

Irina A Buhimschi

List of Publications by Year in Descending Order

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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.

197
papers

6,271
citations

40
h-index

69
g-index

214
ext. papers

7,119
ext. citations

4
avg, IF

5.45
L-index

#	Paper	IF	Citations
197	Conformation-dependent anti-Aβ monoclonal antibody signatures of disease status and severity in urine of women with preeclampsia.. <i>Pregnancy Hypertension</i> , 2022 , 28, 51-59	2.6	0
196	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	3	0
195	Letter #1 Response to letter to Editor by Dr. Sarkar et al. for Pwho said differentiating preeclampsia from COVID-19 infection was easy? Refers to PII: S2210-7789(21)00539-0 Letter #2 Response to letter to Editor by Dr. Hantoushzadeh et al. for PIs COVID-19 disease a risk factor for preeclampsia? Should clinicians consider it for prophylaxis for preeclampsia in these patients? DOI: 10.1093/hmg/ddab311	2.6	
194	Controversies in Treatment Practices of the Mother-Infant Dyad at the Limit of Viability. <i>Seminars in Perinatology</i> , 2021 , 151539	3.3	
193	Work-Life Balance and Productivity Among Academic Faculty During the COVID-19 Pandemic: A Latent Class Analysis. <i>Journal of Womens Health</i> , 2021 ,	3	4
192	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	3.2	1
191	Amniotic Fluid Proteasome and Immunoproteasome in the Setting of Intra-Amniotic Infection, Inflammation, and Preterm Birth. <i>Reproductive Sciences</i> , 2021 , 28, 2562-2573	3	
190	Molecular signatures of labor and nonlabor myometrium with parsimonious classification from 2 calcium transporter genes. <i>JCI Insight</i> , 2021 , 6,	9.9	1
189	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		
188	MiR-29b is associated with perinatal inflammation in extremely preterm infants. <i>Pediatric Research</i> , 2021 , 89, 889-893	3.2	4
187	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	3.4	7
186	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	3.2	4
185	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	11.3	2
184	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,	11.5	7
183	Who said differentiating preeclampsia from COVID-19 infection was easy?. <i>Pregnancy Hypertension</i> , 2021 , 26, 8-10	2.6	5
182	Center-Based Experiences Implementing Strategies to Reduce Risk of Horizontal Transmission of SARS-Cov-2: Potential for Compromise of Neonatal Microbiome Assemblage 2021 ,		1
181	Acute Glucose Load, Inflammation, Oxidative Stress, Nonenzymatic Glycation, and Screening for Gestational Diabetes. <i>Reproductive Sciences</i> , 2020 , 27, 1587-1594	3	2

180	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	3.2	2
179	Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. <i>JCI Insight</i> , 2020 , 5,	9.9	16
178	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	2.7	0
177	Prevalence and Neighborhood Geomapping of COVID-19 in an Underserved Chicago Pregnant Population. <i>AJP Reports</i> , 2020 , 10, e413-e416	1.2	3
176	Chorioamnionitis 2020 , 481-492		
175	Electrophysiological Maturation of Cerebral Organoids Correlates with Dynamic Morphological and Cellular Development. <i>Stem Cell Reports</i> , 2020 , 15, 855-868	8	34
174	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	3.3	
173	Deciphering General Characteristics of Residues Constituting Allosteric Communication Paths. <i>Lecture Notes in Computer Science</i> , 2019 , 245-258	0.9	
172	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	8.5	5
171	Acute Glucose Load, Inflammation, Oxidative Stress, Nonenzymatic Glycation, and Screening for Gestational Diabetes. <i>Reproductive Sciences</i> , 2019 , 1933719119831772	3	3
170	Human pregnancy zone protein stabilizes misfolded proteins including preeclampsia- and Alzheimer β -associated amyloid beta peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6101-6110	11.5	32
169	Congo Red Dot Paper Test for Antenatal Triage and Rapid Identification of Preeclampsia. <i>EClinicalMedicine</i> , 2019 , 8, 47-56	11.3	18
168	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	11.3	2
167	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	3.8	4
166	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	3	1
165	Unique transcriptomic landscapes identified in idiopathic spontaneous and infection related preterm births compared to normal term births. <i>PLoS ONE</i> , 2019 , 14, e0225062	3.7	8
164	Expression, Regulation, and Function of the Calmodulin Accessory Protein PCP4/PEP-19 in Myometrium. <i>Reproductive Sciences</i> , 2019 , 26, 1650-1660	3	1
163	Progesterone Inhibits Tumor Necrosis Factor β -Induced Matrix Metalloproteinase 9 Activity via the Glucocorticoid Receptor in Primary Amnion Epithelial Cells. <i>Reproductive Sciences</i> , 2019 , 26, 1193-1202	3	5

162	Comparison of Cerebral Palsy Severity Between 2 Eras of Antenatal Magnesium Use. <i>JAMA Pediatrics</i> , 2019 , 173, 188-190	8.3	3
161	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	3.9	2
160	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	3.7	19
159	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	3.9	14
158	Preterm Birth and Gestational Length in Four Race-Nativity Groups, Including Somali Americans. <i>Obstetrics and Gynecology</i> , 2018 , 131, 281-289	4.9	11
157	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	3.4	4
156	Serum and Urine Thioflavin-T-Enhanced Fluorescence in Severe Preeclampsia. <i>Hypertension</i> , 2018 , 71, 1185-1192	8.5	11
155	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	3.3	10
154	Skin Microbiota in Obese Women at Risk for Surgical Site Infection After Cesarean Delivery. <i>Scientific Reports</i> , 2018 , 8, 8756	4.9	13
153	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	3.7	12
152	Dysregulation of Lipid Metabolism in Mkp-1 Deficient Mice during Gram-Negative Sepsis. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12
151	Human Placenta Expresses β Adrenergic Receptors and May Be Implicated in Pathogenesis of Preeclampsia and Fetal Growth Restriction. <i>American Journal of Pathology</i> , 2018 , 188, 2774-2785	5.8	8
150	Role of Resultant Dipole Moment in Mechanical Dissociation of Biological Complexes. <i>Molecules</i> , 2018 , 23,	4.8	13
149	Methods to decrease variability in histological scoring in placentas from a cohort of preterm infants. <i>BMJ Open</i> , 2017 , 7, e013877	3	4
148	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	3.3	17
147	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	2.4	18
146	Calciprotein particles as potential etiologic agents of idiopathic preterm birth. <i>Science Translational Medicine</i> , 2016 , 8, 364ra154	17.5	16
145	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	3.4	27

144	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, 2785-93	5.6	10
143	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, 82-7	4	19
142	H19 long noncoding RNA alters trophoblast cell migration and invasion by regulating TR3 in placenta with fetal growth restriction. <i>Oncotarget</i> , 2016 , 7, 38398-38407	3.3	40
141	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, 108-17	3.8	13
140	Development and Validation of an Algorithm to Determine Spontaneous versus Provider-Initiated Preterm Birth in US Vital Records. <i>Paediatric and Perinatal Epidemiology</i> , 2016 , 30, 134-40	2.7	17
139	Comparing human and macaque placental transcriptomes to disentangle preterm birth pathology from gestational age effects. <i>Placenta</i> , 2016 , 41, 74-82	3.4	14
138	Histologic changes of the fetal membranes after fetoscopic laser surgery for twin-twin transfusion syndrome. <i>Pediatric Research</i> , 2015 , 78, 247-55	3.2	29
137	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, 507-21	3.8	7
136	48: Shotgun proteomics of the urine misfoldome identifies molecular signatures of preeclampsia subphenotypes. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 212, S34	6.4	2
135	The Effect of Progestins on Tumor Necrosis Factor 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	3.9	15
134	Mechanisms of chorioamnionitis-associated preterm birth: interleukin-1 β inhibits progesterone receptor expression in decidual cells. <i>Journal of Pathology</i> , 2015 , 237, 423-34	9.4	24
133	Hyperferritinemia and markers of inflammation and oxidative stress in the cord blood of HIV-exposed, uninfected (HEU) infants. <i>HIV Medicine</i> , 2015 , 16, 375-80	2.7	6
132	The invasive phenotype of placenta accreta extravillous trophoblasts associates with loss of E-cadherin. <i>Placenta</i> , 2015 , 36, 645-51	3.4	40
131	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	4	41
130	Response to letter regarding article, "dysregulation of hydrogen sulfide (H ₂ S) producing enzyme cystathionine β lyase (CSE) contributes to maternal hypertension and placental abnormalities in preeclampsia". <i>Circulation</i> , 2014 , 129, e517-8	16.7	4
129	An algorithm to screen for preeclampsia using a smart phone 2014 ,		4
128	Protein misfolding, congophilia, oligomerization, and defective amyloid processing in preeclampsia. <i>Science Translational Medicine</i> , 2014 , 6, 245ra92	17.5	122
127	Antenatal corticosteroids impact the inflammatory rather than the antiangiogenic profile of women with preeclampsia. <i>Hypertension</i> , 2014 , 63, 1285-92	8.5	17

126	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	6.4	5
125	Advances in medical diagnosis of intra-amniotic infection. <i>Expert Opinion on Medical Diagnostics</i> , 2013 , 7, 5-16		15
124	Glucocorticoids enhance CD163 expression in placental Hofbauer cells. <i>Endocrinology</i> , 2013 , 154, 471-824.8		43
123	Dysregulation of hydrogen sulfide producing enzyme cystathionine γ -lyase contributes to maternal hypertension and placental abnormalities in preeclampsia. <i>Circulation</i> , 2013 , 127, 2514-22	16.7	195
122	Decreased levels of folate receptor- β and reduced numbers of fetal macrophages (Hofbauer cells) in placentas from pregnancies with severe pre-eclampsia. <i>American Journal of Reproductive Immunology</i> , 2013 , 70, 104-15	3.8	32
121	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	3.7	112
120	Proteomics/diagnosis of chorioamnionitis and of relationships with the fetal exposome. <i>Seminars in Fetal and Neonatal Medicine</i> , 2012 , 17, 36-45	3.7	18
119	The elevation in circulating anti-angiogenic factors is independent of markers of neutrophil activation in preeclampsia. <i>Angiogenesis</i> , 2012 , 15, 333-40	10.6	36
118	Modulation of amniotic fluid activin-a and inhibin-a in women with preterm premature rupture of the membranes and infection-induced preterm birth. <i>American Journal of Reproductive Immunology</i> , 2012 , 67, 122-31	3.8	19
117	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, 673-80	3.3	18
116	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, 171-97	1.4	10
115	Chorioamnionitis and Its Effects on the Fetus/Neonate: Emerging Issues and Controversies 2012 , 317-334		
114	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, 673-9	2	22
113	Proteomics mapping of cord blood identifies haptoglobin "switch-on" pattern as biomarker of early-onset neonatal sepsis in preterm newborns. <i>PLoS ONE</i> , 2011 , 6, e26111	3.7	37
112	Ultrasound measurement of fetal adrenal gland enlargement: an accurate predictor of preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, 311.e1-10	6.4	38
111	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	6.4	63
110	Ultrasonographic evaluation of myometrial thickness and prediction of a successful external cephalic version. <i>Obstetrics and Gynecology</i> , 2011 , 118, 913-20	4.9	6
109	IL-6 trans-signaling system in intra-amniotic inflammation, preterm birth, and preterm premature rupture of the membranes. <i>Journal of Immunology</i> , 2011 , 186, 3226-36	5.3	39

108	ATP-binding cassette transporter expression in human placenta as a function of pregnancy condition. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 1000-7	4	44
107	Heparin elevates circulating soluble fms-like tyrosine kinase-1 immunoreactivity in pregnant women receiving anticoagulation therapy. <i>Circulation</i> , 2011 , 124, 2543-53	16.7	40
106	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, 689-98	5.6	30
105	Novel insights into molecular mechanisms of abruption-induced preterm birth. <i>Expert Reviews in Molecular Medicine</i> , 2010 , 12, e35	6.7	35
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, 3428-36	5.6	20
103	The role of proteomics in the diagnosis of chorioamnionitis and early-onset neonatal sepsis. <i>Clinics in Perinatology</i> , 2010 , 37, 355-74	2.8	31
102	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	5.8	48
101	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	4.9	57
100	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.e1-20	6.4	37
99	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.e1-5	6.4	7
98	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		12
97	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, 321-30	3.7	18
96	Proteomic-based detection of a protein cluster dysregulated during cardiovascular development identifies biomarkers of congenital heart defects. <i>PLoS ONE</i> , 2009 , 4, e4221	3.7	30
95	Soluble TLR2 is present in human amniotic fluid and modulates the intraamniotic inflammatory response to infection. <i>Journal of Immunology</i> , 2009 , 182, 7244-53	5.3	66
94	Uncultivated bacteria as etiologic agents of intra-amniotic inflammation leading to preterm birth. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 38-47	9.7	248
93	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.e1-11	6.4	12
92	Genetic background affects the biomechanical behavior of the postpartum mouse cervix. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 434.e1-7	6.4	6
91	Fetal inflammatory response in women with proteomic biomarkers characteristic of intra-amniotic inflammation and preterm birth. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009 , 116, 257-67	3.7	63

90	Characterization of RAGE, HMGB1, and S100beta in inflammation-induced preterm birth and fetal tissue injury. <i>American Journal of Pathology</i> , 2009 , 175, 958-75	5.8	68
89	Using proteomics in perinatal and neonatal sepsis: hopes and challenges for the future. <i>Current Opinion in Infectious Diseases</i> , 2009 , 22, 235-43	5.4	44
88	Placental expression of ceruloplasmin in pregnancies complicated by severe preeclampsia. <i>Laboratory Investigation</i> , 2008 , 88, 1057-67	5.9	37
87	Proteomics of the amniotic fluid in assessment of the placenta. Relevance for preterm birth. <i>Placenta</i> , 2008 , 29 Suppl A, S95-101	3.4	26
86	Preeclampsia-related inflammatory cytokines regulate interleukin-6 expression in human decidual cells. <i>American Journal of Pathology</i> , 2008 , 172, 1571-9	5.8	114
85	Fetal heart rate monitoring patterns in women with amniotic fluid proteomic profiles indicative of inflammation. <i>American Journal of Perinatology</i> , 2008 , 25, 359-72	3.3	19
84	Single nucleotide polymorphisms in the human progesterone receptor gene and spontaneous preterm birth. <i>Reproductive Sciences</i> , 2008 , 15, 147-55	3	19
83	Multidimensional system biology: genetic markers and proteomic biomarkers of adverse pregnancy outcome in preterm birth. <i>American Journal of Perinatology</i> , 2008 , 25, 175-87	3.3	25
82	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, 165-70	3.2	8
81	Fractional excretion of tumor necrosis factor-alpha in women with severe preeclampsia. <i>Obstetrics and Gynecology</i> , 2008 , 112, 93-100	4.9	40
80	Using proteomic analysis of the human amniotic fluid to identify histologic chorioamnionitis. <i>Obstetrics and Gynecology</i> , 2008 , 111, 403-12	4.9	41
79	Duration of intrapartum prophylaxis and concentration of penicillin G in fetal serum at delivery. <i>Obstetrics and Gynecology</i> , 2008 , 112, 265-70	4.9	27
78	Fetal adrenal gland volume and cortisol/dehydroepiandrosterone sulfate ratio in inflammation-associated preterm birth. <i>Obstetrics and Gynecology</i> , 2008 , 111, 715-22	4.9	29
77	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.e1-7	6.4	4
76	Ultrasonographic evaluation of myometrial thickness in twin pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 530.e1-10	6.4	17
75	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.e1-9	6.4	38
74	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.e1-16	6.4	88
73	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	6.4	2

72	Multidimensional proteomics analysis of amniotic fluid to provide insight into the mechanisms of idiopathic preterm birth. <i>PLoS ONE</i> , 2008 , 3, e2049	3.7	44
71	Contrasting effects of chronic hypoxia and nitric oxide synthase inhibition on circulating angiogenic factors in a rat model of growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 72.e1-6	6.4	30
70	The receptor for advanced glycation end products (RAGE) system in women with intraamniotic infection and inflammation. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 181.e1-13	6.4	59
69	Fetal nucleated red blood cells in a rat model of intrauterine growth restriction induced by hypoxia and nitric oxide synthase inhibition. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 482.e1-8	6.4	15
68	Progesterone inhibits and thrombin stimulates the plasminogen activator/inhibitor system in term decidua stromal cells: implications for parturition. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 382.e1-8	6.4	17
67	Proteomic profiling of the amniotic fluid to detect inflammation, infection, and neonatal sepsis. <i>PLoS Medicine</i> , 2007 , 4, e18	11.6	132
66	Proteomic biomarkers of adverse pregnancy outcome in preterm birth: a theranostics opportunity. <i>Expert Review of Obstetrics and Gynecology</i> , 2007 , 2, 743-753		1
65	Fetal adrenal gland volume: a novel method to identify women at risk for impending preterm birth. <i>Obstetrics and Gynecology</i> , 2007 , 109, 855-62	4.9	30
64	Proteomic biomarkers of intra-amniotic inflammation: relationship with funisitis and early-onset sepsis in the premature neonate. <i>Pediatric Research</i> , 2007 , 61, 318-24	3.2	90
63	Proteomics: a novel methodology to complement prenatal diagnosis of chromosomal abnormalities and inherited human diseases. <i>American Journal of Perinatology</i> , 2007 , 24, 167-81	3.3	10
62	Biomechanical properties of the lower uterine segment above and below the reflection of the urinary bladder flap. <i>Obstetrics and Gynecology</i> , 2007 , 109, 691-700	4.9	5
61	Ultrasound evaluation of the uterine scar after cesarean delivery: a randomized controlled trial of one- and two-layer closure. <i>Obstetrics and Gynecology</i> , 2007 , 110, 808-13	4.9	39
60	Fetal Adrenal Gland Volume: A Novel Method to Identify Women at Risk for Impending Preterm Birth. <i>Obstetrics and Gynecology</i> , 2007 , 110, 187-188	4.9	0
59	Value of placental microbial evaluation in diagnosing intra-amniotic infection. <i>Obstetrics and Gynecology</i> , 2007 , 109, 739-49	4.9	67
58	Impact of gestation and labor on the expression of the polypeptide hormone, stanniocalcin-1, in guinea pig and human myometrium. <i>FASEB Journal</i> , 2007 , 21, A1420	0.9	
57	Placental growth factor in the cerebrospinal fluid of women with preeclampsia. <i>International Journal of Gynecology and Obstetrics</i> , 2006 , 92, 32-7	4	15
56	Clinical proteomics: a novel diagnostic tool for the new biology of preterm labor, part I: proteomics tools. <i>Obstetrical and Gynecological Survey</i> , 2006 , 61, 481-6	2.4	21
55	Fractional excretion of angiogenic factors in women with severe preeclampsia. <i>Obstetrics and Gynecology</i> , 2006 , 107, 1103-13	4.9	35

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