

# Jimmy Espinoza

## List of Publications by Citations

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336  
papers

14,052  
citations

62  
h-index

108  
g-index

390  
ext. papers

15,803  
ext. citations

3.2  
avg. IF

5.86  
L-index

#	Paper	IF	Citations
336	The preterm parturition syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 113 Suppl 3, 17-42	3.7	842
335	The role of inflammation and infection in preterm birth. <i>Seminars in Reproductive Medicine</i> , <b>2007</b> , 25, 21-39	1.4	590
334	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> , <b>2006</b> , 21, 9-23	2	493
333	Inflammation in preterm and term labour and delivery. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2006</b> , 11, 317-26	3.7	465
332	The fetal inflammatory response syndrome. <i>Clinical Obstetrics and Gynecology</i> , <b>2007</b> , 50, 652-83	1.7	407
331	Distinct subsets of microRNAs are expressed differentially in the human placentas of patients with preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 196, 261.e1-6	6.4	327
330	Evidence supporting a role for blockade of the vascular endothelial growth factor system in the pathophysiology of preeclampsia. Young Investigator Award. <i>American Journal of Obstetrics and Gynecology</i> , <b>2004</b> , 190, 1541-7; discussion 1547-50	6.4	281
329	Plasma soluble vascular endothelial growth factor receptor-1 concentration is elevated prior to the clinical diagnosis of pre-eclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2005</b> , 17, 3-18	2	272
328	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> , <b>2008</b> , 23, 878-87	2	221
327	Toll-like receptor-2 and -4 in the chorioamniotic membranes in spontaneous labor at term and in preterm parturition that are associated with chorioamnionitis. <i>American Journal of Obstetrics and Gynecology</i> , <b>2004</b> , 191, 1346-55	6.4	195
326	Fetoscopic Open Neural Tube Defect Repair: Development and Refinement of a Two-Port, Carbon Dioxide Insufflation Technique. <i>Obstetrics and Gynecology</i> , <b>2017</b> , 129, 734-743	4.9	192
325	Identification of patients at risk for early onset and/or severe preeclampsia with the use of uterine artery Doppler velocimetry and placental growth factor. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 196, 326.e1-13	6.4	182
324	Four-dimensional ultrasonography of the fetal heart with spatiotemporal image correlation. <i>American Journal of Obstetrics and Gynecology</i> , <b>2003</b> , 189, 1792-802	6.4	178
323	Infection and prematurity and the role of preventive strategies. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2002</b> , 7, 259-74		172
322	Can endometrial infection/inflammation explain implantation failure, spontaneous abortion, and preterm birth after in vitro fertilization?. <i>Fertility and Sterility</i> , <b>2004</b> , 82, 799-804	4.8	167
321	Micronutrients and intrauterine infection, preterm birth and the fetal inflammatory response syndrome. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 1668S-1673S	4.1	158
320	The role of cervical cerclage in obstetric practice: can the patient who could benefit from this procedure be identified?. <i>American Journal of Obstetrics and Gynecology</i> , <b>2006</b> , 194, 1-9	6.4	157

319	Cervicovaginal fibronectin improves the prediction of preterm delivery based on sonographic cervical length in patients with preterm uterine contractions and intact membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 192, 350-9	6.4	152
318	The use of high-dimensional biology (genomics, transcriptomics, proteomics, and metabolomics) to understand the preterm parturition syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 113 Suppl 3, 118-35	3.7	145
317	Antimicrobial peptides in amniotic fluid: defensins, calprotectin and bacterial/permeability-increasing protein in patients with microbial invasion of the amniotic cavity, intra-amniotic inflammation, preterm labor and premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2003</b> , 13, 2-21	2	142
316	A sonographic short cervix as the only clinical manifestation of intra-amniotic infection. <i>Journal of Perinatal Medicine</i> , <b>2006</b> , 34, 13-9	2.7	136
315	Normal pregnancy is characterized by systemic activation of the complement system. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2005</b> , 17, 239-45	2	134
314	Detection of a microbial biofilm in intraamniotic infection. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 198, 135.e1-5	6.4	130
313	Involvement of Hofbauer cells and maternal T cells in villitis of unknown aetiology. <i>Histopathology</i> , <b>2008</b> , 52, 457-64	7.3	124
312	Analysis of variance—Principal component analysis: A soft tool for proteomic discovery. <i>Analytica Chimica Acta</i> , <b>2005</b> , 544, 118-127	6.6	120
311	Normal and abnormal transformation of the spiral arteries during pregnancy. <i>Journal of Perinatal Medicine</i> , <b>2006</b> , 34, 447-58	2.7	116
310	First-trimester maternal serum PP13 in the risk assessment for preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 199, 122.e1-122.e11	6.4	111
309	The anti-inflammatory limb of the immune response in preterm labor, intra-amniotic infection/inflammation, and spontaneous parturition at term: a role for interleukin-10. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 529-47	2	110
308	The transcriptome of the fetal inflammatory response syndrome. <i>American Journal of Reproductive Immunology</i> , <b>2010</b> , 63, 73-92	3.8	105
307	A short cervix in women with preterm labor and intact membranes: a risk factor for microbial invasion of the amniotic cavity. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 192, 678-89	6.4	105
306	Neutrophil elastase and secretory leukocyte protease inhibitor in prelabor rupture of membranes, parturition and intra-amniotic infection. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 12, 237-46		101
305	Infection and prematurity and the role of preventive strategies. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2002</b> , 7, 259-274		101
304	Multidisciplinary team learning in the management of the morbidly adherent placenta: outcome improvements over time. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 216, 612.e1-612.e5	6.4	98
303	Clinical significance of the presence of amniotic fluid 'sludge' in asymptomatic patients at high risk for spontaneous preterm delivery. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 706-14	5.8	97
302	Fetal plasma MMP-9 concentrations are elevated in preterm premature rupture of the membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2002</b> , 187, 1125-30	6.4	94

301	Soluble adhesion molecule profile in normal pregnancy and pre-eclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 12, 19-27	2	94
300	Three-dimensional ultrasound fetal lung volume measurement: a systematic study comparing the multiplanar method with the rotational (VOCAL) technique. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2003</b> , 21, 111-8	5.8	93
299	Candidate-gene association study of mothers with pre-eclampsia, and their infants, analyzing 775 SNPs in 190 genes. <i>Human Heredity</i> , <b>2007</b> , 63, 1-16	1.1	90
298	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> , <b>2008</b> , 21, 25-40	2	87
297	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> , <b>2008</b> , 21, 605-16	2	87
296	Examination of the fetal heart by four-dimensional (4D) ultrasound with spatio-temporal image correlation (STIC). <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2006</b> , 27, 336-48	5.8	87
295	CXCL10/IP-10: a missing link between inflammation and anti-angiogenesis in preeclampsia?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2007</b> , 20, 777-92	2	85
294	Evidence supporting that the excess of the sVEGFR-1 concentration in maternal plasma in preeclampsia has a uterine origin. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2005</b> , 18, 9-16	2	85
293	Three- and 4-dimensional ultrasound in obstetric practice: does it help?. <i>Journal of Ultrasound in Medicine</i> , <b>2005</b> , 24, 1599-624	2.9	85
292	The prevalence and clinical significance of amniotic fluid 'sludge' in patients with preterm labor and intact membranes. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2005</b> , 25, 346-52	5.8	83
291	Preconceptional antibiotic treatment to prevent preterm birth in women with a previous preterm delivery. <i>American Journal of Obstetrics and Gynecology</i> , <b>2006</b> , 194, 630-7	6.4	80
290	Recurrent preterm birth. <i>Seminars in Perinatology</i> , <b>2007</b> , 31, 142-58	3.3	79
289	Activation of coagulation system in preterm labor and preterm premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 11, 368-73	2	79
288	Antibiotic administration to patients with preterm premature rupture of membranes does not eradicate intra-amniotic infection. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2007</b> , 20, 167-73	2	77
287	What is amniotic fluid 'sludge'?. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 793-8	5.8	75
286	A role of the anti-angiogenic factor sVEGFR-1 in the 'mirror syndrome' (Ballantyne's syndrome). <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2006</b> , 19, 607-13	2	75
285	Dermatitis as a component of the fetal inflammatory response syndrome is associated with activation of Toll-like receptors in epidermal keratinocytes. <i>Histopathology</i> , <b>2006</b> , 49, 506-14	7.3	74
284	Macrophage migration inhibitory factor in patients with preterm parturition and microbial invasion of the amniotic cavity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2005</b> , 18, 405-16	2	71

283	Three- and four-dimensional reconstruction of the aortic and ductal arches using inversion mode: a new rendering algorithm for visualization of fluid-filled anatomical structures. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2004</b> , 24, 696-8	5.8	70
282	A rapid MMP-8 bedside test for the detection of intra-amniotic inflammation identifies patients at risk for imminent preterm delivery. <i>American Journal of Obstetrics and Gynecology</i> , <b>2006</b> , 195, 1025-30	6.4	69
281	Testing for Zika virus infection in pregnancy: key concepts to deal with an emerging epidemic. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 216, 209-225	6.4	68
280	Fetal cardiac dysfunction in preterm premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2004</b> , 16, 146-157	2	68
279	Human beta-defensin-2: a natural antimicrobial peptide present in amniotic fluid participates in the host response to microbial invasion of the amniotic cavity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2007</b> , 20, 15-22	2	66
278	Four-dimensional ultrasonography of the fetal heart using color Doppler spatiotemporal image correlation. <i>Journal of Ultrasound in Medicine</i> , <b>2004</b> , 23, 473-81	2.9	65
277	A novel method to improve prenatal diagnosis of abnormal systemic venous connections using three- and four-dimensional ultrasonography and 'inversion mode'. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2005</b> , 25, 428-34	5.8	64
276	Plasma adiponectin concentrations in non-pregnant, normal and overweight pregnant women. <i>Journal of Perinatal Medicine</i> , <b>2007</b> , 35, 522-31	2.7	63
275	Differences in the fetal interleukin-6 response to microbial invasion of the amniotic cavity between term and preterm gestation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2003</b> , 13, 32-8	2	63
274	A new approach to fetal echocardiography: digital casts of the fetal cardiac chambers and great vessels for detection of congenital heart disease. <i>Journal of Ultrasound in Medicine</i> , <b>2005</b> , 24, 415-24	2.9	60
273	Resistin: a hormone which induces insulin resistance is increased in normal pregnancy. <i>Journal of Perinatal Medicine</i> , <b>2007</b> , 35, 513-21	2.7	59
272	Idiopathic vaginal bleeding during pregnancy as the only clinical manifestation of intrauterine infection. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2005</b> , 18, 31-7	2	59
271	A novel algorithm for comprehensive fetal echocardiography using 4-dimensional ultrasonography and tomographic imaging. <i>Journal of Ultrasound in Medicine</i> , <b>2006</b> , 25, 947-56	2.9	59
270	Matrix metalloproteinase 3 in parturition, premature rupture of the membranes, and microbial invasion of the amniotic cavity. <i>Journal of Perinatal Medicine</i> , <b>2003</b> , 31, 12-22	2.7	59
269	Visfatin/Pre-B cell colony-enhancing factor in amniotic fluid in normal pregnancy, spontaneous labor at term, preterm labor and prelabor rupture of membranes: an association with subclinical intrauterine infection in preterm parturition. <i>Journal of Perinatal Medicine</i> , <b>2008</b> , 36, 485-96	2.7	58
268	Inversion mode: a new volume analysis tool for 3-dimensional ultrasonography. <i>Journal of Ultrasound in Medicine</i> , <b>2005</b> , 24, 201-7	2.9	58
267	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> , <b>2008</b> , 21, 41-52	2	57
266	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> , <b>2008</b> , 21, 697-713	2	55

265	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> , <b>2008</b> , 60, 246-57	3.8	55
264	Fetal lower urinary tract obstruction: proposal for standardized multidisciplinary prenatal management based on disease severity. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2016</b> , 48, 476-482	5.8	55
263	Severe preeclampsia is characterized by increased placental expression of galectin-1. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 429-42	2	54
262	Evidence of in vivo generation of thrombin in patients with small-for-gestational-age fetuses and pre-eclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 11, 362-7	2	54
261	Adiponectin in severe preeclampsia. <i>Journal of Perinatal Medicine</i> , <b>2007</b> , 35, 503-12	2.7	53
260	Placental villus morphology in relation to maternal hypoxia at high altitude. <i>Placenta</i> , <b>2001</b> , 22, 606-8	3.4	53
259	Fetal cardiac ventricular volume, cardiac output, and ejection fraction determined with 4-dimensional ultrasound using spatiotemporal image correlation and virtual organ computer-aided analysis. <i>American Journal of Obstetrics and Gynecology</i> , <b>2011</b> , 205, 76.e1-10	6.4	52
258	Distribution of CD14+ and CD68+ macrophages in the placental bed and basal plate of women with preeclampsia and preterm labor. <i>Placenta</i> , <b>2007</b> , 28, 571-6	3.4	51
257	The calcium binding protein, S100B, is increased in the amniotic fluid of women with intra-amniotic infection/inflammation and preterm labor with intact or ruptured membranes. <i>Journal of Perinatal Medicine</i> , <b>2007</b> , 35, 385-93	2.7	51
256	Exodus-1 (CCL20): evidence for the participation of this chemokine in spontaneous labor at term, preterm labor, and intrauterine infection. <i>Journal of Perinatal Medicine</i> , <b>2008</b> , 36, 217-27	2.7	50
255	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> , <b>2008</b> , 36, 388-98	2.7	49
254	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> , <b>2008</b> , 21, 389-402	2	48
253	Four-dimensional ultrasonography of the fetal heart using a novel Tomographic Ultrasound Imaging display. <i>Journal of Perinatal Medicine</i> , <b>2006</b> , 34, 39-55	2.7	47
252	Individualized growth assessment of fetal soft tissue using fractional thigh volume. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2004</b> , 24, 766-74	5.8	47
251	Maternal intravascular inflammation in preterm premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 11, 171-5	2	47
250	Proteomic analysis of amniotic fluid to identify women with preterm labor and intra-amniotic inflammation/infection: the use of a novel computational method to analyze mass spectrometric profiling. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 367-88	2	46
249	The use of inversion mode and 3D manual segmentation in volume measurement of fetal fluid-filled structures: comparison with Virtual Organ Computer-aided Analysis (VOCAL). <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2008</b> , 31, 177-86	5.8	46
248	A systematic approach to prenatal diagnosis of transposition of the great arteries using 4-dimensional ultrasonography with spatiotemporal image correlation. <i>Journal of Ultrasound in Medicine</i> , <b>2004</b> , 23, 1225-31	2.9	46

247	Whole-genome microarray and targeted analysis of angiogenesis-regulating gene expression (ENG, FLT1, VEGF, PlGF) in placentas from pre-eclamptic and small-for-gestational-age pregnancies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 267-73	2	45
246	Twin-to-twin transfusion syndrome: an antiangiogenic state?. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 198, 382.e1-8	6.4	45
245	Collaborative study on 4-dimensional echocardiography for the diagnosis of fetal heart defects: the COFEHD study. <i>Journal of Ultrasound in Medicine</i> , <b>2010</b> , 29, 1573-80	2.9	44
244	Unexplained fetal death: another anti-angiogenic state. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2007</b> , 20, 495-507	2	44
243	Maternal and fetal inflammatory responses in unexplained fetal death. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2003</b> , 14, 151-7	2	44
242	Preeclampsia and pregnancies with small-for-gestational age neonates have different profiles of complement split products. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2010</b> , 23, 646-57	2	43
241	Tissue factor and its natural inhibitor in pre-eclampsia and SGA. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 855-69	2	42
240	Outcomes of Planned Compared With Urgent Deliveries Using a Multidisciplinary Team Approach for Morbidly Adherent Placenta. <i>Obstetrics and Gynecology</i> , <b>2018</b> , 131, 234-241	4.9	41
239	MicroRNA expression profiling of the human uterine cervix after term labor and delivery. <i>American Journal of Obstetrics and Gynecology</i> , <b>2010</b> , 202, 80.e1-8	6.4	41
238	A role for CXCL13 (BCA-1) in pregnancy and intra-amniotic infection/inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 763-75	2	41
237	Maternal lymphocyte subpopulations (CD45RA+ and CD45RO+) in preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , <b>2002</b> , 187, 889-93	6.4	41
236	Signature pathways identified from gene expression profiles in the human uterine cervix before and after spontaneous term parturition. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 197, 250.e1-7	6.4	40
235	Proteomic analysis of amniotic fluids using analysis of variance-principal component analysis and fuzzy rule-building expert systems applied to matrix-assisted laser desorption/ionization mass spectrometry. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2006</b> , 82, 283-293	3.8	40
234	The Fetal Arm. <i>Journal of Ultrasound in Medicine</i> , <b>2005</b> , 24, 817-828	2.9	40
233	Defining and predicting 'intrauterine fetal renal failure' in congenital lower urinary tract obstruction. <i>Pediatric Nephrology</i> , <b>2016</b> , 31, 605-12	3.2	39
232	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> , <b>2010</b> , 29, 1103-15	2.9	39
231	Differential expression of microRNAs with progression of gestation and inflammation in the human chorioamniotic membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 197, 289.e1-6	6.4	39
230	A role for mannose-binding lectin, a component of the innate immune system in pre-eclampsia. <i>American Journal of Reproductive Immunology</i> , <b>2008</b> , 60, 333-45	3.8	39

229	What does 2-dimensional imaging add to 3- and 4-dimensional obstetric ultrasonography?. <i>Journal of Ultrasound in Medicine</i> , <b>2006</b> , 25, 691-9	2.9	37
228	The use of the minimum projection mode in 4-dimensional examination of the fetal heart with spatiotemporal image correlation. <i>Journal of Ultrasound in Medicine</i> , <b>2004</b> , 23, 1337-48	2.9	37
227	Feasibility and Outcomes of Fetoscopic Tracheal Occlusion for Severe Left Diaphragmatic Hernia. <i>Obstetrics and Gynecology</i> , <b>2017</b> , 129, 20-29	4.9	36
226	Maternal outcomes in unexpected placenta accreta spectrum disorders: single-center experience with a multidisciplinary team. <i>American Journal of Obstetrics and Gynecology</i> , <b>2019</b> , 221, 337.e1-337.e5	6.4	35
225	Over-expression of the thrombin receptor (PAR-1) in the placenta in preeclampsia: a mechanism for the intersection of coagulation and inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 345-55	2	35
224	Four-dimensional fetal echocardiography with spatiotemporal image correlation (STIC): a systematic study of standard cardiac views assessed by different observers. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2005</b> , 17, 323-31	2	35
223	Subclinical myocardial injury in small-for-gestational-age neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 11, 385-90	2	35
222	High fetal plasma adenosine concentration: a role for the fetus in preeclampsia?. <i>American Journal of Obstetrics and Gynecology</i> , <b>2011</b> , 205, 485.e24-7	6.4	34
221	Angiogenic imbalances: the obstetric perspective. <i>American Journal of Obstetrics and Gynecology</i> , <b>2010</b> , 203, 17.e1-8	6.4	34
220	Placental growth hormone is increased in the maternal and fetal serum of patients with preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2007</b> , 20, 651-9	2	34
219	Fetal cardiac dysfunction in preterm premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2004</b> , 16, 146-57	2	33
218	Anaphylatoxins in preterm and term labor. <i>Journal of Perinatal Medicine</i> , <b>2005</b> , 33, 306-13	2.7	32
217	Applications of 2-dimensional matrix array for 3- and 4-dimensional examination of the fetus: a pictorial essay. <i>Journal of Ultrasound in Medicine</i> , <b>2006</b> , 25, 745-55	2.9	31
216	Three-dimensional color power imaging of the fetal hepatic circulation. <i>American Journal of Obstetrics and Gynecology</i> , <b>2003</b> , 189, 1401-6	6.4	31
215	Maternal serum soluble CD30 is increased in normal pregnancy, but decreased in preeclampsia and small for gestational age pregnancies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2007</b> , 20, 867-78 <sup>2</sup>		30
214	Expression of bone morphogenetic protein 2 in normal spontaneous labor at term, preterm labor, and preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 193, 1137-43	6.4	30
213	Phenotypic characteristics of absent and hypoplastic nasal bones in fetuses with Down syndrome: description by 3-dimensional ultrasonography and clinical significance. <i>Journal of Ultrasound in Medicine</i> , <b>2004</b> , 23, 1619-27	2.9	29
212	Elevated monocyte chemotactic protein-1 in amniotic fluid is a risk factor for pregnancy loss. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 12, 159-64	2	29



211	Management of Labor and Delivery After Fetoscopic Repair of an Open Neural Tube Defect. <i>Obstetrics and Gynecology</i> , <b>2018</b> , 131, 1062-1068	4.9	28
210	Surfactant protein-A mRNA expression by human fetal membranes is increased in histological chorioamnionitis but not in spontaneous labour at term. <i>Journal of Pathology</i> , <b>2007</b> , 211, 489-96	9.4	28
209	The effect of antibiotic therapy on intrauterine infection-induced preterm parturition in rabbits. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2003</b> , 14, 57-64	2	28
208	Maternal plasma osteoprotegerin concentration in normal pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 193, 1011-5	6.4	28
207	High tissue factor activity and low tissue factor pathway inhibitor concentrations in patients with preterm labor. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2010</b> , 23, 23-33	2	27
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203	Maternal obesity and excess of fetal growth in pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2014</b> , 121, 1351-7	3.7	25
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198	An episode of preterm labor is a risk factor for the birth of a small-for-gestational-age neonate. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 196, 574.e1-5; discussion 574.e5-6	6.4	24
197	Trophoblast contact deactivates human neutrophils. <i>Journal of Immunology</i> , <b>2006</b> , 176, 3205-14	5.3	24
196	Unexplained intrauterine fetal death is accompanied by activation of complement. <i>Journal of Perinatal Medicine</i> , <b>2005</b> , 33, 296-305	2.7	24
195	Preeclampsia is associated with low concentrations of protein Z. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2007</b> , 20, 661-7	2	23
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147	Cervical lymphatic malformations: Prenatal characteristics and ex utero intrapartum treatment. <i>Prenatal Diagnosis</i> , <b>2019</b> , 39, 287-292	3.2	11
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125	Obstetric outcomes of ex-utero intrapartum treatment (EXIT). <i>Prenatal Diagnosis</i> , <b>2019</b> , 39, 643-646	3.2	7
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123	Individualized growth assessment of fetal thigh circumference using three-dimensional ultrasonography. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2008</b> , 31, 520-8	5.8	7
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119	Outcome of fetuses with lower urinary tract obstruction and normal amniotic fluid volume in second trimester of pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 54, 500-505	5.8	6
118	The need to redefine preeclampsia. <i>Expert Opinion on Medical Diagnostics</i> , <b>2012</b> , 6, 347-57		6
117	Insights into angiogenic imbalances during pregnancy. <i>Obstetrics and Gynecology</i> , <b>2009</b> , 114, 437-440	4.9	6
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113	Antimicrobial peptides in amniotic fluid: defensins, calprotectin and bacterial/permeability-increasing protein in patients with microbial invasion of the amniotic cavity, intra-amniotic inflammation, preterm labor and premature rupture of membranes		6
112	Successful release of pseudoamniotic bands after laser photocoagulation for twin-twin transfusion syndrome: utility of partial carbon dioxide insufflation of uterus. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 55, 134-135	5.8	6
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110	Fetal MRI and prenatal diagnosis of congenital heart defects. <i>Lancet, The</i> , <b>2019</b> , 393, 1574-1576	4.0	5
109	Prenatal Diagnosis of Renal Vein Thrombosis: A Case Report and Literature Review. <i>Fetal Diagnosis and Therapy</i> , <b>2016</b> , 39, 228-33	2.4	5
108	The effect of gestational age and labor on placental growth hormone in amniotic fluid. <i>Growth Hormone and IGF Research</i> , <b>2008</b> , 18, 174-9	2	5
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105	Evaluation and Disposition of Fetal Myelomeningocele Repair Candidates: A Large Referral Center Experience. <i>Fetal Diagnosis and Therapy</i> , <b>2020</b> , 47, 115-122	2.4	5
104	Outcomes of prenatally diagnosed spontaneous chorioamniotic membrane separation in singleton pregnancies: A systematic review of case series and case reports. <i>Prenatal Diagnosis</i> , <b>2020</b> , 40, 1366-1374	2.2	4

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97	Magnesium sulfate titration reduces maternal complications following fetoscopic closure of spina bifida. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 983-988	3.2	4
96	Association between impedance to blood flow in umbilical arteries and infant survival in twin-to-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 55, 489-495	5.8	4
95	Timing of Prenatal Magnetic Resonance Imaging in the Assessment of Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , <b>2020</b> , 47, 205-213	2.4	4
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83	Fetoscopic laryngotracheoscopy: novel diagnostic modality to avoid unnecessary ex-utero intrapartum treatment (EXIT) in cases with suspected fetal airway compromise. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 53, 421-423	5.8	3
82	Perinatal characteristics and early childhood follow up after ex-utero intrapartum treatment for head and neck teratomas by prenatal diagnosis. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 497-504	3.2	3
81	Successful in utero Percutaneous Fetoscopic Release of a Wrapped Pleuro-Amniotic Shunt around the Fetal Arm: Case Report and Review of the Literature. <i>Fetal Diagnosis and Therapy</i> , <b>2018</b> , 43, 156-160 <sup>2.4</sup>		3
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79	Primary fetal pleural effusion: Characteristics, outcomes, and the role of intervention. <i>Prenatal Diagnosis</i> , <b>2019</b> , 39, 484-488	3.2	2
78	Neurodevelopmental Outcome in Infants with Lower Urinary Tract Obstruction Based on Different Degrees of Severity. <i>Fetal Diagnosis and Therapy</i> , <b>2020</b> , 47, 587-596	2.4	2
77	OC144: Clinical significance of the presence of amniotic fluid fluid in patients with cervical cerclage. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 411-411	5.8	2
76	OP09.09: Volumetric measurements of the cervix by 3D ultrasonography do not improve the prediction of preterm delivery when compared to cervical length measured by 2D ultrasonography. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2006</b> , 28, 473-474	5.8	2
75	Maternal intravascular inflammation in preterm premature rupture of membranes		2
74	Elevated monocyte chemotactic protein-1 in amniotic fluid is a risk factor for pregnancy loss		2
73	Accuracy of Ultrasound to Predict Neonatal Birth Weight Among Fetuses With Gastroschisis: Impact on Timing of Delivery. <i>Journal of Ultrasound in Medicine</i> , <b>2021</b> , 40, 1383-1389	2.9	2
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71	Longitudinal evaluation of motor function in patients who underwent prenatal or postnatal neural tube defect repair. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 58, 221-229	5.8	2
70	Early laser surgery is not associated with very preterm delivery or reduced neonatal survival in TTTS. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 58, 207-213	5.8	2
69	Economic analysis of prenatal fetoscopic vs open-hysterotomy repair of open neural tube defect. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 58, 230-237	5.8	2
68	Transient twin reversed arterial perfusion: a protective effect in twin-to-twin transfusion syndrome?. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2016</b> , 47, 380-1	5.8	2



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65	Prenatal predictors of motor function in children with open spina bifida: a retrospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2021</b> , 128, 384-391	3.7	2
64	Urologic morbidity associated with placenta accreta spectrum surgeries: single-center experience with a multidisciplinary team. <i>American Journal of Obstetrics and Gynecology</i> , <b>2021</b> ,	6.4	2
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62	Effect of terminated fetal circulation on maternal angiogenic factors in severe early preeclampsia. <i>Hypertension in Pregnancy</i> , <b>2013</b> , 32, 94-5	2	1
61	OC004: Fetal cardiac output determination by four-dimensional fetal echocardiography using spatiotemporal image correlation (STIC) and VOCAL. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2008</b> , 32, 244-244	5.8	1
60	OC34: Lung volume measurements by 3D ultrasound are not superior to biometry by 2D ultrasound to predict pulmonary hypoplasia in fetuses with musculoskeletal disorders. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2006</b> , 28, 368-369	5.8	1
59	OC5.05: Changes in fetal cardiac geometry with gestation: implications for three-dimensional fetal echocardiography. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2005</b> , 26, 316-317	5.8	1
58	The fetal inflammatory response syndrome <b>2006</b> , 149-172		1
57	Prenatal counseling for myelomeningocele in the era of fetal surgery: a shared decision-making approach. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2020</b> , 1-8	2.1	1
56	Clinical Outcomes of a False-Positive Antenatal Diagnosis of Placenta Accreta Spectrum. <i>American Journal of Perinatology</i> , <b>2021</b> ,	3.3	1
55	Unexplained fetal death is associated with changes in the adaptive limb of the maternal immune response consistent with prior antigenic exposure		1
54	Fetal-Maternal Conflicts and Adverse Outcomes in Human Pregnancies <b>2016</b> , 19-32		1
53	Monochorionic monoamniotic twin-twin transfusion syndrome treated with laser ablation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2020</b> , 246, 193-194	2.4	1
52	Prediction of post-laser fetal death in selective growth restriction complicating twin-twin transfusion syndrome using standardized definitions. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 58, 738-743	5.8	1
51	Maternal low body mass index is a risk factor for fetal ductal constriction following indomethacin use among women undergoing fetal repair of spina bifida. <i>Prenatal Diagnosis</i> , <b>2020</b> , 40, 669-673	3.2	1
50	Repair of a large uterine dehiscence during the second trimester leading to successful prolongation of the pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , <b>2020</b> , 223, 929-932	6.4	1

49	Enhanced Recovery after Surgery: Benefits for the Fetal Surgery Patient. <i>Fetal Diagnosis and Therapy</i> , <b>2021</b> , 48, 392-399	2.4	1
48	Maternal serum alpha-fetoprotein level and the relationship to ventriculomegaly in fetal neural tube defect: A retrospective cohort study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2021</b> , 259, 185-190	2.4	1
47	Perinatal risk factors of neurodevelopmental impairment after fetoscopic laser photocoagulation for twin-twin transfusion syndrome: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 58, 658-668	5.8	1
46	Is ventriculomegaly and hindbrain herniation seen before and after prenatal neural tube defect repair associated with a worse functional level than anatomical level at birth?. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 972-982	3.2	1
45	Postoperative imaging following fetal open myelomeningocele repair: The clinical utility of magnetic resonance imaging and sonographic amniotic fluid volumes in detecting suspected hysterotomy scar dehiscence. <i>Prenatal Diagnosis</i> , <b>2020</b> , 40, 66-70	3.2	1
44	Twin twin transfusion syndrome with and without selective fetal growth restriction: Predictors of donor demise. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 1524-1530	3.2	1
43	Massive Extra-Abdominal Umbilical Vein Varix: A Case Report. <i>Fetal Diagnosis and Therapy</i> , <b>2021</b> , 48, 158-162	2.4	1
42	Evidence of in vivo generation of thrombin in patients with small-for-gestational-age fetuses and pre-eclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2002</b> , 11, 362-367	2	1
41	Outcomes of laparoscopy-assisted fetoscopic laser photocoagulation for twin-twin transfusion syndrome: An established alternative for inaccessible anterior placenta. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 1582-1588	3.2	0
40	A family affair-Severe fetal and neonatal hemolytic anemia due to novel alpha-spectrin mutations in two siblings. <i>American Journal of Medical Genetics, Part A</i> , <b>2020</b> , 182, 561-564	2.5	0
39	EXIT (Intrapartum Treatment) to Airway Procedure for Twin Fetuses With Oropharyngeal Teratomas: Lessons Learned. <i>Frontiers in Surgery</i> , <b>2020</b> , 7, 598121	2.3	0
38	Perinatal outcome of twin-to-twin transfusion syndrome complicated with incidental septostomy after laser photocoagulation: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 1568-1574	3.2	0
37	Cost-effective fetal lung volumetry for assessment of congenital diaphragmatic hernia. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2021</b> , 260, 22-28	2.4	0
36	Fetal endoscopic tracheal occlusion and pulmonary hypertension in moderate congenital diaphragmatic hernia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2021</b> , 1-6	2	0
35	Intertwin differences in umbilical artery pulsatility index are associated with infant survival in twin-to-twin transfusion syndrome. <i>Journal of Perinatal Medicine</i> , <b>2021</b> , 49, 1122-1128	2.7	0
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33	Novel scoring system for determining fetal candidacy for prenatal intervention for severe congenital lower urinary tract obstruction. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2021</b> , 262, 118-123	2.4	0
32	Low-Dose Aspirin for the Prevention of Preeclampsia. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 1153-1155	27.4	0

31	Characterization of amniotic fluid sludge in preterm and term gestations.. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2022</b> , 1-10	2	0
30	Authors' reply. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2015</b> , 122, 593-4	3.7	
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28	Two- and Four-dimensional Ultrasonography of an Interatrial Stent in a Fetus With Hypoplastic Left Heart Syndrome. <i>Journal of Ultrasound in Medicine</i> , <b>2019</b> , 38, 549-551	2.9	
27	Maternal Obesity and Excess of Fetal Growth in Preeclampsia. <i>Obstetric Anesthesia Digest</i> , <b>2015</b> , 35, 193-194	1.9	
26	THE ROLE OF SPATIO-TEMPORAL IMAGING CORRELATION (STIC) IN THE PRENATAL DIAGNOSIS OF CONGENITAL HEART DEFECTS. <i>Fetal and Maternal Medicine Review</i> , <b>2014</b> , 25, 59-72		
25	ANGIOGENIC IMBALANCES IN THE PATHOGENESIS OF PREGNANCY COMPLICATIONS. <i>Fetal and Maternal Medicine Review</i> , <b>2014</b> , 25, 42-58		
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23	OP08.05: Prospective validation of fractional arm volume for fetal weight estimation. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 479-480	5.8	
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21	OP04.08: Fetal gender assignment using 3DUS and MRI of internal pelvic anatomy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2008</b> , 32, 323-323	5.8	
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18	P223: Prenatal assessment of anomalies of the fetal hepatic circulation with three-dimensional color power imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2003</b> , 22, 130-131	5.8	
17	OC20.06: Epidemiologic and statistical pitfalls in prediction models for fetal weight estimation. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2005</b> , 26, 342-343	5.8	
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