

Catalin S Buhimschi

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.

150
papers

4,965
citations

39
h-index

63
g-index

159
ext. papers

5,636
ext. citations

4.3
avg, IF

5.32
L-index

#	Paper	IF	Citations
150	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
149	Dysregulation of hydrogen sulfide producing enzyme cystathionine β -lyase contributes to maternal hypertension and placental abnormalities in preeclampsia. <i>Circulation</i> , 2013 , 127, 2514-22	16.7	195
148	Proteomic biomarker analysis of amniotic fluid for identification of intra-amniotic inflammation. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005 , 112, 173-81	3.7	153
147	Protective effect of N-acetylcysteine against fetal death and preterm labor induced by maternal inflammation. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 188, 203-8	6.4	146
146	Proteomic profiling of the amniotic fluid to detect inflammation, infection, and neonatal sepsis. <i>PLoS Medicine</i> , 2007 , 4, e18	11.6	132
145	Protein misfolding, congophilia, oligomerization, and defective amyloid processing in preeclampsia. <i>Science Translational Medicine</i> , 2014 , 6, 245ra92	17.5	122
144	Urinary angiogenic factors cluster hypertensive disorders and identify women with severe preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 192, 734-41	6.4	121
143	Electrical activity of the human uterus during pregnancy as recorded from the abdominal surface. <i>Obstetrics and Gynecology</i> , 1997 , 90, 102-11	4.9	119
142	Impact of a comprehensive patient safety strategy on obstetric adverse events. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 492.e1-8	6.4	118
141	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
140	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
139	Reduction-oxidation (redox) state regulation of matrix metalloproteinase activity in human fetal membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 182, 458-64	6.4	96
138	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
137	Uterine activity during pregnancy and labor assessed by simultaneous recordings from the myometrium and abdominal surface in the rat. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 811-22	6.4	83
136	The novel antimicrobial peptide beta3-defensin is produced by the amnion: a possible role of the fetal membranes in innate immunity of the amniotic cavity. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 1678-87	6.4	77
135	Beneficial impact of term labor: nonenzymatic antioxidant reserve in the human fetus. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 189, 181-8	6.4	76
134	Medications in pregnancy and lactation: part 1. Teratology. <i>Obstetrics and Gynecology</i> , 2009 , 113, 166-183	6.9	70

133	Neocolpogenesis with split-thickness skin graft as a surgical treatment of vaginal agenesis: retrospective review of 201 cases. <i>American Journal of Obstetrics and Gynecology</i> , 1996 , 175, 131-8	6.4	69
132	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
131	Proteomic biomarkers that predict the clinical success of rescue cerclage. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 192, 710-8	6.4	68
130	Value of placental microbial evaluation in diagnosing intra-amniotic infection. <i>Obstetrics and Gynecology</i> , 2007 , 109, 739-49	4.9	67
129	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
128	Uterine contractility as assessed by abdominal surface recording of electromyographic activity in rats during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1996 , 174, 744-53	6.4	59
127	Endocrinology of lactation. <i>Obstetrics and Gynecology Clinics of North America</i> , 2004 , 31, 963-79, xii	3.3	58
126	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
125	A Systematic Review of Acquired Uterine Arteriovenous Malformations: Pathophysiology, Diagnosis, and Transcatheter Treatment. <i>AJP Reports</i> , 2016 , 6, e6-e14	1.2	51
124	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
123	Physical and biomechanical characteristics of rat cervical ripening are not consistent with increased collagenase activity. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 1695-704	6.4	46
122	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
121	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
120	Use of McRoberts Position during delivery and increase in pushing efficiency. <i>Lancet, The</i> , 2001 , 358, 470-1	4.0	44
119	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
118	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
117	Using proteomic analysis of the human amniotic fluid to identify histologic chorioamnionitis. <i>Obstetrics and Gynecology</i> , 2008 , 111, 403-12	4.9	41
116	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

115	Fractional excretion of tumor necrosis factor-alpha in women with severe preeclampsia. <i>Obstetrics and Gynecology</i> , 2008 , 112, 93-100	4.9	40
114	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
113	A comprehensive obstetric patient safety program reduces liability claims and payments. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 319-25	6.4	39
112	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
111	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
110	Effects of sublingual nitroglycerin on human uterine contractility during the active phase of labor. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 235-8	6.4	39
109	Rupture of the uterine scar during term labour: contractility or biochemistry?. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005 , 112, 38-42	3.7	39
108	Myometrial thickness during human labor and immediately post partum. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 188, 553-9	6.4	38
107	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
106	Genetic contribution to patent ductus arteriosus in the premature newborn. <i>Pediatrics</i> , 2009 , 123, 669-73	7.4	37
105	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
104	Placental expression of ceruloplasmin in pregnancies complicated by severe preeclampsia. <i>Laboratory Investigation</i> , 2008 , 88, 1057-67	5.9	37
103	Discriminatory proteomic biomarker analysis identifies free hemoglobin in the cerebrospinal fluid of women with severe preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 193, 957-64	6.4	37
102	Proteomic but not enzyme-linked immunosorbent assay technology detects amniotic fluid monomeric calgranulins from their complexed calprotectin form. <i>Vaccine Journal</i> , 2005 , 12, 837-44		37
101	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
100	Stillbirth at term in women of advanced maternal age in the United States: when could the antenatal testing be initiated?. <i>American Journal of Perinatology</i> , 2008 , 25, 301-4	3.3	36
99	Novel insights into molecular mechanisms of abruption-induced preterm birth. <i>Expert Reviews in Molecular Medicine</i> , 2010 , 12, e35	6.7	35
98	Fractional excretion of angiogenic factors in women with severe preeclampsia. <i>Obstetrics and Gynecology</i> , 2006 , 107, 1103-13	4.9	35

97	Pushing in labor: performance and not endurance. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 186, 1339-44	6.4	35
96	The effect of dystocia and previous cesarean uterine scar on the tensile properties of the lower uterine segment. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 194, 873-83	6.4	34
95	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	11.5	32
94	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
93	The effect of fundal pressure manoeuvre on intrauterine pressure in the second stage of labour. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2002 , 109, 520-6	3.7	31
92	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
91	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
90	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
89	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
88	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
87	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
86	Medications in pregnancy and lactation: Part 2. Drugs with minimal or unknown human teratogenic effect. <i>Obstetrics and Gynecology</i> , 2009 , 113, 417-32	4.9	27
85	Sonographic myometrial thickness predicts the latency interval of women with preterm premature rupture of the membranes and oligohydramnios. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 193, 762-70	6.4	26
84	The genetic susceptibility to respiratory distress syndrome. <i>Pediatric Research</i> , 2009 , 66, 693-7	3.2	25
83	Contrasting effects of diethylenetriamine-nitric oxide, a spontaneously releasing nitric oxide donor, on pregnant rat uterine contractility in vitro versus in vivo. <i>American Journal of Obstetrics and Gynecology</i> , 1997 , 177, 690-701	6.4	25
82	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
81	The presence and function of phosphodiesterase type 5 in the rat myometrium. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 190, 268-74	6.4	25
80	Uterine contractility in women whose fetus is delivered in the occipitoposterior position. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 188, 734-9	6.4	25

79	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
78	Distinct regulation of nitric oxide and cyclic guanosine monophosphate production by steroid hormones in the rat uterus. <i>Molecular Human Reproduction</i> , 2000 , 6, 404-14	4.4	24
77	Burkitt's lymphoma of the ovary in pregnancy. <i>Obstetrics and Gynecology</i> , 2006 , 108, 743-5	4.9	23
76	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
75	Proteomics, part II: the emerging role of proteomics over genomics in spontaneous preterm labor/birth. <i>Obstetrical and Gynecological Survey</i> , 2006 , 61, 543-53	2.4	22
74	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
73	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
72	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
71	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
70	Single nucleotide polymorphisms in the human progesterone receptor gene and spontaneous preterm birth. <i>Reproductive Sciences</i> , 2008 , 15, 147-55	3	19
69	Serum and urine inhibin A but not free activin A are endocrine biomarkers of severe pre-eclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 1636-45	6.4	19
68	Congo Red Dot Paper Test for Antenatal Triage and Rapid Identification of Preeclampsia. <i>EClinicalMedicine</i> , 2019 , 8, 47-56	11.3	18
67	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
66	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
65	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
64	THE FORCES OF LABOUR. <i>Fetal and Maternal Medicine Review</i> , 2003 , 14, 273-307		18
63	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
62	Antenatal corticosteroids impact the inflammatory rather than the antiangiogenic profile of women with preeclampsia. <i>Hypertension</i> , 2014 , 63, 1285-92	8.5	17

61	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
60	Calcioprotein particles as potential etiologic agents of idiopathic preterm birth. <i>Science Translational Medicine</i> , 2016 , 8, 364ra154	17.5	16
59	Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. <i>JCI Insight</i> , 2020 , 5,	9.9	16
58	Advances in medical diagnosis of intra-amniotic infection. <i>Expert Opinion on Medical Diagnostics</i> , 2013 , 7, 5-16		15
57	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
56	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
55	Skin Microbiota in Obese Women at Risk for Surgical Site Infection After Cesarean Delivery. <i>Scientific Reports</i> , 2018 , 8, 8756	4.9	13
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, 108-17	3.8	13
53	Advantages of vaginal delivery. <i>Clinical Obstetrics and Gynecology</i> , 2006 , 49, 167-83	1.7	12
52	Effect of stimulatory and inhibitory drugs on uterine electrical activity measured noninvasively from the abdominal surface of pregnant rats. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 183, 68-75	6.4	12
51	The effect of chronic nitric oxide synthase inhibition on blood pressure and heart rate in unrestrained pregnant rats as recorded by radiotelemetry. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 181, 159-64	6.4	12
50	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
49	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
48	Serum and Urine Thioflavin-T-Enhanced Fluorescence in Severe Preeclampsia. <i>Hypertension</i> , 2018 , 71, 1185-1192	8.5	11
47	A low vaginal "pool" amniotic fluid glucose measurement is a predictive but not a sensitive marker for infection in women with preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 194, 309-16	6.4	11
46	Higher dose docosahexaenoic acid supplementation during pregnancy and early preterm birth: A randomised, double-blind, adaptive-design superiority trial. <i>EClinicalMedicine</i> , 2021 , 36, 100905	11.3	11
45	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
44	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

43	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
42	Drug-prescribing challenges during pregnancy. <i>Current Obstetrics & Gynaecology</i> , 2005 , 15, 157-165		9
41	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
40	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
39	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
38	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
37	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
36	Genetics, hormonal influences, and preterm birth. <i>Seminars in Perinatology</i> , 2017 , 41, 401-408	3.3	6
35	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
34	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
33	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
32	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
31	Who said differentiating preeclampsia from COVID-19 infection was easy?. <i>Pregnancy Hypertension</i> , 2021 , 26, 8-10	2.6	5
30	Methods to decrease variability in histological scoring in placentas from a cohort of preterm infants. <i>BMJ Open</i> , 2017 , 7, e013877	3	4
29	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
28	Cost Analysis of Azithromycin versus Erythromycin in Pregnancies Complicated by Preterm Premature Rupture of Membranes. <i>American Journal of Perinatology</i> , 2019 , 36, 105-110	3.3	4
27	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
26	Lactate dehydrogenase isoform activity mapping in patients with intra-amniotic infection. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 1045-52	6.4	4

25	ENDOTOXEMIA CAUSING FETAL BRADYCARDIA DURING UROSEPSIS. <i>Obstetrics and Gynecology</i> , 2001 , 97, 818-820	4.9	4
24	MiR-29b is associated with perinatal inflammation in extremely preterm infants. <i>Pediatric Research</i> , 2021 , 89, 889-893	3.2	4
23	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
22	Acute Glucose Load, Inflammation, Oxidative Stress, Nonenzymatic Glycation, and Screening for Gestational Diabetes. <i>Reproductive Sciences</i> , 2019 , 1933719119831772	3	3
21	Prevalence and Neighborhood Geomapping of COVID-19 in an Underserved Chicago Pregnant Population. <i>AJP Reports</i> , 2020 , 10, e413-e416	1.2	3
20	Intrauterine Pressure Catheter Use Is Associated with an Increased Risk of Postcesarean Surgical Site Infections. <i>American Journal of Perinatology</i> , 2020 , 37, 557-561	3.3	3
19	Comparison of Cerebral Palsy Severity Between 2 Eras of Antenatal Magnesium Use. <i>JAMA Pediatrics</i> , 2019 , 173, 188-190	8.3	3
18	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
17	Acute Glucose Load, Inflammation, Oxidative Stress, Nonenzymatic Glycation, and Screening for Gestational Diabetes. <i>Reproductive Sciences</i> , 2020 , 27, 1587-1594	3	2
16	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
15	Sex-Specific Genetic Susceptibility to Adverse Neurodevelopmental Outcome in Offspring of Pregnancies at Risk of Early Preterm Delivery. <i>American Journal of Perinatology</i> , 2020 , 37, 281-290	3.3	2
14	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
13	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
12	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
11	Molecular signatures of labor and nonlabor myometrium with parsimonious classification from 2 calcium transporter genes. <i>JCI Insight</i> , 2021 , 6,	9.9	1
10	Expression, Regulation, and Function of the Calmodulin Accessory Protein PCP4/PEP-19 in Myometrium. <i>Reproductive Sciences</i> , 2019 , 26, 1650-1660	3	1
9	Medications in Pregnancy and Lactation. <i>Obstetrics and Gynecology</i> , 2009 , 113, 1376	4.9	0
8	Conformation-dependent anti-A β 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

7	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	o
6	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	o
5	Controversies in Treatment Practices of the Mother-Infant Dyad at the Limit of Viability. <i>Seminars in Perinatology</i> , 2021 , 151539	3.3	
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