

# Irina A Buhimschi

## List of Publications by Year in descending order

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209  
papers

7,888  
citations

50276

46  
h-index

66911

78  
g-index

214  
all docs

214  
docs citations

214  
times ranked

7391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Work-Life Balance and Productivity Among Academic Faculty During the COVID-19 Pandemic: A Latent Class Analysis. <i>Journal of Women's Health</i> , 2022, 31, 321-330.	3.3	28
2	Conformation-dependent anti-A $\beta$ monoclonal antibody signatures of disease status and severity in urine of women with preeclampsia. <i>Pregnancy Hypertension</i> , 2022, 28, 51-59.	1.4	4
3	Endocan, a Soluble Marker of Endothelial Cell Activation Is a Molecular Marker of Disease Severity in Women with Preeclampsia. <i>Reproductive Sciences</i> , 2022, , 1.	2.5	4
4	In Reply to PAPP-A Results Cannot Be Used to Accurately Estimate Gestational Age. <i>journal of applied laboratory medicine, The</i> , 2022, 7, 1002-1004.	1.3	1
5	A Novel Role for Plasminogen Activator Inhibitor Type-2 as a Hypochlorite-Resistant Serine Protease Inhibitor and Holdase Chaperone. <i>Cells</i> , 2022, 11, 1152.	4.1	6
6	MiR-29b is associated with perinatal inflammation in extremely preterm infants. <i>Pediatric Research</i> , 2021, 89, 889-893.	2.3	8
7	Connecting the dots on vertical transmission of SARS-CoV-2 using protein-protein interaction network analysis - Potential roles of placental ACE2 and ENDOU. <i>Placenta</i> , 2021, 104, 16-19.	1.5	10
8	Antenatal N-acetylcysteine to improve outcomes of premature infants with intra-amniotic infection and inflammation (Triple I): randomized clinical trial. <i>Pediatric Research</i> , 2021, 89, 175-184.	2.3	14
9	Congo red test for identification of preeclampsia: Results of a prospective diagnostic case-control study in Bangladesh and Mexico. <i>EClinicalMedicine</i> , 2021, 31, 100678.	7.1	12
10	Decidual cell FKBP51 - progesterone receptor binding mediates maternal stress-induced preterm birth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
11	Amniotic Fluid Proteasome and Immunoproteasome in the Setting of Intra-Amniotic Infection, Inflammation, and Preterm Birth. <i>Reproductive Sciences</i> , 2021, 28, 2562-2573.	2.5	0
12	Molecular signatures of labor and non-labor myometrium with parsimonious classification from two calcium transporter genes. <i>JCI Insight</i> , 2021, 6, .	5.0	2
13	Analytical Comparison of Pregnancy-Associated Plasma Protein-A (PAPP-A) Immunoassays for Biochemical Determination of Gestational Age. <i>journal of applied laboratory medicine, The</i> , 2021, 6, 1517-1532.	1.3	4
14	Accuracy of anemia screening by point-of-care hemoglobin testing in patients seeking abortion. <i>Contraception</i> , 2021, , .	1.5	0
15	Who said differentiating preeclampsia from COVID-19 infection was easy?. <i>Pregnancy Hypertension</i> , 2021, 26, 8-10.	1.4	11
16	Population based cohort study of fetal deaths, and neonatal and perinatal mortality at term within a Somali diaspora. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 740.	2.4	2
17	Response to Letter #1 and Response to Letter #2. <i>Pregnancy Hypertension</i> , 2021, 27, 94-95.	1.4	0
18	Controversies in Treatment Practices of the Mother-Infant Dyad at the Limit of Viability. <i>Seminars in Perinatology</i> , 2021, , 151539.	2.5	0

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19	Fetal Myocardial Function as Assessed by N-Terminal Fragment Brain Natriuretic Protein in Premature Fetuses Exposed to Intra-amniotic Inflammation. <i>American Journal of Perinatology</i> , 2020, 37, 745-753.	1.4	2
20	Electrophysiological Maturation of Cerebral Organoids Correlates with Dynamic Morphological and Cellular Development. <i>Stem Cell Reports</i> , 2020, 15, 855-868.	4.8	94
21	Acute Glucose Load, Inflammation, Oxidative Stress, Nonenzymatic Glycation, and Screening for Gestational Diabetes. <i>Reproductive Sciences</i> , 2020, 27, 1587-1594.	2.5	3
22	Prediction of short-term neonatal complications in preterm infants using exome-wide genetic variation and gestational age: a pilot study. <i>Pediatric Research</i> , 2020, 88, 653-660.	2.3	3
23	Prevalence and Neighborhood Geomapping of COVID-19 in an Underserved Chicago Pregnant Population. <i>AJP Reports</i> , 2020, 10, e413-e416.	0.7	7
24	Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. <i>JCI Insight</i> , 2020, 5, .	5.0	24
25	Use of birth weight- vs. ultrasound-derived fetal weight classification methods: implications for detection of abnormal umbilical artery Doppler. <i>Journal of Perinatal Medicine</i> , 2020, 48, 615-624.	1.4	3
26	Changes in Vasodilator-Stimulated Phosphoprotein Phosphorylation, Profilin-1, and Cofilin-1 in Accreta and Protection by DHA. <i>Reproductive Sciences</i> , 2019, 26, 757-765.	2.5	3
27	Unique transcriptomic landscapes identified in idiopathic spontaneous and infection related preterm births compared to normal term births. <i>PLoS ONE</i> , 2019, 14, e0225062.	2.5	26
28	Deciphering General Characteristics of Residues Constituting Allosteric Communication Paths. <i>Lecture Notes in Computer Science</i> , 2019, , 245-258.	1.3	0
29	Proteasome Levels and Activity in Pregnancies Complicated by Severe Preeclampsia and Hemolysis, Elevated Liver Enzymes, and Thrombocytopenia (HELLP) Syndrome. <i>Hypertension</i> , 2019, 73, 1308-1318.	2.7	12
30	Acute Glucose Load, Inflammation, Oxidative Stress, Nonenzymatic Glycation, and Screening for Gestational Diabetes. <i>Reproductive Sciences</i> , 2019, , 193371911983177.	2.5	5
31	Human pregnancy zone protein stabilizes misfolded proteins including preeclampsia- and Alzheimer's-associated amyloid beta peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6101-6110.	7.1	55
32	Congo Red Dot Paper Test for Antenatal Triage and Rapid Identification of Preeclampsia. <i>EClinicalMedicine</i> , 2019, 8, 47-56.	7.1	35
33	Cord Blood Haptoglobin, Cerebral Palsy and Death in Infants of Women at Risk for Preterm Birth: A Secondary Analysis of a Randomised Controlled Trial. <i>EClinicalMedicine</i> , 2019, 9, 11-18.	7.1	4
34	Toll-like receptor 9, maternal cell-free DNA and myometrial cell response to CpG oligodeoxynucleotide stimulation. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13100.	1.2	6
35	Expression, Regulation, and Function of the Calmodulin Accessory Protein PCP4/PEP-19 in Myometrium. <i>Reproductive Sciences</i> , 2019, 26, 1650-1660.	2.5	1
36	Progestins Inhibit Tumor Necrosis Factor $\alpha$ -Induced Matrix Metalloproteinase 9 Activity via the Glucocorticoid Receptor in Primary Amnion Epithelial Cells. <i>Reproductive Sciences</i> , 2019, 26, 1193-1202.	2.5	14

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37	Comparison of Cerebral Palsy Severity Between 2 Eras of Antenatal Magnesium Use. <i>JAMA Pediatrics</i> , 2019, 173, 188.	6.2	7
38	Tenascin-X in amniotic fluid and reproductive tissues of pregnancies complicated by infection and preterm prelabor rupture of membranes. <i>Biology of Reproduction</i> , 2019, 100, 773-782.	2.7	3
39	Extravillous trophoblast invasion in placenta accreta is associated with differential local expression of angiogenic and growth factors: a cross-sectional study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018, 125, 1441-1448.	2.3	36
40	Integrated microRNA and mRNA network analysis of the human myometrial transcriptome in the transition from quiescence to labor. <i>Biology of Reproduction</i> , 2018, 98, 834-845.	2.7	18
41	Preterm Birth and Gestational Length in Four Race/Ethnicity Groups, Including Somali Americans. <i>Obstetrics and Gynecology</i> , 2018, 131, 281-289.	2.4	14
42	Identification of haptoglobin switch-on status in archived placental specimens indicates antenatal exposure to inflammation and potential participation of the fetus in triggering preterm birth. <i>Placenta</i> , 2018, 62, 50-57.	1.5	10
43	Serum and Urine Thioflavin-T Enhanced Fluorescence in Severe Preeclampsia. <i>Hypertension</i> , 2018, 71, 1185-1192.	2.7	21
44	Hepcidin, an Iron Regulatory Hormone of Innate Immunity, is Differentially Expressed in Premature Fetuses with Early-Onset Neonatal Sepsis. <i>American Journal of Perinatology</i> , 2018, 35, 865-872.	1.4	13
45	Components of the antepartum, intrapartum, and postpartum exposome impact on distinct short-term adverse neonatal outcomes of premature infants: A prospective cohort study. <i>PLoS ONE</i> , 2018, 13, e0207298.	2.5	23
46	Dysregulation of Lipid Metabolism in Mkp-1 Deficient Mice during Gram-Negative Sepsis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3904.	4.1	21
47	Human Placenta Expresses $\alpha_2$ -Adrenergic Receptors and May Be Implicated in Pathogenesis of Preeclampsia and Fetal Growth Restriction. <i>American Journal of Pathology</i> , 2018, 188, 2774-2785.	3.8	11
48	Role of Resultant Dipole Moment in Mechanical Dissociation of Biological Complexes. <i>Molecules</i> , 2018, 23, 1995.	3.8	20
49	Skin Microbiota in Obese Women at Risk for Surgical Site Infection After Cesarean Delivery. <i>Scientific Reports</i> , 2018, 8, 8756.	3.3	20
50	Methods to decrease variability in histological scoring in placentas from a cohort of preterm infants. <i>BMJ Open</i> , 2017, 7, e013877.	1.9	4
51	Patterns of Empiric Antibiotic Administration for Presumed Early-Onset Neonatal Sepsis in Neonatal Intensive Care Units in the United States. <i>American Journal of Perinatology</i> , 2017, 34, 640-647.	1.4	30
52	Limiting the Exposure of Select Fetuses to Intrauterine Infection/Inflammation Improves Short-Term Neonatal Outcomes in Preterm Premature Rupture of Membranes. <i>Fetal Diagnosis and Therapy</i> , 2017, 42, 99-110.	1.4	20
53	H19 long noncoding RNA alters trophoblast cell migration and invasion by regulating $\text{TT}^2\text{R}3$ in placentae with fetal growth restriction. <i>Oncotarget</i> , 2016, 7, 38398-38407.	1.8	52
54	Evidence for participation of neutrophil gelatinase-associated lipocalin/matrix metalloproteinase-9 (NGAL-MMP-9) complex in the inflammatory response to infection in pregnancies complicated by preterm birth. <i>American Journal of Reproductive Immunology</i> , 2016, 76, 108-117.	1.2	13

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55	Development and Validation of an Algorithm to Determine Spontaneous versus Provider-Initiated Preterm Birth in Vital Records. <i>Paediatric and Perinatal Epidemiology</i> , 2016, 30, 134-140.	1.7	25
56	Comparing human and macaque placental transcriptomes to disentangle preterm birth pathology from gestational age effects. <i>Placenta</i> , 2016, 41, 74-82.	1.5	19
57	Calcioprotein particles as potential etiologic agents of idiopathic preterm birth. <i>Science Translational Medicine</i> , 2016, 8, 364ra154.	12.4	17
58	Comprehensive RNA profiling of villous trophoblast and decidua basalis in pregnancies complicated by preterm birth following intra-amniotic infection. <i>Placenta</i> , 2016, 44, 23-33.	1.5	47
59	Imbalance of Amniotic Fluid Activin-A and Follistatin in Intraamniotic Infection, Inflammation, and Preterm Birth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2785-2793.	3.6	14
60	High Mobility Group-Box 1 (HMGB1) levels are increased in amniotic fluid of women with intra-amniotic inflammation-determined preterm birth, and the source may be the damaged fetal membranes. <i>Cytokine</i> , 2016, 81, 82-87.	3.2	30
61	182: Signature placental and kidney-specific transcripts in the urinary misfoldome of women with preeclampsia (PE). <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, S113-S114.	1.3	1
62	The Effect of Progestins on Tumor Necrosis Factor $\alpha$ -Induced Matrix Metalloproteinase-9 Activity and Gene Expression in Human Primary Amnion and Chorion Cells In Vitro. <i>Anesthesia and Analgesia</i> , 2015, 120, 1085-1094.	2.2	18
63	Mechanisms of chorioamnionitis-associated preterm birth: interleukin-1 $\beta$ inhibits progesterone receptor expression in decidual cells. <i>Journal of Pathology</i> , 2015, 237, 423-434.	4.5	33
64	Hyperferritinemia and markers of inflammation and oxidative stress in the cord blood of HIV-exposed, uninfected (HEU) infants. <i>HIV Medicine</i> , 2015, 16, 375-380.	2.2	8
65	The invasive phenotype of placenta accreta extravillous trophoblasts associates with loss of E-cadherin. <i>Placenta</i> , 2015, 36, 645-651.	1.5	54
66	Compartmentalization of acute phase reactants Interleukin-6, C-Reactive Protein and Procalcitonin as biomarkers of intra-amniotic infection and chorioamnionitis. <i>Cytokine</i> , 2015, 76, 236-243.	3.2	60
67	Histologic changes of the fetal membranes after fetoscopic laser surgery for twin-twin transfusion syndrome. <i>Pediatric Research</i> , 2015, 78, 247-255.	2.3	40
68	Amniotic Fluid Soluble Myeloid Differentiation-2 (sMD-2) as Regulator of Intra-amniotic Inflammation in Infection-induced Preterm Birth. <i>American Journal of Reproductive Immunology</i> , 2015, 73, 507-521.	1.2	8
69	139: Cord blood (CB) haptoglobin (Hp) switch-on as a biomarker of exposure to intra-uterine inflammation and adverse neonatal and childhood outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S86.	1.3	1
70	48: Shotgun proteomics of the urine misfoldome identifies molecular signatures of preeclampsia subphenotypes. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S34.	1.3	2
71	Response to Letter Regarding Article, "Dysregulation of Hydrogen Sulfide (H <sub>2</sub> S) Producing Enzyme Cystathionine $\beta$ -lyase (CSE) Contributes to Maternal Hypertension and Placental Abnormalities in Preeclampsia." <i>Circulation</i> , 2014, 129, e517-8.	1.6	5
72	An algorithm to screen for preeclampsia using a smart phone. , 2014, , .		4

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73	Protein misfolding, congophilia, oligomerization, and defective amyloid processing in preeclampsia. <i>Science Translational Medicine</i> , 2014, 6, 245ra92.	12.4	181
74	Antenatal Corticosteroids Impact the Inflammatory Rather Than the Antiangiogenic Profile of Women With Preeclampsia. <i>Hypertension</i> , 2014, 63, 1285-1292.	2.7	19
75	654: Endocan (ESM-1): a novel soluble endothelial cell injury marker in preeclampsia (PE) and intrauterine growth restriction (IUGR). <i>American Journal of Obstetrics and Gynecology</i> , 2013, 208, S276.	1.3	6
76	Advances in medical diagnosis of intra-amniotic infection. <i>Expert Opinion on Medical Diagnostics</i> , 2013, 7, 5-16.	1.6	18
77	Glucocorticoids Enhance CD163 Expression in Placental Hofbauer Cells. <i>Endocrinology</i> , 2013, 154, 471-482.	2.8	54
78	Dysregulation of Hydrogen Sulfide Producing Enzyme Cystathionine $\beta$ -lyase Contributes to Maternal Hypertension and Placental Abnormalities in Preeclampsia. <i>Circulation</i> , 2013, 127, 2514-2522.	1.6	224
79	Decreased Levels of Folate Receptor $\beta$ and Reduced Numbers of Fetal Macrophages (Hofbauer Cells) in Placentas from Pregnancies with Severe Preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2013, 70, 104-115.	1.2	47
80	Comparative Microbial Analysis of Paired Amniotic Fluid and Cord Blood from Pregnancies Complicated by Preterm Birth and Early-Onset Neonatal Sepsis. <i>PLoS ONE</i> , 2013, 8, e56131.	2.5	143
81	Comparative Analysis of 2-D Versus 3-D Ultrasound Estimation of the Fetal Adrenal Gland Volume and Prediction of Preterm Birth. <i>American Journal of Perinatology</i> , 2012, 29, 673-680.	1.4	20
82	Proteomics/diagnosis of chorioamnionitis and of relationships with the fetal exposome. <i>Seminars in Fetal and Neonatal Medicine</i> , 2012, 17, 36-45.	2.3	23
83	The elevation in circulating anti-angiogenic factors is independent of markers of neutrophil activation in preeclampsia. <i>Angiogenesis</i> , 2012, 15, 333-340.	7.2	42
84	Modulation of Amniotic Fluid Activin $\beta$ and Inhibin $\beta$ in Women With Preterm Premature Rupture of the Membranes and Infection-Induced Preterm Birth. <i>American Journal of Reproductive Immunology</i> , 2012, 67, 122-131.	1.2	20
85	402: Evidence for defective regulated intramembrane proteolysis of the receptor for advanced glycation end products (RAGE) in fetuses with intra-uterine growth restriction (IUGR). <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, S187-S188.	1.3	1
86	582: Haptoglobin (Hp) switch-on pattern as a biomarker of exposure to intra-amniotic inflammation in twin pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, S265.	1.3	1
87	Using SELDI-TOF Mass Spectrometry on Amniotic Fluid and for Clinical Proteomics and Theranostics in Disorders of Pregnancy. <i>Methods in Molecular Biology</i> , 2012, 818, 171-197.	0.9	12
88	Chorioamnionitis and Its Effects on the Fetus/Neonate. , 2012, , 317-334.		0
89	Cord blood erythropoietin and interleukin-6 for prediction of intraventricular hemorrhage in the preterm neonate. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 673-679.	1.5	22
90	Proteomics Mapping of Cord Blood Identifies Haptoglobin $\beta$ -Switch-On $\beta$ Pattern as Biomarker of Early-Onset Neonatal Sepsis in Preterm Newborns. <i>PLoS ONE</i> , 2011, 6, e26111.	2.5	51

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91	Ultrasound measurement of fetal adrenal gland enlargement: an accurate predictor of preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, 311.e1-311.e10.	1.3	43
92	Accreta complicating complete placenta previa is characterized by reduced systemic levels of vascular endothelial growth factor and by epithelial-to-mesenchymal transition of the invasive trophoblast. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, 411.e1-411.e11.	1.3	91
93	Ultrasonographic Evaluation of Myometrial Thickness and Prediction of a Successful External Cephalic Version. <i>Obstetrics and Gynecology</i> , 2011, 118, 913-920.	2.4	8
94	IL-6<i>Trans</i>-Signaling System in Intra-Amniotic Inflammation, Preterm Birth, and Preterm Premature Rupture of the Membranes. <i>Journal of Immunology</i> , 2011, 186, 3226-3236.	0.8	50
95	ATP-Binding Cassette Transporter Expression in Human Placenta as a Function of Pregnancy Condition. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1000-1007.	3.3	50
96	Heparin Elevates Circulating Soluble fms-Like Tyrosine Kinase-1 Immunoreactivity in Pregnant Women Receiving Anticoagulation Therapy. <i>Circulation</i> , 2011, 124, 2543-2553.	1.6	45
97	Activation of the Receptor for Advanced Glycation End Products System in Women with Severe Preeclampsia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 689-698.	3.6	34
98	Interpretation of Amniotic Fluid White Blood Cell Count in "Bloody Tap" Amniocenteses in Women With Symptoms of Preterm Labor. <i>Obstetrics and Gynecology</i> , 2010, 116, 344-354.	2.4	68
99	Human effector/initiator gene sets that regulate myometrial contractility during term and preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 202, 474.e1-474.e20.	1.3	53
100	Hyaluronidase modifies the biomechanical properties of the rat cervix and shortens the duration of labor independent of myometrial contractility. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 596.e1-596.e5.	1.3	10
101	Long-term progestin contraceptives (LTPOC) induce aberrant angiogenesis, oxidative stress and apoptosis in the guinea pig uterus: A model for abnormal uterine bleeding in humans. <i>Journal of Angiogenesis Research</i> , 2010, 2, 8.	2.9	14
102	The role of urinary soluble endoglin in the diagnosis of pre-eclampsia: comparison with soluble fms-like tyrosine kinase 1 to placental growth factor ratio. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010, 117, 321-330.	2.3	20
103	Novel insights into molecular mechanisms of abruption-induced preterm birth. <i>Expert Reviews in Molecular Medicine</i> , 2010, 12, e35.	3.9	43
104	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
105	The Role of Proteomics in the Diagnosis of Chorioamnionitis and Early-Onset Neonatal Sepsis. <i>Clinics in Perinatology</i> , 2010, 37, 355-374.	2.1	35
106	Myometrial Wound Healing Post-Cesarean Delivery in the MRL/MpJ Mouse Model of Uterine Scarring. <i>American Journal of Pathology</i> , 2010, 177, 197-207.	3.8	64
107	Proteomic-Based Detection of a Protein Cluster Dysregulated during Cardiovascular Development Identifies Biomarkers of Congenital Heart Defects. <i>PLoS ONE</i> , 2009, 4, e4221.	2.5	32
108	Soluble TLR2 Is Present in Human Amniotic Fluid and Modulates the Intraamniotic Inflammatory Response to Infection. <i>Journal of Immunology</i> , 2009, 182, 7244-7253.	0.8	75

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109	Uncultivated Bacteria as Etiologic Agents of Intra-Amniotic Inflammation Leading to Preterm Birth. <i>Journal of Clinical Microbiology</i> , 2009, 47, 38-47.	3.9	290
110	Fetal renal artery impedance as assessed by Doppler ultrasound in pregnancies complicated by intraamniotic inflammation and preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 203.e1-203.e11.	1.3	16
111	Genetic background affects the biomechanical behavior of the postpartum mouse cervix. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 434.e1-434.e7.	1.3	6
112	Fetal inflammatory response in women with proteomic biomarkers characteristic of intraamniotic inflammation and preterm birth. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 257-267.	2.3	81
113	Insight into innate immunity of the uterine cervix as a host defense mechanism against infection and preterm birth. <i>Expert Review of Obstetrics and Gynecology</i> , 2009, 4, 9-15.	0.4	11
114	Characterization of RAGE, HMGB1, and S100 $\beta$ in Inflammation-Induced Preterm Birth and Fetal Tissue Injury. <i>American Journal of Pathology</i> , 2009, 175, 958-975.	3.8	77
115	Using proteomics in perinatal and neonatal sepsis: hopes and challenges for the future. <i>Current Opinion in Infectious Diseases</i> , 2009, 22, 235-243.	3.1	62
116	Relationships of maternal serum levels of vascular endothelial growth factor and tensile strength properties of the cervix in a rat model of chronic hypoxia. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 223.e1-223.e7.	1.3	5
117	Ultrasonographic evaluation of myometrial thickness in twin pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 530.e1-530.e10.	1.3	23
118	Nucleated red blood cells are a direct response to mediators of inflammation in newborns with early-onset neonatal sepsis. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 426.e1-426.e9.	1.3	50
119	Proteomic profiling of urine identifies specific fragments of SERPINA1 and albumin as biomarkers of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 551.e1-551.e16.	1.3	114
120	6: Comprehensive proteomic mapping of cord blood to identify novel biomarkers and functional protein networks characteristic of early onset neonatal sepsis (EONS). <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, S3.	1.3	1
121	475: The interleukin-6 (IL-6) trans-signaling system: Evidence for presence and activation in pregnancies complicated by intra-amniotic infection. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, S141.	1.3	4
122	Placental expression of ceruloplasmin in pregnancies complicated by severe preeclampsia. <i>Laboratory Investigation</i> , 2008, 88, 1057-1067.	3.7	45
123	Proteomics of the Amniotic Fluid in Assessment of the Placenta. <i>Relevance for Preterm Birth. Placenta</i> , 2008, 29, 95-101.	1.5	30
124	Preeclampsia-Related Inflammatory Cytokines Regulate Interleukin-6 Expression in Human Decidual Cells. <i>American Journal of Pathology</i> , 2008, 172, 1571-1579.	3.8	133
125	Fetal Heart Rate Monitoring Patterns in Women with Amniotic Fluid Proteomic Profiles Indicative of Inflammation. <i>American Journal of Perinatology</i> , 2008, 25, 359-372.	1.4	26
126	Single Nucleotide Polymorphisms in the Human Progesterone Receptor Gene and Spontaneous Preterm Birth. <i>Reproductive Sciences</i> , 2008, 15, 147-155.	2.5	22



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127	Multidimensional System Biology: Genetic Markers and Proteomic Biomarkers of Adverse Pregnancy Outcome in Preterm Birth. <i>American Journal of Perinatology</i> , 2008, 25, 175-187.	1.4	32
128	Haplotypes of Tumor Necrosis Factor Gene and Tracheal Aspirate Fluid Levels of Tumor Necrosis Factor- $\alpha$ in Preterm Infants. <i>Pediatric Research</i> , 2008, 64, 165-170.	2.3	9
129	Fractional Excretion of Tumor Necrosis Factor- $\alpha$ in Women With Severe Preeclampsia. <i>Obstetrics and Gynecology</i> , 2008, 112, 93-100.	2.4	44
130	Using Proteomic Analysis of the Human Amniotic Fluid to Identify Histologic Chorioamnionitis. <i>Obstetrics and Gynecology</i> , 2008, 111, 403-412.	2.4	52
131	Ultrasound Evaluation of the Uterine Scar After Cesarean Delivery: A Randomized Controlled Trial of One- and Two-Layer Closure. <i>Obstetrics and Gynecology</i> , 2008, 111, 452.	2.4	0
132	Duration of Intrapartum Prophylaxis and Concentration of Penicillin G in Fetal Serum at Delivery. <i>Obstetrics and Gynecology</i> , 2008, 112, 265-270.	2.4	35
133	Duration of Intrapartum Prophylaxis and Concentration of Penicillin G in Fetal Serum at Delivery. <i>Obstetrical and Gynecological Survey</i> , 2008, 63, 754-755.	0.4	1
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