Rodrigo Ruano

List of Publications by Year in descending order

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233 papers

6,063 citations

43 h-index 64 g-index

258 all docs

258 docs citations

times ranked

258

3923 citing authors

#	Article	IF	CITATIONS
1	Fetoscopic Open Neural Tube Defect Repair. Obstetrics and Gynecology, 2017, 129, 734-743.	2.4	260
2	A randomized controlled trial of fetal endoscopic tracheal occlusion versus postnatal management of severe isolated congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2012, 39, 20-27.	1.7	214
3	SARS-CoV-2 Infection and COVID-19 During Pregnancy: A Multidisciplinary Review. Mayo Clinic Proceedings, 2020, 95, 1750-1765.	3.0	175
4	Thoracoamniotic shunting for fetal pleural effusions with hydrops. American Journal of Obstetrics and Gynecology, 2004, 191, 2047-2050.	1.3	129
5	Threeâ€dimensional ultrasonographic assessment of fetal lung volume as prognostic factor in isolated congenital diaphragmatic hernia. BJOG: an International Journal of Obstetrics and Gynaecology, 2004, 111, 423-429.	2.3	119
6	Fetal intervention for severe lower urinary tract obstruction: a multicenter case–control study comparing fetal cystoscopy with vesicoamniotic shunting. Ultrasound in Obstetrics and Gynecology, 2015, 45, 452-458.	1.7	117
7	Fetal lung volume and quantification of liver herniation by magnetic resonance imaging in isolated congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2014, 43, 662-669.	1.7	112
8	Prognostic factors associated with congenital cystic adenomatoid malformation of the lung. Prenatal Diagnosis, 2000, 20, 459-464.	2.3	107
9	Prediction and probability of neonatal outcome in isolated congenital diaphragmatic hernia using multiple ultrasound parameters. Ultrasound in Obstetrics and Gynecology, 2012, 39, 42-49.	1.7	107
10	Accuracy of fetal lung volume assessed by threeâ€dimensional sonography. Ultrasound in Obstetrics and Gynecology, 2005, 26, 725-730.	1.7	104
11	Quantitative analysis of fetal pulmonary vasculature by 3-dimensional power Doppler ultrasonography in isolated congenital diaphragmatic hernia. American Journal of Obstetrics and Gynecology, 2006, 195, 1720-1728.	1.3	100
12	Immune checkpoint molecules soluble program death ligand 1 and galectinâ€9 are increased in pregnancy. American Journal of Reproductive Immunology, 2018, 79, e12795.	1.2	89
13	Quantitative Analysis of Placental Vasculature by Three-Dimensional Power Doppler Ultrasonography in Normal Pregnancies From 12 to 40 Weeks of Gestation. Placenta, 2009, 30, 142-148.	1.5	85
14	Fetal Lung Volume Estimated by 3-Dimensional Ultrasonography and Magnetic Resonance Imaging in Cases With Isolated Congenital Diaphragmatic Hernia. Journal of Ultrasound in Medicine, 2004, 23, 353-358.	1.7	82
15	Effectiveness of vesicoamniotic shunt in fetuses with congenital lower urinary tract obstruction: an updated systematic review and metaâ€analysis. Ultrasound in Obstetrics and Gynecology, 2017, 49, 696-703.	1.7	82
16	Fetal surgery for severe lower urinary tract obstruction. Prenatal Diagnosis, 2011, 31, 667-674.	2.3	80
17	Prenatal MRI fetal lung volumes and percent liver herniation predict pulmonary morbidity in congenital diaphragmatic hernia (CDH). Journal of Pediatric Surgery, 2014, 49, 688-693.	1.6	80
18	Fetoscopic laser ablation of placental anastomoses in twin–twin transfusion syndrome using ‰Solomon technique'. Ultrasound in Obstetrics and Gynecology, 2013, 42, 434-439.	1.7	79

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19	Fetal lower urinary tract obstruction: proposal for standardized multidisciplinary prenatal management based on disease severity. Ultrasound in Obstetrics and Gynecology, 2016, 48, 476-482.	1.7	7 5
20	Fetal cystoscopy for severe lower urinary tract obstruction—initial experience of a single center. Prenatal Diagnosis, 2010, 30, 30-39.	2.3	71
21	Effectiveness of fetal cystoscopy as a diagnostic and therapeutic intervention for lower urinary tract obstruction: a systematic review. Ultrasound in Obstetrics and Gynecology, 2011, 37, 629-637.	1.7	69
22	Can Three-Dimensional Ultrasound Be Used for the Assessment of the Fetal Lung Volume in Cases of Congenital Diaphragmatic Hernia?. Fetal Diagnosis and Therapy, 2004, 19, 87-91.	1.4	65
23	Defining "liver-up― does the volume of liver herniation predict outcome for fetuses with isolated left-sided congenital diaphragmatic hernia?. Journal of Pediatric Surgery, 2012, 47, 1058-1062.	1.6	65
24	Comparison of fetal lung area to head circumference ratio with lung volume in the prediction of postnatal outcome in diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2007, 30, 850-854.	1.7	64
25	Risk-stratification of severity for infants with CDH: Prenatal versus postnatal predictors of outcome. Journal of Pediatric Surgery, 2016, 51, 44-48.	1.6	64
26	Feasibility and Outcomes of Fetoscopic Tracheal Occlusion for Severe Left Diaphragmatic Hernia. Obstetrics and Gynecology, 2017, 129, 20-29.	2.4	64
27	Comparison between Fetal Endoscopic Tracheal Occlusion Using a 1.0-mm Fetoscope and Prenatal Expectant Management in Severe Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2011, 29, 64-70.	1.4	62
28	A Nomogram of Fetal Lung Volumes Estimated by 3â€Dimensional Ultrasonography Using the Rotational Technique (Virtual Organ Computerâ€Aided Analysis). Journal of Ultrasound in Medicine, 2006, 25, 701-709.	1.7	60
29	Early fetoscopic tracheal occlusion for extremely severe pulmonary hypoplasia in isolated congenital diaphragmatic hernia: preliminary results. Ultrasound in Obstetrics and Gynecology, 2013, 42, 70-76.	1.7	57
30	Melatonin modulates autophagy and inflammation protecting human placental trophoblast from hypoxia/reoxygenation. Journal of Pineal Research, 2018, 65, e12520.	7.4	57
31	Prenatal diagnosis of pulmonary sequestration using three-dimensional power Doppler ultrasound. Ultrasound in Obstetrics and Gynecology, 2005, 25, 128-133.	1.7	56
32	Prevention of preeclampsia with low-dose aspirin: a systematic review and meta-analysis of the main randomized controlled trials. Clinics, 2005, 60, 407-414.	1.5	56
33	Subsequent pregnancy outcomes after open maternal-fetal surgery for myelomeningocele. American Journal of Obstetrics and Gynecology, 2019, 220, 494.e1-494.e7.	1.3	55
34	Fetoscopic Repair of Meningomyelocele. Obstetrics and Gynecology, 2015, 126, 881-884.	2.4	53
35	Lower urinary tract obstruction: fetal intervention based on prenatal staging. Pediatric Nephrology, 2017, 32, 1871-1878.	1.7	51
36	Early Psychological Impact of the COVID-19 Pandemic in Brazil: A National Survey. Journal of Clinical Medicine, 2020, 9, 2976.	2.4	50

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37	Placental Volumes Measured by 3-Dimensional Ultrasonography in Normal Pregnancies From 12 to 40 Weeks' Gestation. Journal of Ultrasound in Medicine, 2008, 27, 1583-1590.	1.7	49
38	Early fetal cystoscopy for firstâ€ŧrimester severe megacystis. Ultrasound in Obstetrics and Gynecology, 2011, 37, 696-701.	1.7	49
39	SARS-CoV-2 in Pregnancy: A Comprehensive Summary of Current Guidelines. Journal of Clinical Medicine, 2020, 9, 1521.	2.4	49
40	Percutaneous laser ablation under ultrasound guidance for fetal hyperechogenic microcystic lung lesions with hydrops: a single center cohort and a literature review. Prenatal Diagnosis, 2012, 32, 1127-1132.	2.3	47
41	Urological fistulas after fetal cystoscopic laser ablation ofÂposterior urethral valves: surgical technical aspects. Ultrasound in Obstetrics and Gynecology, 2015, 45, 183-189.	1.7	47
42	Predicting Neonatal Deaths and Pulmonary Hypoplasia in Isolated Congenital Diaphragmatic Hernia Using the Sonographic Fetal Lung Volume–Body Weight Ratio. American Journal of Roentgenology, 2008, 190, 1216-1219.	2.2	46
43	Pilot study of chronic maternal hyperoxygenation and effect on aortic and mitral valve annular dimensions in fetuses with left heart hypoplasia. Ultrasound in Obstetrics and Gynecology, 2016, 48, 365-372.	1.7	46
44	Fetal MRI lung volumes are predictive of perinatal outcomes in fetuses with congenital lung masses. Journal of Pediatric Surgery, 2014, 49, 853-858.	1.6	45
45	Defining and predicting †intrauterine fetal renal failure' in congenital lower urinary tract obstruction. Pediatric Nephrology, 2016, 31, 605-612.	1.7	45
46	Fetal Pulmonary Response After Fetoscopic Tracheal Occlusion for Severe Isolated Congenital Diaphragmatic Hernia. Obstetrics and Gynecology, 2012, 119, 93-101.	2.4	43
47	Twoâ€year outcomes after diagnostic and therapeutic fetal cystoscopy for lower urinary tract obstruction. Prenatal Diagnosis, 2016, 36, 297-303.	2.3	43
48	Predicting perinatal outcome in isolated congenital diaphragmatic hernia using fetal pulmonary artery diameters. Journal of Pediatric Surgery, 2008, 43, 606-611.	1.6	42
49	Prenatally diagnosed neck masses: long-term outcomes and quality of life. Journal of Pediatric Surgery, 2015, 50, 1210-1213.	1.6	39
50	Single-Access Fetal Endoscopy (SAFE) for myelomeningocele in sheep model I: amniotic carbon dioxide gas approach. Surgical Endoscopy and Other Interventional Techniques, 2013, 27, 3835-3840.	2.4	37
51	Report on The Society for Fetal Urology panel discussion on the selection criteria and intervention for fetal bladder outlet obstruction. Journal of Pediatric Urology, 2017, 13, 345-351.	1.1	35
52	Procedure-Related Complications and Survival Following Fetoscopic Endotracheal Occlusion (FETO) for Severe Congenital Diaphragmatic Hernia: Systematic Review and Meta-Analysis in the FETO Era. European Journal of Pediatric Surgery, 2017, 27, 297-305.	1.3	35
53	Second- and Third-Trimester Therapeutic Terminations of Pregnancy in Cases with Complete Placenta previa – Does Feticide Decrease Postdelivery Maternal Hemorrhage?. Fetal Diagnosis and Therapy, 2004, 19, 475-478.	1.4	34
54	Perinatal outcome after fetoscopic release of amniotic bands: a singleâ€center experience and review of the literature. Ultrasound in Obstetrics and Gynecology, 2013, 42, 449-455.	1.7	34

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55	Capillary-Like Network Formation by Human Amniotic Fluid-Derived Stem Cells Within Fibrin/Poly(Ethylene Glycol) Hydrogels. Tissue Engineering - Part A, 2015, 21, 1185-1194.	3.1	33
56	Are all pulmonary hypoplasias the same? A comparison of pulmonary outcomes in neonates with congenital diaphragmatic hernia, omphalocele and congenital lung malformation. Journal of Pediatric Surgery, 2015, 50, 55-59.	1.6	33
57	Outcome and Treatment of Antenatally Diagnosed Nonimmune Hydrops Fetalis. Fetal Diagnosis and Therapy, 2018, 43, 123-128.	1.4	33
58	Prenatal diagnosis and natural history of fetuses presenting with pleural effusion. Prenatal Diagnosis, 2011, 31, 496-499.	2.3	32
59	Prenatal diagnosis and perinatal outcome of 38 cases with congenital diaphragmatic hernia: 8-year experience of a tertiary Brazilian center. Clinics, 2006, 61, 197-202.	1.5	31
60	Pulmonary Artery Diameters in Healthy Fetuses From 19 to 40 Weeks' Gestation. Journal of Ultrasound in Medicine, 2007, 26, 309-316.	1.7	31
61	The presence of a hernia sac in congenital diaphragmatic hernia is associated with better fetal lung growth and outcomes. Journal of Pediatric Surgery, 2013, 48, 1165-1171.	1.6	31
62	Outcomes of fetuses with lower urinary tract obstruction treated with vesicoamniotic shunt: A single-institution experience. Journal of Pediatric Surgery, 2013, 48, 956-962.	1.6	31
63	<i>In situ</i> vascularization of injectable fibrin/poly(ethylene glycol) hydrogels by human amniotic fluidâ€derived stem cells. Journal of Biomedical Materials Research - Part A, 2015, 103, 2645-2653.	4.0	29
64	Perinatal Three-dimensional Color Power Doppler Ultrasonography of Vein of Galen Aneurysms. Journal of Ultrasound in Medicine, 2003, 22, 1357-1362.	1.7	28
65	Factors associated with fetal shunt dislodgement in lower urinary tract obstruction. Prenatal Diagnosis, 2016, 36, 720-725.	2.3	28
66	Percutaneous Intrauterine Laser Ablation of the Abnormal Vessel in Pulmonary Sequestration With Hydrops at 29 Weeks' Gestation. Journal of Ultrasound in Medicine, 2007, 26, 1235-1241.	1.7	27
67	Amnioinfusions to Treat Early Onset Anhydramnios Caused by Renal Anomalies: Background and Rationale for the Renal Anhydramnios Fetal Therapy Trial. Fetal Diagnosis and Therapy, 2019, 45, 365-372.	1.4	27
68	Volume Contrast Imaging. Journal of Ultrasound in Medicine, 2004, 23, 403-408.	1.7	26
69	Fetal Endoscopic Tracheal Occlusion for Congenital Diaphragmatic Hernia. Obstetrical and Gynecological Survey, 2014, 69, 147-158.	0.4	26
70	Are ultrasound renal aspects associated with urinary biochemistry in fetuses with lower urinary tract obstruction?. Prenatal Diagnosis, 2016, 36, 1206-1210.	2.3	26
71	Predicting pulmonary hypoplasia using the sonographic fetal lung volume to body weight ratio - how precise and accurate is it?. Ultrasound in Obstetrics and Gynecology, 2006, 28, 958-962.	1.7	25
72	Threeâ€dimensional ultrasonographic measurements of the fetal lungs for prediction of perinatal outcome in isolated congenital diaphragmatic hernia. Journal of Obstetrics and Gynaecology Research, 2009, 35, 1031-1041.	1.3	25

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73	Technical aspects and effectiveness of percutaneous fetal therapies for large sacrococcygeal teratomas: cohort study and literature review. Ultrasound in Obstetrics and Gynecology, 2016, 47, 712-719.	1.7	25
74	Fetal left-sided cardiac structural dimensions in left-sided congenital diaphragmatic hernia - association with severity and impact on postnatal outcomes. Prenatal Diagnosis, 2017, 37, 502-509.	2.3	25
75	Revisiting outcomes of right congenital diaphragmatic hernia. Journal of Surgical Research, 2015, 198, 413-417.	1.6	24
76	Prenatal sonographic diagnosis of congenital hiatal hernia. Prenatal Diagnosis, 2004, 24, 26-30.	2.3	23
77	Reference Range for Fetal Interventricular Septum Area by Means of Four-Dimensional Ultrasonography Using Spatiotemporal Image Correlation. Fetal Diagnosis and Therapy, 2013, 33, 110-115.	1.4	23
78	Comparing characteristics and outcomes in infants with prenatal and postnatal diagnosis of esophageal atresia. Journal of Surgical Research, 2014, 190, 242-245.	1.6	23
79	Prenatal Therapy of Large Placental Chorioangiomas: Case Report and Review of the Literature. AJP Reports, 2015, 05, e196-e202.	0.7	23
80	Association between magnesium status, oxidative stress and inflammation in preeclampsia: A caseâ€"control study. Clinical Nutrition, 2015, 34, 1166-1171.	5.0	23
81	Predicting outcome in 259 fetuses with agenesis of ductus venosus – a multicenter experience and systematic review of the literature. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 3606-3614.	1.5	23
82	Threeâ€dimensional sonographic measurement of contralateral lung volume in fetuses with isolated congenital diaphragmatic hernia. Journal of Clinical Ultrasound, 2008, 36, 273-278.	0.8	22
83	Selective Fetoscopic Laser Photocoagulation of Superficial Placental Anastomoses for the Treatment of Severe Twin-Twin Transfusion Syndrome. Clinics, 2009, 64, 91-96.	1.5	22
84	Percutaneous Laser Ablation of Sacrococcygeal Teratoma in a Hydropic Fetus with Severe Heart Failure – Too Late for a Surgical Procedure?. Fetal Diagnosis and Therapy, 2009, 25, 26-30.	1.4	22
85	Changes in the Plantar Pressure Distribution During Gait Throughout Gestation. Journal of the American Podiatric Medical Association, 2011, 101, 415-423.	0.3	22
86	Cystoscopic placement of transurethral stent in a fetus with urethral stenosis. Ultrasound in Obstetrics and Gynecology, 2014, 44, 238-240.	1.7	22
87	Quantification of liver herniation in fetuses with isolated congenital diaphragmatic hernia using twoâ €d imensional ultrasonography. Ultrasound in Obstetrics and Gynecology, 2015, 46, 150-154.	1.7	22
88	An evaluation of the role of concomitant anomalies on the outcomes of fetuses with congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2016, 51, 714-717.	1.6	22
89	Reproducibility of fetal lungâ€toâ€head ratio in left diaphragmatic hernia across the <scp>N</scp> orth <scp>A</scp> merican <scp>F</scp> etal <scp>T</scp> herapy <scp>N</scp> etwork (NAFTNet). Prenatal Diagnosis, 2019, 39, 188-194.	2.3	22
90	Reference Charts of Fetal Biometric Parameters in 31,476 Brazilian Singleton Pregnancies. Journal of Ultrasound in Medicine, 2014, 33, 1185-1191.	1.7	21

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91	Reference charts for fetal biometric parameters in twin pregnancies according to chorionicity. Prenatal Diagnosis, 2014, 34, 382-388.	2.3	21
92	Fetoscopic Therapy for Severe Pulmonary Hypoplasia in Congenital Diaphragmatic Hernia: A First in Prenatal Regenerative Medicine at Mayo Clinic. Mayo Clinic Proceedings, 2018, 93, 693-700.	3.0	21
93	Maternal T Cells in the Human Placental Villi Support an Allograft Response during Noninfectious Villitis. Journal of Immunology, 2020, 204, 2931-2939.	0.8	21
94	Ipsilateral Lung Volumes Assessed by Three-Dimensional Ultrasonography in Fetuses with Isolated Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2008, 24, 389-394.	1.4	20
95	Perinatal outcomes and intrauterine complications following fetal intervention for congenital heart disease: systematic review and metaâ€analysis of observational studies. Ultrasound in Obstetrics and Gynecology, 2016, 48, 426-433.	1.7	20
96	Oxidative stress biomarkers in endometrial secretions: A comparison between successful and unsuccessful in vitro fertilization cycles. Journal of Reproductive Immunology, 2016, 116, 70-75.	1.9	20
97	Vasa previa: a multicenter retrospective cohort study. American Journal of Obstetrics and Gynecology, 2019, 221, 644.e1-644.e5.	1.3	20
98	Impact of the COVID-19 Pandemic on Maternal Anxiety in Brazil. Journal of Clinical Medicine, 2021, 10, 620.	2.4	20
99	Nomograms of fetal thyroid measurements estimated by 2â€dimensional sonography. Journal of Clinical Ultrasound, 2008, 36, 193-199.	0.8	19
100	Amniotic Fluid-Derived Stem Cells Demonstrated Cardiogenic Potential in Indirect Co-culture with Human Cardiac Cells. Annals of Biomedical Engineering, 2014, 42, 2490-2500.	2.5	19
101	Improving the Prediction of Neonatal Outcomes in Isolated Leftâ€Sided Congenital Diaphragmatic Hernia by Direct and Indirect Sonographic Assessment of Liver Herniation. Journal of Ultrasound in Medicine, 2016, 35, 1437-1443.	1.7	19
102	Complications and outcomes of SARS-CoV-2 in pregnancy: where and what is the evidence?. Hypertension in Pregnancy, 2020, 39, 361-369.	1.1	19
103	Prenatal assessment of congenital diaphragmatic hernia at north american fetal therapy network centers: A continued plea for standardization. Prenatal Diagnosis, 2021, 41, 200-206.	2.3	19
104	Threeâ€Dimensional Sonographic Assessment of Placental Volume and Vascularization in Pregnancies Complicated by Hypertensive Disorders. Journal of Ultrasound in Medicine, 2014, 33, 483-491.	1.7	18
105	Firstâ€Trimester Sonographic Prediction of Obstetric and Neonatal Outcomes in Monochorionic Diamniotic Twin Pregnancies. Journal of Ultrasound in Medicine, 2014, 33, 135-140.	1.7	18
106	Congenital heart anomaly in newborns with congenital diaphragmatic hernia: a single-center experience. Ultrasound in Obstetrics and Gynecology, 2015, 45, 683-688.	1.7	18
107	Threeâ€dimensional virtual cystoscopy: Noninvasive approach for the assessment of urinary tract in fetuses with lower urinary tract obstruction. Prenatal Diagnosis, 2017, 37, 1350-1352.	2.3	18
108	Increased serum iron in preeclamptic women is likely due to low hepcidin levels. Nutrition Research, 2018, 53, 32-39.	2.9	18

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109	Three-dimensional Ultrasonographic Appearance of the Fetal Akinesia Deformation Sequence. Journal of Ultrasound in Medicine, 2003, 22, 593-599.	1.7	17
110	Reference Values for the Length and Area of the Fetal Corpus Callosum on 3â€Dimensional Sonography Using the Transfrontal View. Journal of Ultrasound in Medicine, 2012, 31, 205-212.	1.7	17
111	Quantitative Lung Index, Contralateral Lung Area, or Lung-to-Head Ratio to Predict the Neonatal Outcome in Isolated Congenital Diaphragmatic Hernia?. Journal of Ultrasound in Medicine, 2013, 32, 413-417.	1.7	17
112	The impact of 3-dimensional ultrasonography on perinatal management of a large epignathus teratoma without ex utero intrapartum treatment. Journal of Pediatric Surgery, 2005, 40, e31-e34.	1.6	16
113	Fourâ€dimensional ultrasonographic imaging of fetal lower urinary tract obstruction and guidance of percutaneous cystoscopy. Ultrasound in Obstetrics and Gynecology, 2009, 33, 250-252.	1.7	16
114	Comparison between laparoscopically assisted and standard fetoscopic laser ablation in patients with anterior and posterior placentation in twinâ€ŧwin transfusion syndrome: a single center study. Prenatal Diagnosis, 2015, 35, 376-381.	2.3	16
115	Standardization of Sonographic Lungâ€toâ€Head Ratio Measurements in Isolated Congenital Diaphragmatic Hernia. Journal of Ultrasound in Medicine, 2015, 34, 1721-1727.	1.7	16
116	Recurrent Gestational Diabetes Mellitus: A Narrative Review and Single-Center Experience. Journal of Clinical Medicine, 2021, 10, 569.	2.4	16
117	Prediction of successful labor induction using transvaginal sonographic cervical measurements. Journal of Clinical Ultrasound, 2013, 41, 76-83.	0.8	15
118	Twin anemia polycythemia sequence: a single center experience and literature review. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2016, 205, 158-164.	1.1	15
119	Fetal lower urinary tract obstruction: What should we tell the prospective parents?. Prenatal Diagnosis, 2020, 40, 661-668.	2.3	15
120	Predictive Value of MRI Findings for the Identification of a Hernia Sac in Fetuses With Congenital Diaphragmatic Hernia. American Journal of Roentgenology, 2015, 205, 1121-1125.	2.2	14
121	Fetoscopic Amniotic Band Release in a Case of Chorioamniotic Separation: An Innovative New Technique. AJP Reports, 2016, 06, e222-e225.	0.7	14
122	Low Apgar scores at 5 minutes in a low risk population: maternal and obstetrical factors and postnatal outcome. Revista Da Associação MÃ@dica Brasileira, 2012, 58, 587-93.	0.7	14
123	Follow-up of uteroplacental vascularization after feticide in third-trimester therapeutic termination of pregnancy with complete placenta previa. Ultrasound in Obstetrics and Gynecology, 2006, 27, 463-465.	1.7	13
124	Renal Volumes Measured by 3-Dimensional Sonography in Healthy Fetuses From 20 to 40 Weeks. Journal of Ultrasound in Medicine, 2013, 32, 421-427.	1.7	13
125	Fetal laryngoscopy to evaluate vocal folds in a fetus with congenital high airway obstruction syndrome (CHAOS). Ultrasound in Obstetrics and Gynecology, 2014, 43, 102-103.	1.7	13
126	Fetoscopic laser ablation of vasa previa in pregnancy complicated by giant fetal cervical lymphatic malformation. Ultrasound in Obstetrics and Gynecology, 2015, 46, 507-508.	1.7	13

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127	Outcome of fetuses with lower urinary tract obstruction and normal amniotic fluid volume in second trimester of pregnancy. Ultrasound in Obstetrics and Gynecology, 2019, 54, 500-505.	1.7	13
128	Upregulation of HLA-Class I and II in Placentas Diagnosed with Villitis of Unknown Etiology. Reproductive Sciences, 2020, 27, 1129-1138.	2.5	13
129	Quantitative analysis of renal vascularization in fetuses with urinary tract obstruction by three-dimensional power-Doppler. American Journal of Obstetrics and Gynecology, 2011, 205, 572.e1-572.e7.	1.3	12
130	Prenatal Diagnosis and Perinatal Outcomes of Congenital Megalourethra. Journal of Ultrasound in Medicine, 2015, 34, 2057-2064.	1.7	12
131	Predictive value of oxygenation index for outcomes in left-sided congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2018, 53, 1675-1680.	1.6	12
132	Innovative 2-Step Management Strategy Utilizing EXIT Procedure for a Fetus With Hypoplastic Left Heart Syndrome and Intact Atrial Septum. Mayo Clinic Proceedings, 2019, 94, 356-361.	3.0	12
133	Prenatal Diagnosis of Main Stem Bronchial Atresia Using 3-Dimensional Ultrasonographic Technologies. Journal of Ultrasound in Medicine, 2010, 29, 633-638.	1.7	11
134	Space occupying lesions in the presence of congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2016, 51, 710-713.	1.6	11
135	Fetoscopic Release of Amniotic Band Syndrome. Journal of Ultrasound in Medicine, 2021, 40, 1039-1048.	1.7	11
136	SARS-CoV-2 and Pregnancy: A Review of the Facts. Revista Brasileira De Ginecologia E Obstetricia, 2020, 42, 562-568.	0.8	11
137	Three-dimensional ultrasonographic diagnosis of a cervical pregnancy. Clinics, 2006, 61, 355-358.	1.5	11
138	Mainstem bronchial atresia: a lethal anomaly amenable to fetal surgical treatment. Journal of Pediatric Surgery, 2014, 49, 706-711.	1.6	10
139	Update on the Prenatal Diagnosis and Outcomes of Fetal Bilateral Renal Agenesis. Obstetrical and Gynecological Survey, 2019, 74, 298-302.	0.4	10
140	Prenatal regenerative fetoscopic interventions for congenital anomalies. BMJ, The, 2020, 370, m1624.	6.0	10
141	Gastroschisis: a systematic review of diagnosis, prognosis and treatment. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 6199-6212.	1.5	10
142	The Psychological Impact of COVID-19 on Individuals With and Without Mental Health Disorders. Psychological Reports, 2021, , 003329412110268.	1.7	10
143	Prenatal Diagnosis of a Large Axillary Cystic Lymphangioma by Three-dimensional Ultrasonography and Magnetic Resonance Imaging. Journal of Ultrasound in Medicine, 2003, 22, 419-423.	1.7	9
144	Recent advances in sonographic imaging of fetal thoracic structures. Expert Review of Medical Devices, 2005, 2, 217-222.	2.8	9

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145	Longitudinal assessment of lung area measurements by twoâ€dimensional ultrasound in fetuses with isolated leftâ€sided congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2015, 45, 566-571.	1.7	9
146	Prenatal Diagnosis of Renal Vein Thrombosis: A Case Report and Literature Review. Fetal Diagnosis and Therapy, 2016, 39, 228-233.	1.4	9
147	Prematurity and fetal lung response after tracheal occlusion in fetuses with severe congenital diaphragmatic hernia. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 3030-3034.	1.5	9
148	Fetal surgery: how recent technological advancements are extending its applications. Expert Review of Medical Devices, 2019, 16, 643-645.	2.8	9
149	Variability in antenatal prognostication of fetal diaphragmatic hernia across the North American Fetal Therapy Network (NAFTNet). Prenatal Diagnosis, 2020, 40, 342-350.	2.3	9
150	Serial Amnioinfusion as Regenerative Therapy for Pulmonary Hypoplasia in Fetuses With Intrauterine Renal Failure or Severe Renal Anomalies: Systematic Review and Future Perspectives. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 391-409.	2.4	9
151	Fetal surgery for lower urinary tract obstruction: the importance of staging prior to intervention. Minerva Pediatrics, 2018, 70, 263-269.	0.4	9
152	Fourâ€Dimensional Ultrasonographic Guidance of Fetal Tracheal Occlusion in a Congenital Diaphragmatic Hernia. Journal of Ultrasound in Medicine, 2007, 26, 105-109.	1.7	8
153	Prenatal diagnosis of posterior mediastinal lymphangioma by two―and threeâ€dimensional ultrasonography. Ultrasound in Obstetrics and Gynecology, 2008, 31, 697-700.	1.7	8
154	New anatomical landmarks to study the relationship between fetal lung area and thoracic circumference by three-dimensional ultrasonography. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 1927-1932.	1.5	8
155	Reference Ranges for 2â€Dimensional Sonographic Lung Measurements in Healthy Fetuses. Journal of Ultrasound in Medicine, 2014, 33, 1917-1923.	1.7	8
156	Standardization and reproducibility of sonographic stomach position grades in fetuses with congenital diaphragmatic hernia. Journal of Clinical Ultrasound, 2019, 47, 513-517.	0.8	8
157	Phenotype to genotype characterization by array-comparative genomic hydridization (a-CGH) in case of fetal malformations: AÂsystematic review. Taiwanese Journal of Obstetrics and Gynecology, 2019, 58, 15-28.	1.3	8
158	Diagnóstico Pré-Natal de Fenda Labial e Palatina: Experiência de 40 Casos. Revista Brasileira De Ginecologia E Obstetricia, 2001, 23, 561.	0.8	7
159	Growth Patterns of Fetal Lung Volumes in Healthy Fetuses and Fetuses With Isolated Leftâ€ided Congenital Diaphragmatic Hernia. Journal of Ultrasound in Medicine, 2016, 35, 1159-1166.	1.7	7
160	3D Virtual Broncoscopy before FETO Procedure in a Fetus with Severe, Isolated Left Congenital Diaphragmatic Hernia. Fetal and Pediatric Pathology, 2018, 37, 134-139.	0.7	7
161	Congenital hemangioma of the faceâ€"Value of fetal MRI with prenatal ultrasound. Radiology Case Reports, 2019, 14, 1443-1446.	0.6	7
162	In Utero Restoration of Hindbrain Herniation in Fetal Myelomeningocele as Part of Prenatal Regenerative Therapy Program at Mayo Clinic. Mayo Clinic Proceedings, 2020, 95, 738-746.	3.0	7

#	Article	IF	CITATIONS
163	Is there a role for fetal interventions in gastroschisis management? – An updated comprehensive review. Prenatal Diagnosis, 2021, 41, 159-176.	2.3	7
164	Increased cellâ€free fetal DNA release after apoptosis and sterile inflammation in human trophoblast cells. American Journal of Reproductive Immunology, 2021, 86, e13483.	1.2	7
165	Ultrasound Markers for Complex Gastroschisis: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 5215.	2.4	7
166	Unusual pleuroamniotic shunt complication managed using a two-port in-CO2fetoscopic technique: technical and ethical considerations. Ultrasound in Obstetrics and Gynecology, 2016, 47, 123-124.	1.7	6
167	A novel multimodal computational system using near-infrared spectroscopy predicts the need for ECMO initiation in neonates with congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2018, 53, 152-158.	1.6	6
168	The impact of fetal endoscopic tracheal occlusion in isolated leftâ€sided congenital diaphragmatic hernia on leftâ€sided cardiac dimensions. Prenatal Diagnosis, 2018, 38, 812-820.	2.3	6
169	Perinatal outcomes of fetal intra-abdominal umbilical vein varix: a multicenter cohort study. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 3393-3396.	1.5	6
170	A call for innovation in fetal monitoring during fetal surgery. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 1817-1823.	1.5	6
171	Potential use of electrohysterography in obstetrics: a review article. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1666-1672.	1.5	6
172	Evaluating Markers of Immune Tolerance and Angiogenesis in Maternal Blood for an Association with Risk of Pregnancy Loss. Journal of Clinical Medicine, 2021, 10, 3579.	2.4	6
173	Progressive hydrocephalus despite early complete reversal of hindbrain herniation after prenatal open myelomeningocele repair. Neurosurgical Focus, 2019, 47, E13.	2.3	6
174	Prenatal cytogenetic diagnosis from fetal urine in lower urinary tract obstruction. Congenital Anomalies (discontinued), 2013, 53, 89-91.	0.6	5
175	Estimated combined cardiac output and laser therapy for twin–twin transfusion syndrome. Echocardiography, 2016, 33, 1563-1570.	0.9	5
176	Reproducibility of Lungâ€ŧoâ€Head Ratio Ultrasound Measurements in Congenital Diaphragmatic Hernia. Journal of Ultrasound in Medicine, 2018, 37, 2037-2041.	1.7	5
177	Surgical interventions and anesthesia in the 1st year of life for lower urinary tract obstruction. Journal of Pediatric Surgery, 2019, 54, 820-824.	1.6	5
178	Is there a role for fetoscopic laser ablation therapy in Typeâ€2 vasa previa?. Ultrasound in Obstetrics and Gynecology, 2019, 54, 696-696.	1.7	5
179	Frequency of Gestational Diabetes Mellitus Reappearance or Absence during the Second Pregnancy of Women Treated at Mayo Clinic between 2013 and 2018. Journal of Diabetes Research, 2019, 2019, 1-7.	2.3	5
180	Regenerative Prophylaxis <i>In Utero</i> . Clinical Pharmacology and Therapeutics, 2019, 105, 39-41.	4.7	5

#	Article	IF	CITATIONS
181	Tocolysis for open prenatal repair of myelomeningocele: systematic review. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 1786-1791.	1.5	5
182	Kidney impairment in fetal growth restriction: threeâ€dimensional evaluation of volume and vascularization. Prenatal Diagnosis, 2020, 40, 1408-1417.	2.3	5
183	Ethical considerations of maternal–fetal intervention in a twin pregnancy discordant for anomalies. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1312-1317.	1.5	5
184	Pancreaticoduodenectomy as treatment of adenocarcinoma of the papilla of Vater diagnosed during pregnancy. A case report. Journal of reproductive medicine, The, 2001, 46, 1021-4.	0.2	5
185	Three-Dimensional Ultrasonographic Assessment of Fetal Total Lung Volume as a Prognostic Factor in Primary Pleural Effusion. Journal of Ultrasound in Medicine, 2012, 31, 1731-1739.	1.7	4
186	Reproducibility of Lung and Liver Volume Measurements on Fetal Magnetic Resonance Imaging in Left-Sided Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2021, 48, 258-264.	1.4	4
187	Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats. Journal of Applied Physiology, 2021, 130, 801-812.	2.5	4
188	What do we know about the diagnosis and management of mirror syndrome?. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 4022-4027.	1.5	4
189	To shunt or not to shunt a pulmonary adenomatoid cystic malformation after 33 weeks of gestation: a case report. Sao Paulo Medical Journal, 2008, 126, 239-241.	0.9	3
190	Fetofetal Transfusion Syndrome in Monochorionic-Triamniotic Triplets Treated with Fetoscopic Laser Ablation: Report of Two Cases and A Systematic Review. AJP Reports, 2015, 05, e153-e160.	0.7	3
191	Experimental fetal endoscopic tracheal occlusion in rhesus and cynomolgus monkeys: nonhuman primate models. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 1822-1827.	1.5	3
192	Interrater agreement for sonographic stomach position classification in fetal diaphragmatic hernia across the North American Fetal Therapy Network. Prenatal Diagnosis, 2021, , .	2.3	3
193	Toward Eliminating Perinatal Comfort Care for Prenatally Diagnosed Severe Congenital Heart Defects: A Vision. Mayo Clinic Proceedings, 2021, 96, 1276-1287.	3.0	3
194	Honeymoon Period in Newborn Rats With CDH Is Associated With Changes in the VEGF Signaling Pathway. Frontiers in Pediatrics, 2021, 9, 698217.	1.9	3
195	Perinatal management of fetal supraventricular tachycardia complicated by maternal pertussis: FigureÂ1. BMJ Case Reports, 2015, 2015, bcr2015209909.	0.5	3
196	Reply. Ultrasound in Obstetrics and Gynecology, 2014, 43, 239-240.	1.7	2
197	Spiral electrode for continuous fetal heart rate monitoring during in-utero myelomeningocele repair. International Journal of Obstetric Anesthesia, 2020, 44, 16-19.	0.4	2
198	Fetal Surgery in the Era of SARS-CoV-2 Pandemic: A Single-Institution Review. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 717-724.	2.4	2

#	Article	IF	Citations
199	Interventions and neonatal outcomes of fetuses with hypoplastic left heart syndrome and congenital diaphragmatic hernia: a systematic review. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-12.	1.5	2
200	Neurodevelopmental Outcome in Infants with Lower Urinary Tract Obstruction Based on Different Degrees of Severity. Fetal Diagnosis and Therapy, 2020, 47, 587-596.	1.4	2
201	Interventional resealing of preterm premature rupture of the membranes: a systematic review and meta-analysis. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 5978-5992.	1.5	2
202	Fetal Organ Volume Measurements by Three-dimensional Ultrasonography in Clinical Practice. Donald School Journal of Ultrasound in Obstetrics and Gynecology, 2015, 9, 397-407.	0.3	2
203	P14.24: Prenatal diagnosis and management of fetal goiter associated with maternal Graves' disease. Ultrasound in Obstetrics and Gynecology, 2004, 24, 354-354.	1.7	1
204	Current controversies in prenatal diagnosis 1: All prenatally detected lower urinary tract obstructions should be shunted. Prenatal Diagnosis, 2018, 38, 155-159.	2.3	1
205	Early Prenatal Diagnosis of Blakes' Pouch Cyst by 2D/3D Ultrasound with Cristal and Realistic Vue Application. Fetal and Pediatric Pathology, 2018, 37, 216-221.	0.7	1
206	Reproducibility of Liverâ€toâ€Thorax Area Ratio Ultrasound Measurements in Congenital Diaphragmatic Hernia. Journal of Ultrasound in Medicine, 2019, 38, 1477-1482.	1.7	1
207	Sequential Minimally Invasive Fetal Interventions for Two Life-Threatening Conditions: A Novel Approach. Fetal Diagnosis and Therapy, 2021, 48, 70-77.	1.4	1
208	Threeâ€Dimensional Doppler Mapping of Placental Chorioangioma Prior to Fetoscopic Laser Ablation. Journal of Ultrasound in Medicine, 2022, 41, 255-257.	1.7	1
209	State of the art in translating experimental myelomeningocele research to the bedside. Child's Nervous System, 2021, 37, 2769-2785.	1.1	1
210	Management of Complicated Monochorionic Twin Gestations: An Evidence-Based Protocol. Obstetrical and Gynecological Survey, 2021, 76, 541-549.	0.4	1
211	Sonographic pulmonary response after tracheal occlusion in fetuses with severe isolated congenital diaphragmatic hernia. Journal of Clinical Ultrasound, 2022, 50, 185-190.	0.8	1
212	Fetal cholelithiasis: What we know to counsel parents?. Journal of Clinical Ultrasound, 2022, 50, 80-81.	0.8	1
213	Placental Location in Maternal-Fetal Surgery for Myelomeningocele. Fetal Diagnosis and Therapy, 2021,	1.4	1
214	Increased Risk for Maternal Anxiety during the COVID-19 Outbreak in Brazil among Pregnant Women without Comorbidities. Revista Brasileira De Ginecologia E Obstetricia, 2021, 43, 932-939.	0.8	1
215	Innovative fetal therapy for a giant congenital pulmonary airway malformation with hydrops. Fetal Diagnosis and Therapy, 2022, , .	1.4	1
216	Crossing birth and mortality data as a clue for prevalence of congenital diaphragmatic hernia in Sao Paulo State: A cross sectional study. The Lancet Regional Health Americas, 2022, 14, 100328.	2.6	1

#	Article	IF	Citations
217	F104Prenatal diagnosis and follow-up of 38 cases of cleft lip - 5-year experience of a Brazilian specialized center. Ultrasound in Obstetrics and Gynecology, 2000, 16, 59-60.	1.7	O
218	P14.44: Prenatal sonographic features of severe hypospadias. Ultrasound in Obstetrics and Gynecology, 2004, 24, 358-358.	1.7	0
219	OC36: Predicting postnatal pulmonary arterial hypertension using the vascular indices estimated by three-dimensional power Doppler ultrasonography in isolated congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2006, 28, 369-369.	1.7	0
220	OP19.05: Ipsilateral lung volumes assessed by three-dimensional ultrasonography in 39 fetuses with isolated congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2008, 32, 376-376.	1.7	0
221	OP19.06: Predicting neonatal prognosis in 40 fetuses with isolated congenital diaphragmatic hernia using the "ultrasonographic fetal lung volume to body weight ratio― Ultrasound in Obstetrics and Gynecology, 2008, 32, 376-376.	1.7	0
222	P26.13: Acardiac twin with cephalic pole: a case report. Ultrasound in Obstetrics and Gynecology, 2009, 34, 280-280.	1.7	0
223	P20.04: Comparative study of congenital anomalies evaluated by two-dimensional and three-dimensional sonography. Ultrasound in Obstetrics and Gynecology, 2010, 36, 248-249.	1.7	0
224	OP17.05: Fetal lung response after complete and partial tracheal occlusion using a prototype engineered "smart―balloon in sheep model. Ultrasound in Obstetrics and Gynecology, 2011, 38, 105-106.	1.7	0
225	Fetal urinary tract obstruction., 0,, 253-260.		0
226	Response to Editorial comments. Journal of Pediatric Urology, 2017, 13, 543-544.	1.1	0
227	Percutaneous laser ablation of the feeding vessel in pulmonary sequestration or hybrid lesions. Ultrasound in Obstetrics and Gynecology, 2017, 49, 810-811.	1.7	0
228	Role of Maternal Laparoscopy in Fetal Surgery. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2021, 31, .	0.2	0
229	Obstetric outcomes after fetal intervention $\hat{a} \in \hat{a}$ a single-center descriptive review. Journal of Maternal-Fetal and Neonatal Medicine, 0, , 1-7.	1.5	0
230	Fetal Genitourinary Abnormalities. , 2011, , 301-318.e4.		0
231	The Delphi definition for selective fetal growth restriction may not improve detection of pathologic growth discordance in monochorionic twins American Journal of Obstetrics & Dynecology MFM, 2022, , 100561.	2.6	0
232	Pseudomeningocele after in utero repair of myelomeningocele as an early sign of hypertensive hydrocephalus – a case report and review of the literature. Archives of Pediatric Neurosurgery, 2022, 4, e1032021.	0.1	0
233	Preval \tilde{A}^a ncia e fatores associados \tilde{A} mortalidade em fetos e rec \tilde{A} \otimes m-nascidos com diagn \tilde{A}^3 stico de gastrosquise. Research, Society and Development, 2022, 11, e12711830489.	0.1	0