31, 792-5	3.4	32
68	Estrogen receptor dinucleotide repeat polymorphism is associated with minimal or mild endometriosis. <i>Fertility and Sterility</i> , <b>2005</b> , 84, 774-7	4.8	30

67	Evidence to support that spontaneous preterm labor is adaptive in nature: neonatal RDS is more common in "indicated" than in "spontaneous" preterm birth. <i>Journal of Perinatal Medicine</i> , <b>2009</b> , 37, 53	3-8 <sup>2.7</sup>	27
66	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?. <i>Twin Research and Human Genetics</i> , <b>2005</b> , 8, 638-648	2.2	23
65	Congenital subependymal giant cell astrocytoma: clinical considerations and expression of radial glial cell markers in giant cells. <i>Childra Nervous System</i> , <b>2008</b> , 24, 1499-503	1.7	22
64	C-reactive protein concentration in vaginal fluid as a marker for intra-amniotic inflammation/infection in preterm premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2005</b> , 18, 417-22	2	22
63	Fetal plasma cortisol and dehydroepiandrosterone sulfate concentrations in pregnancy and term parturition. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2006</b> , 19, 529-36	2	21
62	Amniotic fluid tumor necrosis factor-alpha is a marker for the prediction of early-onset neonatal sepsis in preterm labor. <i>Gynecologic and Obstetric Investigation</i> , <b>2004</b> , 58, 84-90	2.5	21
61	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. <i>Experimental Neurobiology</i> , <b>2015</b> , 24, 55-70	4	20
60	Six novel mutations in the vasopressin V2 receptor gene causing nephrogenic diabetes insipidus. <i>Nephron</i> , <b>1997</b> , 75, 431-7		20
59	Identification of proteomic biomarkers in maternal plasma in the early second trimester that predict the subsequent development of gestational diabetes. <i>Reproductive Sciences</i> , <b>2012</b> , 19, 202-9	3	18
58	Expression of extracellular signal-regulated kinase1/2 and p38 mitogen-activated protein kinase in the invasive trophoblasts at the human placental bed. <i>Placenta</i> , <b>2008</b> , 29, 391-5	3.4	18
57	Differential activation of mitogen activated protein kinases and nuclear factor-kappaB in lipopolysaccharide-treated term and preterm amnion cells. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2005</b> , 447, 45-52	5.1	18
56	Fetal, amniotic and maternal inflammatory responses in early stage of ascending intrauterine infection, inflammation restricted to chorio-decidua, in preterm gestation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2014</b> , 27, 98-105	2	17
55	Pregnancy-related knowledge, risk perception, and reproductive decision making of women with epilepsy in Korea. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2013</b> , 22, 834-9	3.2	16
54	The PAI-1 4G/5G and ACE I/D polymorphisms and risk of recurrent pregnancy loss: a case-control study. <i>American Journal of Reproductive Immunology</i> , <b>2014</b> , 72, 571-6	3.8	16
53	Clinical significance of oligohydramnios in patients with preterm labor and intact membranes. Journal of Perinatal Medicine, <b>2011</b> , 39, 131-6	2.7	16
52	Angiopoietin-2: a promising indicator for the occurrence of severe preeclampsia. <i>Hypertension in Pregnancy</i> , <b>2012</b> , 31, 189-99	2	15
51	Measurement of fetal urine production to differentiate causes of increased amniotic fluid volume. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2010</b> , 36, 191-5	5.8	14
50	Importance of angiographic visualization of round ligament arteries in women evaluated for intractable vaginal bleeding after uterine artery embolization. <i>Journal of Vascular and Interventional Radiology</i> , <b>2009</b> , 20, 1031-5	2.4	14

## (2019-2017)

49	Methylenetetrahydrofolate Reductase Polymorphisms and Risk of Recurrent Pregnancy Loss: a Case-Control Study. <i>Journal of Korean Medical Science</i> , <b>2017</b> , 32, 2029-2034	4.7	13	
48	The frequency and clinical significance of twin gestations according to zygosity and chorionicity.  Twin Research and Human Genetics, <b>2010</b> , 13, 609-19	2.2	13	
47	Usefulness of cervical volume by three-dimensional ultrasound in identifying the risk for preterm birth. <i>Ultrasound in Medicine and Biology</i> , <b>2011</b> , 37, 1039-45	3.5	12	
46	Relationship between twin-to-twin delivery interval and umbilical artery acid-base status in the second twin. <i>Journal of Korean Medical Science</i> , <b>2007</b> , 22, 248-53	4.7	11	
45	Placental transfer of clarithromycin in human pregnancies with preterm premature rupture of membranes. <i>Journal of Perinatal Medicine</i> , <b>2012</b> , 40, 641-6	2.7	9	
44	Effects of antenatal corticosteroids in twin neonates with late preterm birth (ACTWIN [Antenatal Corticosteroids in TWIN late preterm neonates] trial): study protocol for a randomized controlled trial. <i>BMC Pregnancy and Childbirth</i> , <b>2019</b> , 19, 114	3.2	8	
43	Fragmented forms of insulin-like growth factor binding protein-1 in amniotic fluid of patients with preterm labor and intact membranes. <i>Reproductive Sciences</i> , <b>2011</b> , 18, 842-9	3	8	
42	Identification and characterization of proteins in amniotic fluid that are differentially expressed before and after antenatal corticosteroid administration. <i>American Journal of Obstetrics and Gynecology</i> , <b>2010</b> , 202, 388.e1-388.e10	6.4	8	
41	Prevalence and clinical features of arthralgia/arthritis in healthy pregnant women. <i>Rheumatology International</i> , <b>2008</b> , 28, 1111-5	3.6	8	
40	Prospective observations study protocol to investigate cost-effectiveness of various prenatal test strategies after the introduction of noninvasive prenatal testing. <i>BMC Pregnancy and Childbirth</i> , <b>2018</b> , 18, 307	3.2	7	
39	Usefulness of fetal urine production measurement for prediction of perinatal outcomes in uteroplacental insufficiency. <i>Journal of Ultrasound in Medicine</i> , <b>2014</b> , 33, 2165-71	2.9	7	
38	Prenatal diagnosis of bilateral pulmonary agenesis: a case report. <i>Korean Journal of Radiology</i> , <b>2010</b> , 11, 119-22	6.9	7	
37	Successful vaginal birth after prior cesarean section in a patient with pyoderma gangrenosum. <i>Obstetrics and Gynecology Science</i> , <b>2016</b> , 59, 62-5	1.9	7	
36	Antenatal Prediction of Neonatal Survival in Sacrococcygeal Teratoma. <i>Journal of Ultrasound in Medicine</i> , <b>2018</b> , 37, 2003-2009	2.9	6	
35	Prenatal prediction of neonatal death in single ventricle congenital heart disease. <i>Prenatal Diagnosis</i> , <b>2016</b> , 36, 346-52	3.2	6	
34	Prediction and prevention of preterm birth after cervical conization. <i>Journal of Gynecologic Oncology</i> , <b>2010</b> , 21, 207-8	4	5	
33	Presenting Twins Are Exposed to Higher Levels of Inflammatory Mediators than Nonpresenting Twins as Early as the Midtrimester of Pregnancy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125346	3.7	5	
32	Amenorrhea and Menopause in Patients with Breast Cancer after Chemotherapy. <i>Journal of Breast Cancer</i> , <b>2019</b> , 22, 624-634	3	5	

31	Leukocyte Telomere Length Reflects Prenatal Stress Exposure, But Does Not Predict Atopic Dermatitis Development at 1 Year. <i>Allergy, Asthma and Immunology Research</i> , <b>2019</b> , 11, 357-366	5.3	5
30	Proteomic biomarkers in mid-trimester amniotic fluid associated with adverse pregnancy outcomes in patients with systemic lupus erythematosus. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235838	3.7	5
29	Fetal Survival Immediate after Fetoscopic Laser Ablation in Twin to Twin Transfusion Syndrome. Journal of Korean Medical Science, <b>2019</b> , 34, e20	4.7	4
28	The risk of preterm birth in vanishing twin: A multicenter prospective cohort study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233097	3.7	3
27	Prenatal prediction of neonatal survival in cases diagnosed with congenital diaphragmatic hernia using abdomen-to-thorax ratio determined by ultrasonography. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2014</b> , 40, 2037-43	1.9	3
26	Clinical factors associated with failed trials of labor in late preterm and term twin pregnancies. Journal of Perinatal Medicine, <b>2014</b> , 42, 449-55	2.7	3
25	Angiotensinogen G(B)A Polymorphism Is Associated With the Elevation of Blood Pressure in the Hypertensive Disorders of Pregnancy. <i>Twin Research and Human Genetics</i> , <b>2006</b> , 9, 76-80	2.2	3
24	Uterine artery pulsatility index in hypertensive pregnancies: When does the index normalize in the puerperium?. <i>Obstetrics and Gynecology Science</i> , <b>2016</b> , 59, 463-469	1.9	3
23	N-terminal pro-B-type natriuretic peptide and cardiac troponin T in non-immune hydrops. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2016</b> , 42, 380-4	1.9	3
22	Management of Women with Antiphospholipid Antibodies or Antiphospholipid Syndrome during Pregnancy. <i>Journal of Korean Medical Science</i> , <b>2021</b> , 36, e24	4.7	3
21	The Risk of Spontaneous Preterm Birth according to Maternal Pre-pregnancy Body Mass Index in Twin Gestations. <i>Journal of Korean Medical Science</i> , <b>2018</b> , 33, e103	4.7	2
20	Promyelocytic leukaemia (PML) protein expression in human placenta and choriocarcinoma. <i>Journal of Pathology</i> , <b>2003</b> , 201, 83-9	9.4	2
19	The associations between bridal pregnancy and obstetric outcomes among live births in Korea: population-based study. <i>PLoS ONE</i> , <b>2014</b> , 9, e103178	3.7	2
18	Discrepancy in Doppler waveforms between two umbilical arteries in fetuses with absent or reversed end-diastolic flow: A prospective observational study. <i>Journal of Clinical Ultrasound</i> , <b>2019</b> , 47, 526-530	1	1
17	Angiotensinogen G(-6)A polymorphism is associated with the elevation of blood pressure in the hypertensive disorders of pregnancy. <i>Twin Research and Human Genetics</i> , <b>2006</b> , 9, 76-80	2.2	1
16	The Amniotic Fluid Proteome Differs Significantly between Donor and Recipient Fetuses in Pregnancies Complicated by Twin-to-Twin Transfusion Syndrome. <i>Journal of Korean Medical Science</i> , <b>2020</b> , 35, e73	4.7	1
15	Short- and long-term outcomes of preterm spontaneous twin anemia-polycythemia sequence. <i>Journal of Perinatal Medicine</i> , <b>2020</b> ,	2.7	1
14	Value of sagittal color Doppler ultrasonography as a supplementary tool in the differential diagnosis of fetal cleft lip and palate. <i>Ultrasonography</i> , <b>2017</b> , 36, 53-59	4.3	1

#### LIST OF PUBLICATIONS

13	retrospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2021</b> , 128, 85	7 <i>-</i> 864	1
12	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. <i>Endocrinology and Metabolism</i> , <b>2018</b> , 33, 395-402	3.5	1
11	Self-reported pain scores as a predictor of preterm birth in symptomatic twin pregnancy: a retrospective study. <i>BMC Pregnancy and Childbirth</i> , <b>2021</b> , 21, 472	3.2	1
10	Risk of Emergency Operations, Adverse Maternal and Neonatal Outcomes according to the Planned Gestational Age for Cesarean Delivery. <i>Journal of Korean Medical Science</i> , <b>2018</b> , 33, e51	4.7	O
9	Effect of Timing of Gonadotropin-Releasing Hormone Agonist Administration for Ovarian Protection in Patients with Breast Cancer. <i>Journal of Breast Cancer</i> , <b>2020</b> , 23, 268-278	3	O
8	Funisitis as a Risk Factor for Adverse Neonatal Outcomes in Twin Neonates with Spontaneous Preterm Birth: A Retrospective Cohort Study. <i>Yonsei Medical Journal</i> , <b>2021</b> , 62, 822-828	3	O
7	Successful vaginal delivery of a pregnant woman with CantrellB Pentalogy. <i>Journal of Korean Medical Science</i> , <b>2010</b> , 25, 1241-3	4.7	
6	Development of Korean Academy of Medical Sciences Guideline rating the physical impairment; kidney, bladder, urethra, male and female reproductive systems (preliminary report). <i>Journal of Korean Medical Science</i> , <b>2009</b> , 24 Suppl 2, S277-87	4.7	
5	Validation of a Strict Obesity Definition Proposed for Asians to Predict Adverse Pregnancy Outcomes in Korean Pregnant Women. <i>Journal of Korean Medical Science</i> , <b>2021</b> , 36, e281	4.7	
4	Risk of Down syndrome in duodenal atresia and atrioventricular septal defect: Is there an ethnic difference?. <i>Journal of Genetic Medicine</i> , <b>2020</b> , 17, 16-20	0.2	
3	Prenatal molecular diagnosis and carrier detection of Duchenne muscular dystrophy in Korea. <i>Journal of Genetic Medicine</i> , <b>2020</b> , 17, 27-33	0.2	
2	Application of Hot Start PCR Method in PCR-based Preimplantation Genetic Diagnosis. <i>Journal of Genetic Medicine</i> , <b>2012</b> , 9, 11-16	0.2	
1	Cord Blood Proteomic Biomarkers for Predicting Adverse Neurodevelopmental Outcomes in Monoamniotic Twins <i>Reproductive Sciences</i> , <b>2022</b> , 1	3	