

# Christina S Han

## List of Publications by Year in descending order

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98  
papers

1,320  
citations

430874

18  
h-index

414414

32  
g-index

102  
all docs

102  
docs citations

102  
times ranked

1412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discussion: “Predicting neonatal acidemia by computer analysis”™ by Costa et al. American Journal of Obstetrics and Gynecology, 2009, 201, e1-e4.	1.3	173
2	Universal cervical length screening to prevent preterm birth: a cost-effectiveness analysis. Ultrasound in Obstetrics and Gynecology, 2011, 38, 32-37.	1.7	136
3	Suture Compared With Staple Skin Closure After Cesarean Delivery. Obstetrics and Gynecology, 2014, 123, 1169-1175.	2.4	113
4	Human Fetal Membranes Generate Distinct Cytokine Profiles in Response to Bacterial Toll-Like Receptor and Nod-Like Receptor Agonists1. Biology of Reproduction, 2014, 90, 39.	2.7	80
5	Interpretation of Amniotic Fluid White Blood Cell Count in “Bloody Tap” Amniocenteses in Women With Symptoms of Preterm Labor. Obstetrics and Gynecology, 2010, 116, 344-354.	2.4	68
6	Modulation of Trophoblast Angiogenic Factor Secretion by Antiphospholipid Antibodies is Not Reversed by Heparin. American Journal of Reproductive Immunology, 2011, 66, 286-296.	1.2	65
7	Glucose and Metformin Modulate Human First Trimester Trophoblast Function: a Model and Potential Therapy for Diabetes-Associated Uteroplacental Insufficiency. American Journal of Reproductive Immunology, 2015, 73, 362-371.	1.2	58
8	Aspirin and Heparin Effect on Basal and Antiphospholipid Antibody Modulation of Trophoblast Function. Obstetrics and Gynecology, 2011, 118, 1021-1028.	2.4	43
9	Health Outcomes for Vaginal Compared With Cesarean Delivery of Appropriately Grown Preterm Neonates. Obstetrics and Gynecology, 2013, 121, 1195-1200.	2.4	38
10	Abruption-Associated Prematurity. Clinics in Perinatology, 2011, 38, 407-421.	2.1	34
11	Cell-free DNA screening in clinical practice: abnormal autosomal aneuploidy and microdeletion results. American Journal of Obstetrics and Gynecology, 2016, 215, 626.e1-626.e10.	1.3	34
12	Excess glucose induce trophoblast inflammation and limit cell migration through <sc>HMGB</sc>1 activation of Toll-Like receptor 4. American Journal of Reproductive Immunology, 2018, 80, e13044.	1.2	31
13	Single- and double-stranded viral RNA generate distinct cytokine and antiviral responses in human fetal membranes. Molecular Human Reproduction, 2014, 20, 701-708.	2.8	27
14	Chorionic villus sampling and risk for hypertensive disorders of pregnancy. American Journal of Obstetrics and Gynecology, 2007, 196, 591.e1-591.e7.	1.3	25
15	Evaluating the cost-effectiveness of prenatal surgery for myelomeningocele: a decision analysis. Ultrasound in Obstetrics and Gynecology, 2012, 40, 158-164.	1.7	23
16	Circulating trophoblast cell clusters for early detection of placenta accreta spectrum disorders. Nature Communications, 2021, 12, 4408.	12.8	23
17	Cord blood erythropoietin and interleukin-6 for prediction of intraventricular hemorrhage in the preterm neonate. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 673-679.	1.5	22
18	Fructose Levels Are Markedly Elevated in Cerebrospinal Fluid Compared to Plasma in Pregnant Women. PLoS ONE, 2015, 10, e0128582.	2.5	22

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19	Amniotic Fluid Angiopoietin-1, Angiopoietin-2, and Soluble Receptor Tunica Interna Endothelial Cell Kinase-2 Levels and Regulation in Normal Pregnancy and Intraamniotic Inflammation-Induced Preterm Birth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3428-3436.	3.6	21
20	Clinical accuracy of abnormal cell-free fetal DNA results for the sex chromosomes. <i>Prenatal Diagnosis</i> , 2017, 37, 1291-1297.	2.3	19
21	Spontaneous Ovarian Hyperstimulation in a Naturally Conceived Pregnancy With Uncontrolled Hypothyroidism. <i>Obstetrics and Gynecology</i> , 2008, 111, 498-501.	2.4	17
22	Antenatal lamivudine to reduce perinatal hepatitis B transmission: a cost-effectiveness analysis. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 207, 231.e1-231.e7.	1.3	17
23	Ultrasound in Early Pregnancy. <i>Obstetrics and Gynecology Clinics of North America</i> , 2019, 46, 783-795.	1.9	17
24	The value of the first trimester ultrasound in the era of cell free DNA screening. <i>Prenatal Diagnosis</i> , 2016, 36, 1192-1198.	2.3	15
25	Placenta Accreta: A Spectrum of Predictable Risk, Diagnosis, and Morbidity. <i>American Journal of Perinatology</i> , 2019, 36, 1031-1038.	1.4	15
26	Pain Associated With Cesarean Delivery Skin Closure. <i>Obstetrics and Gynecology</i> , 2015, 126, 702-707.	2.4	14
27	Pregestational Diabetes With Extreme Insulin Resistance. <i>Obstetrics and Gynecology</i> , 2012, 120, 439-442.	2.4	13
28	Emergency department use among postpartum women with mental health disorders. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , 2021, 3, 100269.	2.6	12
29	Allopurinol inhibits excess glucose-induced trophoblast IL-1 $\beta$ and ROS production. <i>Reproduction</i> , 2020, 159, 73-80.	2.6	12
30	Extracorporeal membrane oxygenation in pregnancy: a bridge to delivery and pulmonary recovery for COVID-19-related severe respiratory failure. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 571-576.e5.	1.3	12
31	Sonographic abnormalities in pregnancies conceived following IVF with and without preimplantation genetic testing for aneuploidy (PGT-A). <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 865-871.	2.5	11
32	Noninvasive prenatal testing: need for informed enthusiasm. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 577-580.	1.3	9
33	Forceps-assisted vaginal delivery: the landscape of obstetrics and gynecology resident training. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3039-3045.	1.5	8
34	Modulation of trophoblast function by concurrent hyperglycemia and antiphospholipid antibodies is in part <sc>TLR</sc>-dependent. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e13045.	1.2	7
35	Clinical guidance and perinatal care in the era of coronavirus disease 2019 (COVID-19). <i>Journal of Perinatal Medicine</i> , 2020, 48, 925-930.	1.4	7
36	Zika Risk and Pregnancy in Clinical Practice. <i>Obstetrics and Gynecology</i> , 2017, 129, 1098-1103.	2.4	6

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37	Diabetes Mellitus in Pregnancy. NeoReviews, 2017, 18, e33-e43.	0.8	6
38	May-Thurner syndrome in pregnancy: a multi-institutional case series and review of the literature. American Journal of Obstetrics & Gynecology MFM, 2020, 2, 100240.	2.6	6
39	High Prevalence of Peripartum Depression Among Physician Mothers: A Cross-Sectional Study. American Journal of Psychiatry, 2019, 176, 763-764.	7.2	4
40	COVID-19 Testing, Personal Protective Equipment, and Staffing Strategies Vary at Obstetrics Centers across the Country. American Journal of Perinatology, 2020, 37, 1482-1484.	1.4	4
41	Community Obstetrical Units Less Likely than Academic Units to Have Universal COVID-19 Testing. American Journal of Perinatology, 2020, 37, 1074-1076.	1.4	4
42	Novel Use of a Social-Media-Based Survey to Detect Regional Differences in Management of Monochorionicâ€“Diamniotic Twins. American Journal of Perinatology, 2020, 37, 890-897.	1.4	4
43	Faculty and applicant perceptions of virtual interviews on subspecialty fellowship match in obstetrics and gynecology. Medical Education Online, 2022, 27, 2068993.	2.6	4
44	20: Assessment of global protein misfolding load by urine â€œCongo Red Dotâ€•test for diagnosis and prediction of outcome in women with preeclampsia (PE). American Journal of Obstetrics and Gynecology, 2009, 201, S12-S13.	1.3	3
45	Gastroschisis and Bladder Herniation. Journal of Ultrasound in Medicine, 2010, 29, 313-316.	1.7	3
46	Fetal Biophysical Profile. , 2018, , 537-540.e1.		3
47	Rates of Cesarean Conversion and Associated Predictors and Outcomes in Planned Vaginal Twin Deliveries. American Journal of Perinatology, 2022, 39, 601-608.	1.4	3
48	Maternal-fetal medicine fellowsâ€™ perception and comfort with obstetrical ultrasound and prenatal diagnosis. American Journal of Obstetrics & Gynecology MFM, 2022, 4, 100601.	2.6	3
49	20: A cost effective analysis of prenatal surgery for myelomeningocele. American Journal of Obstetrics and Gynecology, 2012, 206, S14-S15.	1.3	2
50	Early Postpartum Diabetes Screening for Women With Gestational Diabetes Mellitus. Obstetrics and Gynecology, 2014, 123, 82S.	2.4	2
51	Detection of Y chromosome material in a 46,XX male with SRY translocation: novel application of cell-free fetal DNA testing. Prenatal Diagnosis, 2015, 35, 823-825.	2.3	2
52	769: Clinical accuracy of abnormal cell-free fetal DNA (cfDNA) results for the sex chromosomes. American Journal of Obstetrics and Gynecology, 2016, 214, S402-S403.	1.3	2
53	Preferences and comfort of maternal fetal medicine fellows in the United States with operative vaginal deliveries. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 3238-3243.	1.5	2
54	493: Chorionic villus sampling (CVS) is not associated with hypertensive disorders of pregnancy. American Journal of Obstetrics and Gynecology, 2007, 197, S143.	1.3	1

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55	246: Excess glucose levels limit first trimester trophoblast migration and induce an anti-angiogenic profile. American Journal of Obstetrics and Gynecology, 2012, 206, S121.	1.3	1
56	337: Mode of delivery in the setting of prior shoulder dystocia: a cost-effectiveness analysis. American Journal of Obstetrics and Gynecology, 2013, 208, S150.	1.3	1
57	555: Focal placenta accreta not requiring hysterectomy has alternate risk factors and morbidity. American Journal of Obstetrics and Gynecology, 2014, 210, S273-S274.	1.3	1
58	378: Utility of first trimester ultrasound in the setting of NIPT incorporation into practice: a retrospective pilot review. American Journal of Obstetrics and Gynecology, 2015, 212, S198.	1.3	1
59	618: Clinical accuracy of abnormal autosomal cell-free fetal DNA (cfDNA) screening. American Journal of Obstetrics and Gynecology, 2016, 214, S330.	1.3	1
60	Use of eculizumab in pregnancy-associated atypical hemolytic uremic syndrome. Case Reports in Perinatal Medicine, 2018, 7, .	0.1	1
61	463: Intertwin discrepancy in cerebroplacental ratio and adverse pregnancy outcomes in monochorionic-diamniotic twins. American Journal of Obstetrics and Gynecology, 2018, 218, S279.	1.3	1
62	Sonographic abnormalities in pregnancies conceived following IVF with and without preimplantation genetic testing for aneuploidy. Fertility and Sterility, 2019, 112, e18.	1.0	1
63	Characterizing the Effects of Diabetes and Obesity on Insulin and Leptin Levels amongst Pregnant Women. American Journal of Perinatology, 2020, 37, 1094-1101.	1.4	1
64	Gender representation of speakers at the Society for Maternal-Fetal Medicine postgraduate courses: a 20-year review. American Journal of Obstetrics & Gynecology MFM, 2020, 2, 100131.	2.6	1
65	Complete Molar Pregnancies with a Coexisting Fetus: Pregnancy Outcomes and Review of Literature. AJP Reports, 2022, 12, e96-e107.	0.7	1
66	Inherited and Acquired Thrombophilia in Obstetrics. , 0, , 67-110.		1
67	315: Maternal age does not affect uterine artery doppler velocimetry in normal pregnancies. American Journal of Obstetrics and Gynecology, 2008, 199, S98.	1.3	0
68	Predicting neonatal acidemia by computer analysis: Costa et al. American Journal of Obstetrics and Gynecology, 2009, 201, 543-544.	1.3	0
69	193: Cord blood erythropoietin (EPO) levels are associated with an increased risk of intraventricular hemorrhage in the preterm neonate. American Journal of Obstetrics and Gynecology, 2009, 201, S84.	1.3	0
70	652: Fetal host response to gram negative bacteria involves the novel Toll-like receptor-4 (TLR4) chaperone protein, soluble myeloid differentiation factor (SMD2). American Journal of Obstetrics and Gynecology, 2009, 201, S237.	1.3	0
71	460: Universal cervical length screening to prevent preterm birth: a cost-effectiveness analysis. American Journal of Obstetrics and Gynecology, 2009, 201, S174.	1.3	0
72	504: Significance of early haptoglobin (HP) switching-on, levels and phenotypes in preterm newborns with early onset neonatal sepsis (EONS). American Journal of Obstetrics and Gynecology, 2009, 201, S188-S189.	1.3	0

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73	527: Interleukin-6 trans-signaling molecules soluble GP130 and soluble IL-6 receptor in the amniotic fluid (AF) of women with intra-amniotic inflammation (IAI) and preterm premature rupture of membranes (PPROM). American Journal of Obstetrics and Gynecology, 2009, 201, S196.	1.3	0
74	723: Universal antenatal screening for spinal muscular atrophy (SMA): a cost-utility analysis. American Journal of Obstetrics and Gynecology, 2009, 201, S261.	1.3	0
75	9: Calcifying nanoparticles (NP) as novel etiologic agents of idiopathic preterm birth (iPTB) and preterm premature rupture of the membranes (PPROM). American Journal of Obstetrics and Gynecology, 2011, 204, S7.	1.3	0
76	41: Evidence for involvement of the receptor for advanced glycation end products (RAGE) axis in pathogenesis of fetal intra-uterine growth restriction (IUGR). American Journal of Obstetrics and Gynecology, 2011, 204, S24.	1.3	0
77	76: Intra-amniotic inflammation (IAI) in response to infection with single species versus mixed bacterial flora in women with preterm birth (PTB). American Journal of Obstetrics and Gynecology, 2011, 204, S43.	1.3	0
78	185: Impact of acute and chronic inflammatory events on the matrix metalloproteinase-9 (MMP-9) and tissue inhibitor of MMP (TIMP-1) homeostasis in preterm infants with adverse neonatal outcomes. American Journal of Obstetrics and Gynecology, 2011, 204, S84-S85.	1.3	0
79	625: Systematic evaluation of prototype acute phase reactants [Interleukin-6 (IL-6), C-reactive protein (CRP) and procalcitonin (PCT)] as non-invasive biomarkers of intra-amniotic infection (IAI). American Journal of Obstetrics and Gynecology, 2011, 204, S248.	1.3	0
80	56: Excess glucose up-regulates first trimester trophoblast secretion of pro-inflammatory cytokines and chemokines and reduces anti-inflammatory IL-10 secretion. American Journal of Obstetrics and Gynecology, 2012, 206, S36.	1.3	0
81	474: Potential benefits of vaginal delivery on significant morbidity in preterm AGA infants. American Journal of Obstetrics and Gynecology, 2012, 206, S216-S217.	1.3	0
82	584: Once-daily versus twice-daily antiretroviral dosing in HIV-infected pregnant women. American Journal of Obstetrics and Gynecology, 2012, 206, S265.	1.3	0
83	607: Administration of lamivudine in the third trimester to reduce the risk of perinatal transmission of hepatitis B: a cost-effectiveness analysis. American Journal of Obstetrics and Gynecology, 2012, 206, S273.	1.3	0
84	Suture Compared With Staple Skin Closure After Cesarean Delivery. Obstetrical and Gynecological Survey, 2014, 69, 549-550.	0.4	0
85	780: N-acetylcysteine (NAC) does not reverse pro-inflammatory and anti-angiogenic effects of excess glucose on trophoblasts. American Journal of Obstetrics and Gynecology, 2014, 210, S382.	1.3	0
86	806: Down-regulation of trophoblast VEGF by excess glucose is independent of miR-93. American Journal of Obstetrics and Gynecology, 2014, 210, S393.	1.3	0
87	450: Patient perception of pain and analgesic use in a randomized study of cesarean skin closure. American Journal of Obstetrics and Gynecology, 2014, 210, S226-S227.	1.3	0
88	368: Anti-inflammatory action of metformin in trophoblasts acts in an AMP-activated protein kinase (AMPK)-independent manner. American Journal of Obstetrics and Gynecology, 2014, 210, S187-S188.	1.3	0
89	327: Excess glucose up-regulates trophoblast expression of microRNA (miR)-210, but not miR-146a or miR-155. American Journal of Obstetrics and Gynecology, 2014, 210, S170.	1.3	0
90	234: Incidence of adverse pregnancy outcomes based on mode of conception in monochorionic diamniotic twins. American Journal of Obstetrics and Gynecology, 2018, 218, S152-S153.	1.3	0

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91	Fetal Adrenal Abnormalities. , 2018, , 66-71.e1.		0
92	31: Detecting circulating trophoblasts: novel method of risk stratification for abnormal placentation. American Journal of Obstetrics and Gynecology, 2019, 220, S26.	1.3	0
93	259: Postpartum emergency department usage among women with psychiatric illness. American Journal of Obstetrics and Gynecology, 2019, 220, S187.	1.3	0
94	925: Non-reportable cell-free DNA: patient preferences, utility of repeat draw, and outcomes. American Journal of Obstetrics and Gynecology, 2019, 220, S597.	1.3	0
95	888: Cell-free fetal DNA for aneuploidy screening: How much do patients understand?. American Journal of Obstetrics and Gynecology, 2019, 220, S576-S577.	1.3	0
96	Forceps-Assisted Vaginal Deliveries: What Is the Training Landscape of Current MFM Fellows? [71]. Obstetrics and Gynecology, 2019, 133, 97S-97S.	2.4	0
97	Twin Vaginal Deliveries in Labor Rooms: A Cost-Effectiveness Analysis. American Journal of Perinatology, 2021, , .	1.4	0
98	Preconception Care: In the Continuum of Womenâ€™s Healthcare. , 2017, , 35-52.		0