

# Cheong-Rae Roh

## List of Publications by Year in descending order

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77  
papers

1,098  
citations

430874

18  
h-index

477307

29  
g-index

79  
all docs

79  
docs citations

79  
times ranked

3669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy-Related Proteins, LC3 and Beclin-1, in Placentas From Pregnancies Complicated by Preeclampsia. <i>Reproductive Sciences</i> , 2008, 15, 912-920.	2.5	146
2	Autophagy Regulates Embryonic Survival During Delayed Implantation. <i>Endocrinology</i> , 2011, 152, 2067-2075.	2.8	83
3	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
4	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
5	Autophagy in the placenta. <i>Obstetrics and Gynecology Science</i> , 2017, 60, 241.	1.6	40
6	Clinical characteristics and outcome of cancer diagnosed during pregnancy. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 1.	1.6	32
7	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
8	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
9	Clinical characteristics and perinatal outcome of fetal hydrops. <i>Obstetrics and Gynecology Science</i> , 2015, 58, 90.	1.6	29
10	Regulation of connexin 43 by nitric oxide in primary uterine myocytes from term pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 434-440.	1.3	28
11	The role of prophylactic cerclage in preventing preterm delivery after electrosurgical conization. <i>Journal of Gynecologic Oncology</i> , 2010, 21, 230.	2.2	26
12	Autophagy Induced by Tumor Necrosis Factor $\alpha$ Mediates Intrinsic Apoptosis in Trophoblastic Cells. <i>Reproductive Sciences</i> , 2014, 21, 612-622.	2.5	26
13	Autophagy regulates trophoblast invasion by targeting NF- $\kappa$ B activity. <i>Scientific Reports</i> , 2020, 10, 14033.	3.3	23
14	A combined ultrasound and clinical scoring model for the prediction of peripartum complications in pregnancies complicated by placenta previa. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 180, 111-115.	1.1	21
15	Prenatal diagnosis of congenital mesoblastic nephroma. <i>Obstetrics and Gynecology Science</i> , 2015, 58, 405.	1.6	21
16	Risk factors differentiating mild/moderate from severe meconium aspiration syndrome in meconium-stained neonates. <i>Obstetrics and Gynecology Science</i> , 2015, 58, 24.	1.6	20
17	Differential Expressions of Fas and Fas Ligand in Human Placenta. <i>Journal of Korean Medical Science</i> , 2002, 17, 213.	2.5	18
18	Reference intervals of thyroid hormones during pregnancy in Korea, an iodine-replete area. <i>Korean Journal of Internal Medicine</i> , 2018, 33, 552-560.	1.7	18

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19	Should the diagnostic criteria for suspected clinical chorioamnionitis be changed?. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 824-833.	1.5	18
20	A case of huge retroperitoneal liposarcoma in pregnancy. Obstetrics and Gynecology Science, 2014, 57, 236.	1.6	17
21	Risk of cesarean section after induced versus spontaneous labor at term gestation. Obstetrics and Gynecology Science, 2015, 58, 346.	1.6	16
22	Perinatal outcome of twin pregnancies according to maternal age. Obstetrics and Gynecology Science, 2019, 62, 93.	1.6	16
23	Isolation of basal membrane proteins from BeWo cells and their expression in placentas from fetal growth-restricted pregnancies. Placenta, 2016, 39, 24-32.	1.5	15
24	Neonatal outcomes of twin pregnancies delivered at late-preterm versus term gestation based on chorionicity and indication for delivery. Journal of Perinatal Medicine, 2016, 44, 903-911.	1.4	15
25	Iodine status in healthy pregnant women in Korea: a first report. European Journal of Nutrition, 2016, 55, 469-475.	3.9	15
26	Amniopatch treatment for preterm premature rupture of membranes before 23 weeks' gestation and factors associated with its success. Taiwanese Journal of Obstetrics and Gynecology, 2017, 56, 599-605.	1.3	15
27	Association Between Prenatal Sonographic Findings of Duodenal Obstruction and Adverse Outcomes. Journal of Ultrasound in Medicine, 2016, 35, 1931-1938.	1.7	13
28	Gestational age at delivery and neonatal outcome in uncomplicated twin pregnancies: what is the optimal gestational age for delivery according to chorionicity?. Obstetrics and Gynecology Science, 2016, 59, 9.	1.6	12
29	Clinical characteristics of pregnancies complicated by congenital myotonic dystrophy. Obstetrics and Gynecology Science, 2017, 60, 323.	1.6	12
30	Indications and characteristics of obstetric patients admitted to the intensive care unit: a 22-year review in a tertiary care center. Obstetrics and Gynecology Science, 2018, 61, 209.	1.6	12
31	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. Obstetrics and Gynecology Science, 2018, 61, 309.	1.6	12
32	Uterine wall thickness at the second trimester can predict subsequent preterm delivery in pregnancies with adenomyosis. Taiwanese Journal of Obstetrics and Gynecology, 2019, 58, 598-603.	1.3	12
33	Differential immunophenotype of macrophages in acute and chronic chorioamnionitis. Journal of Perinatal Medicine, 2017, 45, 483-491.	1.4	11
34	Comparison of antibiotic regimens in preterm premature rupture of membranes: neonatal morbidity and 2-year follow-up of neurologic outcome. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 2212-2218.	1.5	11
35	A two-year experience of non-invasive prenatal testing (NIPT) at an urban tertiary medical center in South Korea. Taiwanese Journal of Obstetrics and Gynecology, 2019, 58, 545-551.	1.3	11
36	Chronic Placental Inflammation in Twin Pregnancies. Journal of Pathology and Translational Medicine, 2015, 49, 489-496.	1.1	11

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Prevalence of associated extracardiac anomalies in prenatally diagnosed congenital heart diseases. <i>PLoS ONE</i> , 2021, 16, e0248894.	2.5	7
45	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
46	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
47	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
48	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
49	Cushing syndrome in pregnancy secondary to adrenal adenoma. <i>Obstetrics and Gynecology Science</i> , 2013, 56, 400.	1.6	6
50	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
51	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
52	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
53	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
54	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

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55	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
56	Effect of hydroxychloroquine and chloroquine on syncytial differentiation and autophagy in primary human trophoblasts. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112916.	5.6	4
57	Complete involution of prenatally-diagnosed fetal scalp hemangioma. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014, 53, 86-89.	1.3	3
58	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
59	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
60	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
61	Association of adherence to guidelines for cervical cerclage with perinatal outcomes and placental inflammation in women with cervical length $\leq 2.0$ cm. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2021, 60, 665-673.	1.3	3
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	Growing Threat of <sc>Extendedâ€Spectrum Î²â€Lactamaseâ€Producing</sc> <i>Enterobacteriaceae</i> Colonization in <sc>Highâ€Risk</sc> Pregnancies: a crossâ€sectional study. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, , .	2.3	1
74	Comparison of prenatally diagnosed fetal congenital cystic adenomatoid malformation and bronchopulmonary sequestration. Korean Journal of Obstetrics & Gynecology, 2011, 54, 335.	0.1	0
75	Comparison of neonatal outcomes and intrapartum events in full term vaginal deliveries conducted by staff versus resident physicians. Obstetrics and Gynecology Science, 2013, 56, 362.	1.6	0
76	An extremely rare case of hand prolapse with preterm premature rupture in the membrane of one twin. Obstetrics and Gynecology Science, 2018, 61, 413.	1.6	0
77	Predictive value of quad serum markers for adverse pregnancy outcome in antiphospholipid antibody syndrome. Lupus, 2021, 30, 981-990.	1.6	0