

Francesca Gotsch

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.

55
papers

5,469
citations

39
h-index

58
g-index

58
ext. papers

6,160
ext. citations

2.8
avg, IF

4.69
L-index

#	Paper	IF	Citations
55	Microbial prevalence, diversity and abundance in amniotic fluid during preterm labor: a molecular and culture-based investigation. <i>PLoS ONE</i> , 2008 , 3, e3056	3.7	543
54	A longitudinal study of angiogenic (placental growth factor) and anti-angiogenic (soluble endoglin and soluble vascular endothelial growth factor receptor-1) factors in normal pregnancy and patients destined to develop preeclampsia and deliver a small for gestational age neonate. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 9-23	2	493
53	The fetal inflammatory response syndrome. <i>Clinical Obstetrics and Gynecology</i> , 2007 , 50, 652-83	1.7	407
52	Prevalence and clinical significance of sterile intra-amniotic inflammation in patients with preterm labor and intact membranes. <i>American Journal of Reproductive Immunology</i> , 2014 , 72, 458-74	3.8	281
51	Inflammation in Pregnancy: Its Roles in Reproductive Physiology, Obstetrical Complications, and Fetal Injury. <i>Nutrition Reviews</i> , 2007 , 65, 194-202	6.4	273
50	The change in concentrations of angiogenic and anti-angiogenic factors in maternal plasma between the first and second trimesters in risk assessment for the subsequent development of preeclampsia and small-for-gestational age. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 279-87	2	221
49	Prevalence and diversity of microbes in the amniotic fluid, the fetal inflammatory response, and pregnancy outcome in women with preterm pre-labor rupture of membranes. <i>American Journal of Reproductive Immunology</i> , 2010 , 64, 38-57	3.8	209
48	A prospective cohort study of the value of maternal plasma concentrations of angiogenic and anti-angiogenic factors in early pregnancy and midtrimester in the identification of patients destined to develop preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009 , 22, 1021-38	2	209
47	Inflammation in pregnancy: its roles in reproductive physiology, obstetrical complications, and fetal injury. <i>Nutrition Reviews</i> , 2007 , 65, S194-202	6.4	190
46	The frequency, clinical significance, and pathological features of chronic chorioamnionitis: a lesion associated with spontaneous preterm birth. <i>Modern Pathology</i> , 2010 , 23, 1000-11	9.8	166
45	Villitis of unknown etiology is associated with a distinct pattern of chemokine up-regulation in the fetomaternal and placental compartments: implications for conjoint maternal allograft rejection and maternal anti-fetal graft-versus-host disease. <i>Journal of Immunology</i> , 2009 , 182, 3919-27	5.3	143
44	Clinical chorioamnionitis at term I: microbiology of the amniotic cavity using cultivation and molecular techniques. <i>Journal of Perinatal Medicine</i> , 2015 , 43, 19-36	2.7	142
43	A novel molecular microbiologic technique for the rapid diagnosis of microbial invasion of the amniotic cavity and intra-amniotic infection in preterm labor with intact membranes. <i>American Journal of Reproductive Immunology</i> , 2014 , 71, 330-58	3.8	137
42	Detection of a microbial biofilm in intraamniotic infection. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 135.e1-5	6.4	130
41	Normal and abnormal transformation of the spiral arteries during pregnancy. <i>Journal of Perinatal Medicine</i> , 2006 , 34, 447-58	2.7	116
40	Sterile intra-amniotic inflammation in asymptomatic patients with a sonographic short cervix: prevalence and clinical significance. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015 , 28, 1343-1359	2.3	114
39	First-trimester maternal serum PP13 in the risk assessment for preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 199, 122.e1-122.e11	6.4	111

38	The maternal plasma soluble vascular endothelial growth factor receptor-1 concentration is elevated in SGA and the magnitude of the increase relates to Doppler abnormalities in the maternal and fetal circulation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 25-40	2	87
37	Evidence of the involvement of caspase-1 under physiologic and pathologic cellular stress during human pregnancy: a link between the inflammasome and parturition. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 605-16	2	87
36	CXCL10/IP-10: a missing link between inflammation and anti-angiogenesis in preeclampsia?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2007 , 20, 777-92	2	85
35	Amniotic fluid heat shock protein 70 concentration in histologic chorioamnionitis, term and preterm parturition. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 449-61	2	80
34	Isobaric labeling and tandem mass spectrometry: a novel approach for profiling and quantifying proteins differentially expressed in amniotic fluid in preterm labor with and without intra-amniotic infection/inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010 , 23, 261-80	2	69
33	Microbial invasion of the amniotic cavity in preeclampsia as assessed by cultivation and sequence-based methods. <i>Journal of Perinatal Medicine</i> , 2010 , 38, 503-13	2.7	59
32	A subset of patients destined to develop spontaneous preterm labor has an abnormal angiogenic/anti-angiogenic profile in maternal plasma: evidence in support of pathophysiologic heterogeneity of preterm labor derived from a longitudinal study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009 , 22, 1122-39	2	59
31	Microbial invasion of the amniotic cavity in pregnancies with small-for-gestational-age fetuses. <i>Journal of Perinatal Medicine</i> , 2010 , 38, 495-502	2.7	58
30	Low maternal concentrations of soluble vascular endothelial growth factor receptor-2 in preeclampsia and small for gestational age. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 41-52	2	57
29	Proteomic profiling of amniotic fluid in preterm labor using two-dimensional liquid separation and mass spectrometry. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 697-713	2	55
28	CXCL6 (granulocyte chemotactic protein-2): a novel chemokine involved in the innate immune response of the amniotic cavity. <i>American Journal of Reproductive Immunology</i> , 2008 , 60, 246-57	3.8	55
27	Maternal serum adiponectin multimers in preeclampsia. <i>Journal of Perinatal Medicine</i> , 2009 , 37, 349-63	2.7	54
26	Severe preeclampsia is characterized by increased placental expression of galectin-1. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 429-42	2	54
25	Soluble receptor for advanced glycation end products (sRAGE) and endogenous secretory RAGE (esRAGE) in amniotic fluid: modulation by infection and inflammation. <i>Journal of Perinatal Medicine</i> , 2008 , 36, 388-98	2.7	49
24	Region-specific gene expression profiling: novel evidence for biological heterogeneity of the human amnion. <i>Biology of Reproduction</i> , 2008 , 79, 954-61	3.9	48
23	Preeclampsia and small-for-gestational age are associated with decreased concentrations of a factor involved in angiogenesis: soluble Tie-2. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 389-402	2	48
22	Chronic chorioamnionitis displays distinct alterations of the amniotic fluid proteome. <i>Journal of Pathology</i> , 2011 , 223, 553-65	9.4	46
21	Twin-to-twin transfusion syndrome: an antiangiogenic state?. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 382.e1-8	6.4	45

20	Retinol binding protein 4--a novel association with early-onset preeclampsia. <i>Journal of Perinatal Medicine</i> , 2010 , 38, 129-39	2.7	44
19	The prognosis of pregnancy conceived despite the presence of an intrauterine device (IUD). <i>Journal of Perinatal Medicine</i> , 2010 , 38, 45-53	2.7	43
18	Pentraxin 3 in amniotic fluid: a novel association with intra-amniotic infection and inflammation. <i>Journal of Perinatal Medicine</i> , 2010 , 38, 161-71	2.7	41
17	The diagnostic performance of the Mass Restricted (MR) score in the identification of microbial invasion of the amniotic cavity or intra-amniotic inflammation is not superior to amniotic fluid interleukin-6. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014 , 27, 757-69	2	40
16	Should bilateral uterine artery notching be used in the risk assessment for preeclampsia, small-for-gestational-age, and gestational hypertension?. <i>Journal of Ultrasound in Medicine</i> , 2010 , 29, 1103-15	2.9	39
15	Leukocytes of pregnant women with small-for-gestational age neonates have a different phenotypic and metabolic activity from those of women with preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010 , 23, 476-87	2	36
14	Adiponectin in amniotic fluid in normal pregnancy, spontaneous labor at term, and preterm labor: a novel association with intra-amniotic infection/inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010 , 23, 120-30	2	31
13	Fragment Bb in amniotic fluid: evidence for complement activation by the alternative pathway in women with intra-amniotic infection/inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009 , 22, 905-16	2	31
12	Could alterations in maternal plasma visfatin concentration participate in the phenotype definition of preeclampsia and SGA?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010 , 23, 857-68	2	29
11	Maternal plasma visfatin in preterm labor. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009 , 22, 693-704	2	28
10	Dysregulation of maternal serum adiponectin in preterm labor. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009 , 22, 887-904	2	27
9	A decrease in maternal plasma concentrations of sVEGFR-2 precedes the clinical diagnosis of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 202, 550.e1-10	6.4	24
8	Maternal serum adiponectin multimers in patients with a small-for-gestational-age newborn. <i>Journal of Perinatal Medicine</i> , 2009 , 37, 623-35	2.7	23
7	Acute pyelonephritis during pregnancy changes the balance of angiogenic and anti-angiogenic factors in maternal plasma. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010 , 23, 167-78	2	21
6	Angiogenesis gene expression in mouse uterus during the common pathway of parturition. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 539.e1-8	6.4	13
5	The etiology of preeclampsia.. <i>American Journal of Obstetrics and Gynecology</i> , 2022 , 226, S844-S866	6.4	9
4	Preeclampsia and eclampsia: the conceptual evolution of a syndrome.. <i>American Journal of Obstetrics and Gynecology</i> , 2022 , 226, S786-S803	6.4	7
3	Intrauterine Infection, Preterm Parturition, and the Fetal Inflammatory Response Syndrome 2011 , 457-468.e6	1	1

2	Fetal sepsis: a cause of stillbirth. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> ,1-5	2	1
1	Characterization of amniotic fluid sludge in preterm and term gestations.. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022 , 1-10	2	0