

Suk-Joo Choi

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

1,579
citations

331670

21
h-index

414414

32
g-index

116
all docs

116
docs citations

116
times ranked

2405
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenatal maternal distress affects atopic dermatitis in offspring mediated by oxidative stress. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 468-475.e5.	2.9	99
2	Comparative Proteomic Analysis of the Mesenchymal Stem Cells Secretome from Adipose, Bone Marrow, Placenta and Wharton's Jelly. <i>International Journal of Molecular Sciences</i> , 2021, 22, 845.	4.1	94
3	Additive Effect between IL-13 Polymorphism and Cesarean Section Delivery/Prenatal Antibiotics Use on Atopic Dermatitis: A Birth Cohort Study (COCO). <i>PLoS ONE</i> , 2014, 9, e96603.	2.5	60
4	Is there a stepwise increase in neonatal morbidities according to histological stage (or grade) of acute chorioamnionitis and funisitis?: effect of gestational age at delivery. <i>Journal of Perinatal Medicine</i> , 2015, 43, 259-267.	1.4	55
5	The effect of single or multiple courses of antenatal corticosteroid therapy on neonatal respiratory distress syndrome in singleton versus twin pregnancies. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2009, 49, 173-179.	1.0	42
6	Optimal time interval between a single course of antenatal corticosteroids and delivery for reduction of respiratory distress syndrome in preterm twins. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 209, 256.e1-256.e7.	1.3	42
7	Prevalence of vaginal microorganisms among pregnant women according to trimester and association with preterm birth. <i>Obstetrics and Gynecology Science</i> , 2018, 61, 38.	1.6	42
8	Uterine rupture in pregnancies following myomectomy: A multicenter case series. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 454.	1.6	36
9	Different characteristics of mesenchymal stem cells isolated from different layers of full term placenta. <i>PLoS ONE</i> , 2017, 12, e0172642.	2.5	34
10	Vaginal microbiome profiles of pregnant women in Korea using a 16S metagenomics approach. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13124.	1.2	33
11	Clinical characteristics and outcome of cancer diagnosed during pregnancy. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 1.	1.6	32
12	Cervicovaginal fluid cytokines as predictive markers of preterm birth in symptomatic women. <i>Obstetrics and Gynecology Science</i> , 2020, 63, 455-463.	1.6	32
13	Antepartum Risk Factors Associated with Peripartum Cesarean Hysterectomy in Women with Placenta Previa. <i>American Journal of Perinatology</i> , 2008, 25, 037-041.	1.4	31
14	Sirolimus therapy for fetal cardiac rhabdomyoma in a pregnant woman with tuberous sclerosis. <i>Obstetrics and Gynecology Science</i> , 2019, 62, 280.	1.6	31
15	Prenatal diagnosis of congenital heart disease: Trends in pregnancy termination rate, and perinatal and 1-year infant mortalities in Korea between 1994 and 2005. <i>Journal of Obstetrics and Gynaecology Research</i> , 2010, 36, 474-478.	1.3	29
16	Clinical characteristics and perinatal outcome of fetal hydrops. <i>Obstetrics and Gynecology Science</i> , 2015, 58, 90.	1.6	29
17	Prenatal PM2.5 exposure and vitamin D-associated early persistent atopic dermatitis via placental methylation. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 125, 665-673.e1.	1.0	26
18	Cervicovaginal matrix metalloproteinase-9 and cervical ripening in human term parturition. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2009, 142, 43-47.	1.1	24

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19	Increased expression of N-myc downstream-regulated gene 1 (NDRG1) in placentas from pregnancies complicated by intrauterine growth restriction or preeclampsia. American Journal of Obstetrics and Gynecology, 2007, 196, 45.e1-45.e7.	1.3	23
20	Postpartum Glucose Testing Rates Following Gestational Diabetes Mellitus and Factors Affecting Testing Non-compliance from Four Tertiary Centers in Korea. Journal of Korean Medical Science, 2015, 30, 1841.	2.5	23
21	Autophagy regulates trophoblast invasion by targeting NF- κ B activity. Scientific Reports, 2020, 10, 14033.	3.3	23
22	A combined ultrasound and clinical scoring model for the prediction of peripartum complications in pregnancies complicated by placenta previa. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2014, 180, 111-115.	1.1	21
23	Prenatal diagnosis of congenital mesoblastic nephroma. Obstetrics and Gynecology Science, 2015, 58, 405.	1.6	21
24	Use of progesterone supplement therapy for prevention of preterm birth: review of literatures. Obstetrics and Gynecology Science, 2017, 60, 405.	1.6	21
25	Prenatal Exposure to Lead and Chromium is Associated with IL-13 Levels in Umbilical Cord Blood and Severity of Atopic Dermatitis: COCOA Study. Immune Network, 2019, 19, e42.	3.6	21
26	Clinical and genetic analysis of HLXB9 gene in Korean patients with Currarino syndrome. Journal of Human Genetics, 2007, 52, 698-701.	2.3	20
27	Risk factors differentiating mild/moderate from severe meconium aspiration syndrome in meconium-stained neonates. Obstetrics and Gynecology Science, 2015, 58, 24.	1.6	20
28	Primo Vascular System in Human Umbilical Cord and Placenta. JAMS Journal of Acupuncture and Meridian Studies, 2014, 7, 291-297.	0.7	19
29	Reference intervals of thyroid hormones during pregnancy in Korea, an iodine-replete area. Korean Journal of Internal Medicine, 2018, 33, 552-560.	1.7	18
30	Should the diagnostic criteria for suspected clinical chorioamnionitis be changed?. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 824-833.	1.5	18
31	A case of huge retroperitoneal liposarcoma in pregnancy. Obstetrics and Gynecology Science, 2014, 57, 236.	1.6	17
32	Cord Blood Cellular Proliferative Response as a Predictive Factor for Atopic Dermatitis at 12 Months. Journal of Korean Medical Science, 2012, 27, 1320.	2.5	16
33	Amniopatch Treatment for Spontaneous Previab, Preterm Premature Rupture of Membranes Associated or Not with Incompetent Cervix. Fetal Diagnosis and Therapy, 2013, 33, 47-54.	1.4	16
34	Risk of cesarean section after induced versus spontaneous labor at term gestation. Obstetrics and Gynecology Science, 2015, 58, 346.	1.6	16
35	Perinatal outcome of twin pregnancies according to maternal age. Obstetrics and Gynecology Science, 2019, 62, 93.	1.6	16
36	Prenatal 25-hydroxyvitamin D deficiency affects development of atopic dermatitis via DNA methylation. Journal of Allergy and Clinical Immunology, 2019, 143, 1215-1218.	2.9	16

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37	Isolation of basal membrane proteins from BeWo cells and their expression in placentas from fetal growth-restricted pregnancies. <i>Placenta</i> , 2016, 39, 24-32.	1.5	15
38	Neonatal outcomes of twin pregnancies delivered at late-preterm versus term gestation based on chorionicity and indication for delivery. <i>Journal of Perinatal Medicine</i> , 2016, 44, 903-911.	1.4	15
39	Iodine status in healthy pregnant women in Korea: a first report. <i>European Journal of Nutrition</i> , 2016, 55, 469-475.	3.9	15
40	Amniopatch treatment for preterm premature rupture of membranes before 23 weeks' gestation and factors associated with its success. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 599-605.	1.3	15
41	Elevated methylation of the vault RNA2-1 promoter in maternal blood is associated with preterm birth. <i>BMC Genomics</i> , 2021, 22, 528.	2.8	15
42	Association Between Prenatal Sonographic Findings of Duodenal Obstruction and Adverse Outcomes. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 1931-1938.	1.7	13
43	Maternal Cerebral Blood Flow and Glucose Metabolism in Pregnancies Complicated by Severe Preeclampsia. <i>Hypertension in Pregnancy</i> , 2012, 31, 177-188.	1.1	12
44	Gestational age at delivery and neonatal outcome in uncomplicated twin pregnancies: what is the optimal gestational age for delivery according to chorionicity?. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 9.	1.6	12
45	Clinical characteristics of pregnancies complicated by congenital myotonic dystrophy. <i>Obstetrics and Gynecology Science</i> , 2017, 60, 323.	1.6	12
46	Indications and characteristics of obstetric patients admitted to the intensive care unit: a 22-year review in a tertiary care center. <i>Obstetrics and Gynecology Science</i> , 2018, 61, 209.	1.6	12
47	The trends and risk factors to predict adverse outcomes in gestational diabetes mellitus: a 10-year experience from 2006 to 2015 in a single tertiary center. <i>Obstetrics and Gynecology Science</i> , 2018, 61, 309.	1.6	12
48	Uterine wall thickness at the second trimester can predict subsequent preterm delivery in pregnancies with adenomyosis. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019, 58, 598-603.	1.3	12
49	Anti-Fibrotic Effect of Human Wharton's Jelly-Derived Mesenchymal Stem Cells on Skeletal Muscle Cells, Mediated by Secretion of MMP-1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6269.	4.1	12
50	Differential immunophenotype of macrophages in acute and chronic chorioamnionitis. <i>Journal of Perinatal Medicine</i> , 2017, 45, 483-491.	1.4	11
51	Comparison of antibiotic regimens in preterm premature rupture of membranes: neonatal morbidity and 2-year follow-up of neurologic outcome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2212-2218.	1.5	11
52	A two-year experience of non-invasive prenatal testing (NIPT) at an urban tertiary medical center in South Korea. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019, 58, 545-551.	1.3	11
53	Chronic Placental Inflammation in Twin Pregnancies. <i>Journal of Pathology and Translational Medicine</i> , 2015, 49, 489-496.	1.1	11
54	Abnormal vaginal colonization by gram-negative bacteria is significantly higher in pregnancy conceived through infertility treatment compared to natural pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 556-561.	1.5	10

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55	Antenatal magnesium sulfate treatment and risk of necrotizing enterocolitis in preterm infants born at less than 32 weeks of gestation. <i>Scientific Reports</i> , 2020, 10, 12826.	3.3	10
56	Mid-pregnancy PM2.5 exposure affects sex-specific growth trajectories via ARRDC3 methylation. <i>Environmental Research</i> , 2021, 200, 111640.	7.5	10
57	Maternal pre-pregnancy body mass index and the risk for gestational diabetes mellitus in women with twin pregnancy in South Korea. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2021, 60, 863-868.	1.3	9
58	Leukocyte Telomere Length Reflects Prenatal Stress Exposure, But Does Not Predict Atopic Dermatitis Development at 1 Year. <i>Allergy, Asthma and Immunology Research</i> , 2019, 11, 357.	2.9	9
59	Increased Risk of Meconium-Related Ileus in Extremely Premature Infants Exposed to Antenatal Magnesium Sulfate. <i>Neonatology</i> , 2022, 119, 68-76.	2.0	9
60	Dietary Diversity during Early Infancy Increases Microbial Diversity and Prevents Egg Allergy in High-Risk Infants. <i>Immune Network</i> , 2022, 22, e17.	3.6	9
61	Post-cerclage ultrasonographic cervical length can predict preterm delivery in elective cervical cerclage patients. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 17.	1.6	8
62	Pressure Stimuli Improve the Proliferation of Wharton's Jelly-Derived Mesenchymal Stem Cells under Hypoxic Culture Conditions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7092.	4.1	8
63	Degree of intrapartum fever and associated factors: Three group analysis of no fever, borderline and overt fever. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 1153-1163.	1.3	8
64	A case-control study of clinical characteristics and risk factors of symptomatic postpartum pubic symphysis diastasis. <i>Scientific Reports</i> , 2021, 11, 3289.	3.3	8
65	Wharton's Jelly-Derived Mesenchymal Stem Cells Reduce Fibrosis in a Mouse Model of Duchenne Muscular Dystrophy by Upregulating microRNA 499. <i>Biomedicines</i> , 2021, 9, 1089.	3.2	8
66	A Korean multicenter study of prenatal risk factors for overt diabetes during the postpartum period after gestational diabetes mellitus. <i>International Journal of Gynecology and Obstetrics</i> , 2016, 132, 342-346.	2.3	7
67	Prevalence of associated extracardiac anomalies in prenatally diagnosed congenital heart diseases. <i>PLoS ONE</i> , 2021, 16, e0248894.	2.5	7
68	Clinical outcomes and neurodevelopmental outcome of prenatally diagnosed agenesis of corpus callosum in single center of Korea. <i>Obstetrics and Gynecology Science</i> , 2017, 60, 8.	1.6	6
69	Predicting factors for success of vaginal delivery in preterm induction with prostaglandin E2. <i>Obstetrics and Gynecology Science</i> , 2017, 60, 163.	1.6	6
70	Prospective study of bidet toilet use: Association of abnormal vaginal colonization and preterm birth in high-risk pregnant women. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 1134-1142.	1.3	6
71	How much have the perinatal outcomes of triplet pregnancies improved over the last two decades?. <i>Obstetrics and Gynecology Science</i> , 2019, 62, 224.	1.6	6
72	Use of extracorporeal membrane oxygenation in postpartum patients with refractory shock or respiratory failure. <i>Scientific Reports</i> , 2021, 11, 887.	3.3	6

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73	Cushing syndrome in pregnancy secondary to adrenal adenoma. <i>Obstetrics and Gynecology Science</i> , 2013, 56, 400.	1.6	6
74	Interaction between 25-hydroxyvitamin D and variants at 17q12-21 on respiratory infections. <i>Pediatric Pulmonology</i> , 2016, 51, 958-967.	2.0	5
75	Exposure of Mesenchymal Stem Cells to an Alzheimer's Disease Environment Enhances Therapeutic Effects. <i>Stem Cells International</i> , 2021, 2021, 1-14.	2.5	5
76	Umbilical cord arterial blood gas analysis in term singleton pregnancies: a retrospective analysis over 11 years. <i>Obstetrics and Gynecology Science</i> , 2020, 63, 293-304.	1.6	5
77	Obstetric and neonatal outcomes of gestational diabetes mellitus in twin pregnancies according to changes in its diagnostic criteria from National Diabetes Data Group criteria to Carpenter and Coustan criteria: a retrospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 9.	2.4	5
78	Pregnancy and Neonatal Outcomes in Gestational Diabetes Treated with Regular Insulin or Fast-Acting Insulin Analogues. <i>Gynecologic and Obstetric Investigation</i> , 2016, 81, 232-237.	1.6	4
79	In utero exposure to ritodrine during pregnancy and risk of autism in their offspring until 8 years of age. <i>Scientific Reports</i> , 2021, 11, 1146.	3.3	4
80	Differential impact of abnormal vaginal colonization on perinatal outcome and association with early-onset neonatal sepsis: preterm labor vs. preterm premature rupture of membrane. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 8338-8344.	1.5	4
81	The Effect of Multidisciplinary Approach on the Birth Rate of Fetuses with Prenatally Diagnosed Congenital Heart Disease. <i>Journal of Korean Medical Science</i> , 2019, 34, e170.	2.5	4
82	Prenatal diagnosis of combined methylmalonic acidemia and homocystinuria cobalamin C type using clinical exome sequencing and targeted gene analysis. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1838.	1.2	4
83	Obstetric and neonatal outcomes after treatment of gestational diabetes mellitus class A1 and class A2. <i>Korean Journal of Obstetrics and Gynecology</i> , 2010, 53, 681.	0.1	4
84	Outcome of isolated fetal renal pyelectasis diagnosed during midtrimester screening ultrasound and cut-off value to predict a persistent or progressive pyelectasis in utero. <i>Journal of Perinatal Medicine</i> , 2013, 41, 401-409.	1.4	3
85	Complete involution of prenatally-diagnosed fetal scalp hemangioma. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014, 53, 86-89.	1.3	3
86	Hepatic infarction in a pregnant woman with antiphospholipid syndrome and triple antibody positivity: A case report focusing on catastrophic antiphospholipid syndrome. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 397.	1.6	3
87	Short- and long-term neonatal outcomes according to differential exposure to antenatal corticosteroid therapy in preterm births prior to 24 weeks of gestation. <i>PLoS ONE</i> , 2018, 13, e0198471.	2.5	3
88	The effects of birth order on neonatal outcomes in early-preterm, late-preterm and term twin infants*. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 1980-1987.	1.5	3
89	Association of adherence to guidelines for cervical cerclage with perinatal outcomes and placental inflammation in women with cervical length ≤ 2.0 cm. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2021, 60, 665-673.	1.3	3
90	Placental Mesenchymal Dysplasia with Fetal Gastroschisis. <i>Journal of Pathology and Translational Medicine</i> , 2015, 49, 71-74.	1.1	3

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91	Changes in the perinatal outcomes of twin pregnancies delivered at a tertiary referral center in Korea during a 24-year period from 1995 to 2018. <i>Obstetrics and Gynecology Science</i> , 2020, 63, 251-260.	1.6	3
92	Influence of Pre-Pregnancy Underweight Body Mass Index on Fetal Abdominal Circumference, Estimated Weight, and Pregnancy Outcomes in Gestational Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2022, 46, 499-505.	4.7	3
93	Hyperplastic primary vitreous with hemorrhage manifested as a hyperechoic mass in the fetal orbit by prenatal ultrasound in a case of isolated unilateral microphthalmia. <i>Obstetrics and Gynecology Science</i> , 2015, 58, 309.	1.6	2
94	How high is too high in cutoff levels from 50-g glucose challenge test. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 178.	1.6	2
95	Changes in calcium channel proteins according to magnesium sulfate administration in placentas from pregnancies with pre-eclampsia or fetal growth restriction. <i>Journal of Investigative Medicine</i> , 2019, 67, 319-326.	1.6	2
96	Randomized, Double-Blind, Placebo-Controlled Trial on the Efficacy of Hyaluronidase in Preventing Perineal Trauma in Nulliparous Women. <i>Yonsei Medical Journal</i> , 2020, 61, 79.	2.2	2
97	Summary of clinically diagnosed amniotic fluid embolism cases in Korea and disagreement with 4 criteria proposed for research purpose. <i>Obstetrics and Gynecology Science</i> , 2021, 64, 190-200.	1.6	2
98	Prenatal ultrasonographic findings of esophageal atresia: potential diagnostic role of the stomach shape. <i>Obstetrics and Gynecology Science</i> , 2021, 64, 42-51.	1.6	2
99	Successful twin pregnancy by assisted reproductive technology after laparoscopic-assisted radical vaginal trachelectomy. <i>Journal of Women S Medicine</i> , 2010, 3, 23.	0.1	2
100	The effects of maternal body mass index and plurality on maternal and umbilical cord serum magnesium levels in preterm birth at less than 32 weeks of gestation. <i>Obstetrics and Gynecology Science</i> , 2021, 64, 62-72.	1.6	1
101	Can a Difference in Gestational Age According to Biparietal Diameter and Abdominal Circumference Predict Intrapartum Placental Abruption?. <i>Journal of Clinical Medicine</i> , 2021, 10, 2413.	2.4	1
102	The Interaction Between Prenatal Exposure to Home Renovation and Reactive Oxygen Species Genes in Cord Blood IgE Response is Modified by Maternal Atopy. <i>Allergy, Asthma and Immunology Research</i> , 2016, 8, 41.	2.9	1
103	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> , 2021, 36, e281.	2.5	1
104	Effects of Adding Intravenous Pamidronate to Ongoing Menopausal Hormone Therapy in Postmenopausal Korean Women with Low Bone Mineral Density. <i>Journal of Menopausal Medicine</i> , 2019, 25, 117.	1.1	1
105	Growing Threat of <i>Extended-Spectrum β-Lactamase-Producing Enterobacteriaceae</i> Colonization in <i>High-Risk</i> Pregnancies: a cross-sectional study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, , .	2.3	1
106	Comparison of prenatally diagnosed fetal congenital cystic adenomatoid malformation and bronchopulmonary sequestration. <i>Korean Journal of Obstetrics & Gynecology</i> , 2011, 54, 335.	0.1	0
107	Comparison of neonatal outcomes and intrapartum events in full term vaginal deliveries conducted by staff versus resident physicians. <i>Obstetrics and Gynecology Science</i> , 2013, 56, 362.	1.6	0
108	An extremely rare case of hand prolapse with preterm premature rupture in the membrane of one twin. <i>Obstetrics and Gynecology Science</i> , 2018, 61, 413.	1.6	0

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109	Predictive value of quad serum markers for adverse pregnancy outcome in antiphospholipid antibody syndrome. <i>Lupus</i> , 2021, 30, 981-990.	1.6	0
110	Development of respiratory tract infection could be modified by the interactions between maternal diet during pregnancy and offspring's CD14 (rs#2569190) and VDR (rs#7975232) polymorphisms. <i>FASEB Journal</i> , 2013, 27, 640.23.	0.5	0
111	Wharton's Jelly-Derived Mesenchymal Stem Cells with High Aurora Kinase A Expression Show Improved Proliferation, Migration, and Therapeutic Potential. <i>Stem Cells International</i> , 2022, 2022, 1-15.	2.5	0