

Rodrigo Ruano

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224
papers

4,382
citations

36
h-index

54
g-index

258
ext. papers

5,307
ext. citations

3.3
avg, IF

5.49
L-index

#	Paper	IF	Citations
224	Fetoscopic Open Neural Tube Defect Repair: Development and Refinement of a Two-Port, Carbon Dioxide Insufflation Technique. <i>Obstetrics and Gynecology</i> , 2017 , 129, 734-743	4.9	192
223	A randomized controlled trial of fetal endoscopic tracheal occlusion versus postnatal management of severe isolated congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 39, 20-7	5.8	167
222	Thoracoamniotic shunting for fetal pleural effusions with hydrops. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 2047-50	6.4	111
221	Three-dimensional ultrasonographic assessment of fetal lung volume as prognostic factor in isolated congenital diaphragmatic hernia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004 , 111, 423-9	3.7	100
220	Fetal intervention for severe lower urinary tract obstruction: a multicenter case-control study comparing fetal cystoscopy with vesicoamniotic shunting. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 452-8	5.8	93
219	SARS-CoV-2 Infection and COVID-19 During Pregnancy: A Multidisciplinary Review. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1750-1765	6.4	92
218	Prognostic factors associated with congenital cystic adenomatoid malformation of the lung. <i>Prenatal Diagnosis</i> , 2000 , 20, 459-64	3.2	92
217	Quantitative analysis of fetal pulmonary vasculature by 3-dimensional power Doppler ultrasonography in isolated congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 1720-8	6.4	84
216	Accuracy of fetal lung volume assessed by three-dimensional sonography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005 , 26, 725-30	5.8	83
215	Prediction and probability of neonatal outcome in isolated congenital diaphragmatic hernia using multiple ultrasound parameters. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 39, 42-9	5.8	81
214	Fetal lung volume and quantification of liver herniation by magnetic resonance imaging in isolated congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 662-9	5.8	78
213	Fetal lung volume estimated by 3-dimensional ultrasonography and magnetic resonance imaging in cases with isolated congenital diaphragmatic hernia. <i>Journal of Ultrasound in Medicine</i> , 2004 , 23, 353-8	2.9	69
212	Quantitative analysis of placental vasculature by three-dimensional power Doppler ultrasonography in normal pregnancies from 12 to 40 weeks of gestation. <i>Placenta</i> , 2009 , 30, 142-8	3.4	68
211	Fetal surgery for severe lower urinary tract obstruction. <i>Prenatal Diagnosis</i> , 2011 , 31, 667-74	3.2	65
210	Effectiveness of fetal cystoscopy as a diagnostic and therapeutic intervention for lower urinary tract obstruction: a systematic review. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 629-37	5.8	59
209	Fetoscopic laser ablation of placental anastomoses in twin-twin transfusion syndrome using 'Solomon technique'. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 434-9	5.8	57
208	Can three-dimensional ultrasound be used for the assessment of the fetal lung volume in cases of congenital diaphragmatic hernia?. <i>Fetal Diagnosis and Therapy</i> , 2004 , 19, 87-91	2.4	57

207	Fetal cystoscopy for severe lower urinary tract obstruction--initial experience of a single center. <i>Prenatal Diagnosis</i> , 2010 , 30, 30-9	3.2	56
206	Comparison of fetal lung area to head circumference ratio with lung volume in the prediction of postnatal outcome in diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 850-4	5.8	55
205	Fetal lower urinary tract obstruction: proposal for standardized multidisciplinary prenatal management based on disease severity. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 476-482	5.8	55
204	Prenatal MRI fetal lung volumes and percent liver herniation predict pulmonary morbidity in congenital diaphragmatic hernia (CDH). <i>Journal of Pediatric Surgery</i> , 2014 , 49, 688-93	2.6	54
203	Effectiveness of vesicoamniotic shunt in fetuses with congenital lower urinary tract obstruction: an updated systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 696-703	5.8	52
202	Immune checkpoint molecules soluble program death ligand 1 and galectin-9 are increased in pregnancy. <i>American Journal of Reproductive Immunology</i> , 2018 , 79, e12795	3.8	52
201	Comparison between fetal endoscopic tracheal occlusion using a 1.0-mm fetoscope and prenatal expectant management in severe congenital diaphragmatic hernia. <i>Fetal Diagnosis and Therapy</i> , 2011 , 29, 64-70	2.4	51
200	A nomogram of fetal lung volumes estimated by 3-dimensional ultrasonography using the rotational technique (virtual organ computer-aided analysis). <i>Journal of Ultrasound in Medicine</i> , 2006 , 25, 701-9	2.9	46
199	Prenatal diagnosis of pulmonary sequestration using three-dimensional power Doppler ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005 , 25, 128-33	5.8	45
198	Fetoscopic Repair of Meningomyelocele. <i>Obstetrics and Gynecology</i> , 2015 , 126, 881-884	4.9	44
197	Prevention of preeclampsia with low-dose aspirin -- a systematic review and meta-analysis of the main randomized controlled trials. <i>Clinics</i> , 2005 , 60, 407-14	2.3	44
196	Risk-stratification of severity for infants with CDH: Prenatal versus postnatal predictors of outcome. <i>Journal of Pediatric Surgery</i> , 2016 , 51, 44-8	2.6	43
195	Defining "liver-up": does the volume of liver herniation predict outcome for fetuses with isolated left-sided congenital diaphragmatic hernia?. <i>Journal of Pediatric Surgery</i> , 2012 , 47, 1058-62	2.6	43
194	Early fetal cystoscopy for first-trimester severe megacystis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 696-701	5.8	42
193	Placental volumes measured by 3-dimensional ultrasonography in normal pregnancies from 12 to 40 weeks' gestation. <i>Journal of Ultrasound in Medicine</i> , 2008 , 27, 1583-90	2.9	42
192	Defining and predicting 'intrauterine fetal renal failure' in congenital lower urinary tract obstruction. <i>Pediatric Nephrology</i> , 2016 , 31, 605-12	3.2	39
191	Early fetoscopic tracheal occlusion for extremely severe pulmonary hypoplasia in isolated congenital diaphragmatic hernia: preliminary results. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 70-6	5.8	39
190	Melatonin modulates autophagy and inflammation protecting human placental trophoblast from hypoxia/reoxygenation. <i>Journal of Pineal Research</i> , 2018 , 65, e12520	10.4	38

189	SARS-CoV-2 in Pregnancy: A Comprehensive Summary of Current Guidelines. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	37
188	Feasibility and Outcomes of Fetoscopic Tracheal Occlusion for Severe Left Diaphragmatic Hernia. <i>Obstetrics and Gynecology</i> , 2017 , 129, 20-29	4.9	36
187	Fetal MRI lung volumes are predictive of perinatal outcomes in fetuses with congenital lung masses. <i>Journal of Pediatric Surgery</i> , 2014 , 49, 853-8; discussion 858	2.6	36
186	Urological fistulas after fetal cystoscopic laser ablation of posterior urethral valves: surgical technical aspects. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 183-9	5.8	36
185	Percutaneous laser ablation under ultrasound guidance for fetal hyperechogenic microcystic lung lesions with hydrops: a single center cohort and a literature review. <i>Prenatal Diagnosis</i> , 2012 , 32, 1127-32	3.2	36
184	Single-Access Fetal Endoscopy (SAFE) for myelomeningocele in sheep model I: amniotic carbon dioxide gas approach. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013 , 27, 3835-40	5.2	35
183	Predicting perinatal outcome in isolated congenital diaphragmatic hernia using fetal pulmonary artery diameters. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 606-11	2.6	35
182	Lower urinary tract obstruction: fetal intervention based on prenatal staging. <i>Pediatric Nephrology</i> , 2017 , 32, 1871-1878	3.2	33
181	Predicting neonatal deaths and pulmonary hypoplasia in isolated congenital diaphragmatic hernia using the sonographic fetal lung volume-body weight ratio. <i>American Journal of Roentgenology</i> , 2008 , 190, 1216-9	5.4	33
180	Two-year outcomes after diagnostic and therapeutic fetal cystoscopy for lower urinary tract obstruction. <i>Prenatal Diagnosis</i> , 2016 , 36, 297-303	3.2	32
179	Early Psychological Impact of the COVID-19 Pandemic in Brazil: A National Survey. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	31
178	Prenatally diagnosed neck masses: long-term outcomes and quality of life. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 1210-3	2.6	30
177	Fetal pulmonary response after fetoscopic tracheal occlusion for severe isolated congenital diaphragmatic hernia. <i>Obstetrics and Gynecology</i> , 2012 , 119, 93-101	4.9	30
176	Pilot study of chronic maternal hyperoxygenation and effect on aortic and mitral valve annular dimensions in fetuses with left heart hypoplasia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 365-72	5.8	30
175	Subsequent pregnancy outcomes after open maternal-fetal surgery for myelomeningocele. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 220, 494.e1-494.e7	6.4	29
174	The presence of a hernia sac in congenital diaphragmatic hernia is associated with better fetal lung growth and outcomes. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 1165-71	2.6	27
173	Prenatal diagnosis and natural history of fetuses presenting with pleural effusion. <i>Prenatal Diagnosis</i> , 2011 , 31, 496-9	3.2	27
172	Capillary-like network formation by human amniotic fluid-derived stem cells within fibrin/poly(ethylene glycol) hydrogels. <i>Tissue Engineering - Part A</i> , 2015 , 21, 1185-94	3.9	26

171	Are all pulmonary hypoplasias the same? A comparison of pulmonary outcomes in neonates with congenital diaphragmatic hernia, omphalocele and congenital lung malformation. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 55-9	2.6	26
170	Perinatal outcome after fetoscopic release of amniotic bands: a single-center experience and review of the literature. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 449-55	5.8	26
169	Second- and third-trimester therapeutic terminations of pregnancy in cases with complete placenta previa--does feticide decrease postdelivery maternal hemorrhage?. <i>Fetal Diagnosis and Therapy</i> , 2004 , 19, 475-8	2.4	25
168	Report on The Society for Fetal Urology panel discussion on the selection criteria and intervention for fetal bladder outlet obstruction. <i>Journal of Pediatric Urology</i> , 2017 , 13, 345-351	1.5	24
167	In situ vascularization of injectable fibrin/poly(ethylene glycol) hydrogels by human amniotic fluid-derived stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 2645-53	5.4	23
166	Percutaneous intrauterine laser ablation of the abnormal vessel in pulmonary sequestration with hydrops at 29 weeks' gestation. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 1235-41	2.9	23
165	Volume contrast imaging: A new approach to identify fetal thoracic structures. <i>Journal of Ultrasound in Medicine</i> , 2004 , 23, 403-8	2.9	23
164	Outcomes of fetuses with lower urinary tract obstruction treated with vesicoamniotic shunt: a single-institution experience. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 956-62	2.6	22
163	Fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia: indications, outcomes, and future directions. <i>Obstetrical and Gynecological Survey</i> , 2014 , 69, 147-58	2.4	22
162	Pulmonary artery diameters in healthy fetuses from 19 to 40 weeks' gestation. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 309-16	2.9	22
161	Predicting pulmonary hypoplasia using the sonographic fetal lung volume to body weight ratio--how precise and accurate is it?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 28, 958-62	5.8	22
160	Percutaneous laser ablation of sacrococcygeal teratoma in a hydropic fetus with severe heart failure--too late for a surgical procedure?. <i>Fetal Diagnosis and Therapy</i> , 2009 , 25, 26-30	2.4	21
159	Perinatal three-dimensional color power Doppler ultrasonography of vein of Galen aneurysms. <i>Journal of Ultrasound in Medicine</i> , 2003 , 22, 1357-62	2.9	21
158	Outcome and Treatment of Antenatally Diagnosed Nonimmune Hydrops Fetalis. <i>Fetal Diagnosis and Therapy</i> , 2018 , 43, 123-128	2.4	20
157	Are ultrasound renal aspects associated with urinary biochemistry in fetuses with lower urinary tract obstruction?. <i>Prenatal Diagnosis</i> , 2016 , 36, 1206-1210	3.2	20
156	Changes in the plantar pressure distribution during gait throughout gestation. <i>Journal of the American Podiatric Medical Association</i> , 2011 , 101, 415-23	1	20
155	Three-dimensional ultrasonographic measurements of the fetal lungs for prediction of perinatal outcome in isolated congenital diaphragmatic hernia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009 , 35, 1031-41	1.9	20
154	Prenatal diagnosis and perinatal outcome of 38 cases with congenital diaphragmatic hernia: 8-year experience of a tertiary Brazilian center. <i>Clinics</i> , 2006 , 61, 197-202	2.3	20

153	Prenatal sonographic diagnosis of congenital hiatal hernia. <i>Prenatal Diagnosis</i> , 2004 , 24, 26-30	3.2	20
152	Cystoscopic placement of transurethral stent in a fetus with urethral stenosis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 238-40	5.8	19
151	Procedure-Related Complications and Survival Following Fetoscopic Endotracheal Occlusion (FETO) for Severe Congenital Diaphragmatic Hernia: Systematic Review and Meta-Analysis in the FETO Era. <i>European Journal of Pediatric Surgery</i> , 2017 , 27, 297-305	1.9	19
150	Selective fetoscopic laser photocoagulation of superficial placental anastomoses for the treatment of severe twin-twin transfusion syndrome. <i>Clinics</i> , 2009 , 64, 91-6	2.3	19
149	Revisiting outcomes of right congenital diaphragmatic hernia. <i>Journal of Surgical Research</i> , 2015 , 198, 413-7	2.5	18
148	Reference range for fetal interventricular septum area by means of four-dimensional ultrasonography using spatiotemporal image correlation. <i>Fetal Diagnosis and Therapy</i> , 2013 , 33, 110-5	2.4	18
147	Ipsilateral lung volumes assessed by three-dimensional ultrasonography in fetuses with isolated congenital diaphragmatic hernia. <i>Fetal Diagnosis and Therapy</i> , 2008 , 24, 389-94	2.4	18
146	Three-dimensional sonographic measurement of contralateral lung volume in fetuses with isolated congenital diaphragmatic hernia. <i>Journal of Clinical Ultrasound</i> , 2008 , 36, 273-8	1	18
145	Nomograms of fetal thyroid measurements estimated by 2-dimensional sonography. <i>Journal of Clinical Ultrasound</i> , 2008 , 36, 193-9	1	18
144	Technical aspects and effectiveness of percutaneous fetal therapies for large sacrococcygeal teratomas: cohort study and literature review. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 47, 712-9	5.8	17
143	Comparing characteristics and outcomes in infants with prenatal and postnatal diagnosis of esophageal atresia. <i>Journal of Surgical Research</i> , 2014 , 190, 242-5	2.5	17
142	Association between magnesium status, oxidative stress and inflammation in preeclampsia: A case-control study. <i>Clinical Nutrition</i> , 2015 , 34, 1166-71	5.9	17
141	Amniotic fluid-derived stem cells demonstrated cardiogenic potential in indirect co-culture with human cardiac cells. <i>Annals of Biomedical Engineering</i> , 2014 , 42, 2490-500	4.7	17
140	First-trimester sonographic prediction of obstetric and neonatal outcomes in monozygotic diamniotic twin pregnancies. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 135-40	2.9	17
139	Factors associated with fetal shunt dislodgement in lower urinary tract obstruction. <i>Prenatal Diagnosis</i> , 2016 , 36, 720-5	3.2	17
138	Fetal left-sided cardiac structural dimensions in left-sided congenital diaphragmatic hernia - association with severity and impact on postnatal outcomes. <i>Prenatal Diagnosis</i> , 2017 , 37, 502-509	3.2	16
137	Quantification of liver herniation in fetuses with isolated congenital diaphragmatic hernia using two-dimensional ultrasonography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 150-4	5.8	16
136	Predicting outcome in 259 fetuses with agenesis of ductus venosus - a multicenter experience and systematic review of the literature (.). <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 3606-14	2	16

135	Reference charts of fetal biometric parameters in 31,476 Brazilian singleton pregnancies. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 1185-91	2.9	16
134	Three-dimensional sonographic assessment of placental volume and vascularization in pregnancies complicated by hypertensive disorders. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 483-91	2.9	15
133	Amnioinfusions to Treat Early Onset Anhydramnios Caused by Renal Anomalies: Background and Rationale for the Renal Anhydramnios Fetal Therapy Trial. <i>Fetal Diagnosis and Therapy</i> , 2019 , 45, 365-372	2.4	14
132	Prenatal Therapy of Large Placental Chorioangiomas: Case Report and Review of the Literature. <i>AJP Reports</i> , 2015 , 5, e196-202	1.2	14
131	Congenital heart anomaly in newborns with congenital diaphragmatic hernia: a single-center experience. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 683-8	5.8	14
130	Four-dimensional ultrasonographic imaging of fetal lower urinary tract obstruction and guidance of percutaneous cystoscopy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 250-2	5.8	14
129	Fetoscopic Therapy for Severe Pulmonary Hypoplasia in Congenital Diaphragmatic Hernia: A First in Prenatal Regenerative Medicine at Mayo Clinic. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 693-700	6.4	14
128	Twin anemia polycythemia sequence: a single center experience and literature review. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 205, 158-64	2.4	13
127	Fetoscopic Amniotic Band Release in a Case of Chorioamniotic Separation: An Innovative New Technique. <i>AJP Reports</i> , 2016 , 6, e222-5	1.2	13
126	Improving the Prediction of Neonatal Outcomes in Isolated Left-Sided Congenital Diaphragmatic Hernia by Direct and Indirect Sonographic Assessment of Liver Herniation. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 1437-43	2.9	13
125	An evaluation of the role of concomitant anomalies on the outcomes of fetuses with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016 , 51, 714-7	2.6	13
124	Three-dimensional virtual cystoscopy: Noninvasive approach for the assessment of urinary tract in fetuses with lower urinary tract obstruction. <i>Prenatal Diagnosis</i> , 2017 , 37, 1350-1352	3.2	13
123	Reference charts for fetal biometric parameters in twin pregnancies according to chorionicity. <i>Prenatal Diagnosis</i> , 2014 , 34, 382-8	3.2	13
122	Oxidative stress biomarkers in endometrial secretions: A comparison between successful and unsuccessful in vitro fertilization cycles. <i>Journal of Reproductive Immunology</i> , 2016 , 116, 70-5	4.2	13
121	Complications and outcomes of SARS-CoV-2 in pregnancy: where and what is the evidence?. <i>Hypertension in Pregnancy</i> , 2020 , 39, 361-369	2	12
120	Prediction of successful labor induction using transvaginal sonographic cervical measurements. <i>Journal of Clinical Ultrasound</i> , 2013 , 41, 76-83	1	12
119	Quantitative lung index, contralateral lung area, or lung-to-head ratio to predict the neonatal outcome in isolated congenital diaphragmatic hernia?. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 413-7	2.9	12
118	Reference values for the length and area of the fetal corpus callosum on 3-dimensional sonography using the transfrontal view. <i>Journal of Ultrasound in Medicine</i> , 2012 , 31, 205-12	2.9	12

117	Perinatal outcomes and intrauterine complications following fetal intervention for congenital heart disease: systematic review and meta-analysis of observational studies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 426-433	5.8	12
116	Reproducibility of fetal lung-to-head ratio in left diaphragmatic hernia across the North American Fetal Therapy Network (NAFTNet). <i>Prenatal Diagnosis</i> , 2019 , 39, 188-194	3.2	12
115	Standardization of Sonographic Lung-to-Head Ratio Measurements in Isolated Congenital Diaphragmatic Hernia: Impact on the Reproducibility and Efficacy to Predict Outcomes. <i>Journal of Ultrasound in Medicine</i> , 2015 , 34, 1721-7	2.9	11
114	Fetal laryngoscopy to evaluate vocal folds in a fetus with congenital high airway obstruction syndrome (CHAOS). <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 102-3	5.8	11
113	Comparison between laparoscopically assisted and standard fetoscopic laser ablation in patients with anterior and posterior placentation in twin-twin transfusion syndrome: a single center study. <i>Prenatal Diagnosis</i> , 2015 , 35, 376-81	3.2	11
112	Renal volumes measured by 3-dimensional sonography in healthy fetuses from 20 to 40 weeks. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 421-7	2.9	11
111	Follow-up of uteroplacental vascularization after feticide in third-trimester therapeutic termination of pregnancy with complete placenta previa. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 27, 463-5	5.8	11
110	Maternal T Cells in the Human Placental Villi Support an Allograft Response during Noninfectious Villitis. <i>Journal of Immunology</i> , 2020 , 204, 2931-2939	5.3	10
109	Predictive Value of MRI Findings for the Identification of a Hernia Sac in Fetuses With Congenital Diaphragmatic Hernia. <i>American Journal of Roentgenology</i> , 2015 , 205, 1121-5	5.4	10
108	Quantitative analysis of renal vascularization in fetuses with urinary tract obstruction by three-dimensional power-Doppler. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 205, 572.e1-7	6.4	10
107	Prenatal diagnosis of main stem bronchial atresia using 3-dimensional ultrasonographic technologies. <i>Journal of Ultrasound in Medicine</i> , 2010 , 29, 633-8	2.9	10
106	The impact of 3-dimensional ultrasonography on perinatal management of a large epignathus teratoma without ex utero intrapartum treatment. <i>Journal of Pediatric Surgery</i> , 2005 , 40, e31-4	2.6	10
105	Low Apgar scores at 5 minutes in a low risk population: maternal and obstetrical factors and postnatal outcome. <i>Revista Da Associação Médica Brasileira</i> , 2012 , 58, 587-93	1.4	10
104	Fetoscopic laser ablation of vasa previa in pregnancy complicated by giant fetal cervical lymphatic malformation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 507-8	5.8	9
103	Three-dimensional ultrasonographic appearance of the fetal akinesia deformation sequence. <i>Journal of Ultrasound in Medicine</i> , 2003 , 22, 593-9	2.9	9
102	Upregulation of HLA-Class I and II in Placentas Diagnosed with Villitis of Unknown Etiology. <i>Reproductive Sciences</i> , 2020 , 27, 1129-1138	3	8
101	Increased serum iron in preeclamptic women is likely due to low hepcidin levels. <i>Nutrition Research</i> , 2018 , 53, 32-39	4	8
100	Longitudinal assessment of lung area measurements by two-dimensional ultrasound in fetuses with isolated left-sided congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 566-71	5.8	8

99	Fetal surgery for lower urinary tract obstruction: the importance of staging prior to intervention. <i>Minerva Pediatrics</i> , 2018 , 70, 263-269	1.5	8
98	Space occupying lesions in the presence of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016 , 51, 710-3	2.6	8
97	Impact of the COVID-19 Pandemic on Maternal Anxiety in Brazil. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	8
96	Vasa previa: a multicenter retrospective cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 221, 644.e1-644.e5	6.4	7
95	Prenatal Diagnosis and Perinatal Outcomes of Congenital Megalourethra: A Multicenter Cohort Study and Systematic Review of the Literature. <i>Journal of Ultrasound in Medicine</i> , 2015 , 34, 2057-64	2.9	7
94	Prematurity and fetal lung response after tracheal occlusion in fetuses with severe congenital diaphragmatic hernia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 3030-4	2	7
93	Mainstem bronchial atresia: a lethal anomaly amenable to fetal surgical treatment. <i>Journal of Pediatric Surgery</i> , 2014 , 49, 706-11	2.6	7
92	Prenatal diagnosis of posterior mediastinal lymphangioma by two- and three-dimensional ultrasonography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 31, 697-700	5.8	7
91	Prenatal diagnosis of a large axillary cystic lymphangioma by three-dimensional ultrasonography and magnetic resonance imaging. <i>Journal of Ultrasound in Medicine</i> , 2003 , 22, 419-23	2.9	7
90	Recent advances in sonographic imaging of fetal thoracic structures. <i>Expert Review of Medical Devices</i> , 2005 , 2, 217-22	3.5	7
89	Phenotype to genotype characterization by array-comparative genomic hybridization (a-CGH) in case of fetal malformations: A systematic review. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019 , 58, 15-28	1.6	7
88	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> , 2019 , 54, 500-505	5.8	6
87	Four-dimensional ultrasonographic guidance of fetal tracheal occlusion in a congenital diaphragmatic hernia. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 105-9	2.9	6
86	Three-dimensional ultrasonographic diagnosis of a cervical pregnancy. <i>Clinics</i> , 2006 , 61, 355-8	2.3	6
85	Fetal lower urinary tract obstruction: What should we tell the prospective parents?. <i>Prenatal Diagnosis</i> , 2020 , 40, 661-668	3.2	6
84	Innovative 2-Step Management Strategy Utilizing EXIT Procedure for a Fetus With Hypoplastic Left Heart Syndrome and Intact Atrial Septum. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 356-361	6.4	5
83	A call for innovation in fetal monitoring during fetal surgery. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-7	2	5
82	Predictive value of oxygenation index for outcomes in left-sided congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2018 , 53, 1675-1680	2.6	5

81	Prenatal Diagnosis of Renal Vein Thrombosis: A Case Report and Literature Review. <i>Fetal Diagnosis and Therapy</i> , 2016 , 39, 228-33	2.4	5
80	Surgical interventions and anesthesia in the 1st year of life for lower urinary tract obstruction. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 820-824	2.6	5
79	Reference ranges for 2-dimensional sonographic lung measurements in healthy fetuses: a longitudinal study. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 1917-23	2.9	5
78	New anatomical landmarks to study the relationship between fetal lung area and thoracic circumference by three-dimensional ultrasonography. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25, 1927-32	2	5
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