Rogelio Cruz-MartÃ-nez

List of Publications by Year
in descending order

92 papers	1,840 citations	279487 23 h-index	264894 42 g-index
94 all docs	94 docs citations	94 times ranked	1639 citing authors

#	Article	IF	Citations
1	Fetal Brain Doppler to Predict Cesarean Delivery for Nonreassuring Fetal Status in Term Small-for-Gestational-Age Fetuses. Obstetrics and Gynecology, 2011, 117, 618-626.	1.2	201
2	Longitudinal changes in uterine, umbilical and fetal cerebral Doppler indices in lateâ€onset smallâ€forâ€gestational age fetuses. Ultrasound in Obstetrics and Gynecology, 2011, 37, 191-195.	0.9	195
3	Evaluation of Conventional Doppler Fetal Cardiac Function Parameters: E/A Ratios, Outflow Tracts, and Myocardial Performance Index. Fetal Diagnosis and Therapy, 2012, 32, 22-29.	0.6	126
4	Neurodevelopmental outcome of fullâ€term smallâ€forâ€gestationalâ€age infants with normal placental function. Ultrasound in Obstetrics and Gynecology, 2013, 42, 201-206.	0.9	120
5	Cerebral blood perfusion and neurobehavioral performance in full-term small-for-gestational-age fetuses. American Journal of Obstetrics and Gynecology, 2009, 201, 474.e1-474.e7.	0.7	99
6	Normal Reference Ranges from 11 to 41 Weeksâ€™ Gestation of Fetal Left Modified Myocardial Performance Index by Conventional Doppler with the Use of Stringent Criteria for Delimitation of the Time Periods. Fetal Diagnosis and Therapy, 2012, 32, 79-86.	0.6	80
7	Middle versus anterior cerebral artery Doppler for the prediction of perinatal outcome and neonatal neurobehavior in term smallâ€forâ€gestationalâ€age fetuses with normal umbilical artery Doppler. Ultrasound in Obstetrics and Gynecology, 2010, 35, 456-461.	0.9	73
8	Changes in myocardial performance index and aortic isthmus and ductus venosus Doppler in term, smallâ€forâ€gestational age fetuses with normal umbilical artery pulsatility index. Ultrasound in Obstetrics and Gynecology, 2011, 38, 400-405.	0.9	67
9	Sequence of changes in myocardial performance index in relation to aortic isthmus and ductus venosus Doppler in fetuses with earlyâ€onset intrauterine growth restriction. Ultrasound in Obstetrics and Gynecology, 2011, 38, 179-184.	0.9	65
10	Learning curve for lung area to head circumference ratio measurement in fetuses with congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2010, 36, 32-36.	0.9	56
11	Clinical utility of thirdâ€trimester uterine artery Doppler in the prediction of brain hemodynamic deterioration and adverse perinatal outcome in smallâ€forâ€gestationalâ€age fetuses. Ultrasound in Obstetrics and Gynecology, 2015, 45, 273-278.	0.9	51
12	Targeted array comparative genomic hybridisation (array CGH) identifies genomic imbalances associated with isolated congenital diaphragmatic hernia (CDH). Prenatal Diagnosis, 2010, 30, 1198-1206.	1.1	49
13	Incidence and clinical implications of early inadvertent septostomy after laser therapy for twin-twin transfusion syndrome. Ultrasound in Obstetrics and Gynecology, 2011, 37, 458-462.	0.9	46
14	Can anomalies of fetal brain circulation be useful in the management of growth restricted fetuses?. Prenatal Diagnosis, 2012, 32, 103-112.	1.1	46
15	Contribution of intrapulmonary artery Doppler to improve prediction of survival in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. Ultrasound in Obstetrics and Gynecology, 2010, 35, 572-577.	0.9	37
16	Longitudinal brain perfusion changes in near-term small-for-gestational-age fetuses as measured by spectral Doppler indices or by fractional moving blood volume. American Journal of Obstetrics and Gynecology, 2010, 203, 42.e1-42.e6.	0.7	37
17	Lung tissue perfusion in congenital diaphragmatic hernia and association with the lungâ€toâ€head ratio and intrapulmonary artery pulsed Doppler. Ultrasound in Obstetrics and Gynecology, 2010, 35, 578-582.	0.9	36
18	Learning curve for Doppler measurement of fetal modified myocardial performance index. Ultrasound in Obstetrics and Gynecology, 2011, 37, 158-162.	0.9	35

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19	The role of Doppler and placental screening. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2009, 23, 845-855.	1.4	30
20	Usefulness of lungâ€toâ€head ratio and intrapulmonary arterial Doppler in predicting neonatal morbidity in fetuses with congenital diaphragmatic hernia treated with fetoscopic tracheal occlusion. Ultrasound in Obstetrics and Gynecology, 2013, 41, 59-65.	0.9	29
21	Fetal Endoscopic Tracheal Intubation: A New Fetoscopic Procedure to Ensure Extrauterine Tracheal Permeability in a Case with Congenital Cervical Teratoma. Fetal Diagnosis and Therapy, 2015, 38, 154-158.	0.6	28
22	Revealed versus concealed criteria for placental insufficiency in an unselected obstetric population in late pregnancy (RATIO37): randomised controlled trial study protocol. BMJ Open, 2017, 7, e014835.	0.8	28
23	Changes in Lung Tissue Perfusion in the Prediction of Survival in Fetuses with Congenital Diaphragmatic Hernia Treated with Fetal Endoscopic Tracheal Occlusion. Fetal Diagnosis and Therapy, 2011, 29, 101-107.	0.6	27
24	Prognostic Value of Pulmonary Doppler to Predict Response to Tracheal Occlusion in Fetuses with Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2011, 29, 18-24.	0.6	24
25	Risk of ultrasound-detected neonatal brain abnormalities in intrauterine growth-restricted fetuses born between 28 and 34 weeks' gestation: relationship with gestational age at birth and fetal Doppler parameters. Ultrasound in Obstetrics and Gynecology, 2015, 46, 452-459.	0.9	23
26	Normal reference ranges of fetal regional cerebral blood perfusion as measured by fractional moving blood volume. Ultrasound in Obstetrics and Gynecology, 2011, 37, 196-201.	0.9	21
27	Fetal laser surgery prevents fetal death and avoids the need for neonatal sequestrectomy in cases with bronchopulmonary sequestration. Ultrasound in Obstetrics and Gynecology, 2015, 46, 627-628.	0.9	19
28	A multicentre study to predict neonatal survival according to lungâ€toâ€head ratio and liver herniation in fetuses with left congenital diaphragmatic hernia (CDH): Hidden mortality from the Latin American CDH Study Group Registry. Prenatal Diagnosis, 2019, 39, 519-526.	1.1	19
29	Lung Tissue Blood Perfusion Changes Induced by in utero Tracheal Occlusion in a Rabbit Model of Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2009, 26, 137-142.	0.6	18
30	Fetal laser ablation of feeding artery of cystic lung lesions with systemic arterial blood supply. Ultrasound in Obstetrics and Gynecology, 2017, 49, 744-750.	0.9	17
31	Survival outcome in severe leftâ€sided congenital diaphragmatic hernia with and without fetal endoscopic tracheal occlusion in a country with suboptimal neonatal management. Ultrasound in Obstetrics and Gynecology, 2020, 56, 516-521.	0.9	12
32	Open Fetal Microneurosurgery for Intrauterine Spina Bifida Repair. Fetal Diagnosis and Therapy, 2021, 48, 163-173.	0.6	12
33	Learning Curve for Intrapulmonary Artery Doppler in Fetuses with Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2016, 39, 256-260.	0.6	10
34	Characterizing cardiac dysfunction in fetuses with left congenital diaphragmatic hernia. Prenatal Diagnosis, 2018, 38, 422-427.	1.1	10
35	Longitudinal changes in lung size and intrapulmonaryâ€artery Doppler during the second half of pregnancy in fetuses with congenital diaphragmatic hernia. Prenatal Diagnosis, 2019, 39, 45-51.	1.1	10
36	Doppler changes in the umbilical artery, middle cerebral artery, cerebroplacental ratio and ductus venosus during open fetal microneurosurgery for intrauterine myelomeningocele repair. Ultrasound in Obstetrics and Gynecology, 2020, 58, 238-244.	0.9	9

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37	Postnatal care setting and survival after fetoscopic tracheal occlusion for severe congenital diaphragmatic hernia: A systematic review and meta-analysis. Journal of Pediatric Surgery, 2022, 57, 819-825.	0.8	8
38	Outcomes of hypoplastic left heart syndrome and fetal aortic valvuloplasty in a country with suboptimal postnatal management. Prenatal Diagnosis, 2019, 39, 563-570.	1.1	6
39	Visual evoked potentials are similar in polysomnographically defined quiet and active sleep in healthy newborns. International Journal of Developmental Neuroscience, 2018, 68, 26-34.	0.7	5
40	Quality assessment of fetal middle cerebral and umbilical artery Doppler images using an objective scale within an international randomized controlled trial. Ultrasound in Obstetrics and Gynecology, 2020, 56, 182-186.	0.9	5
41	Open intrauterine repair of spina bifida aperta: Historical aspects, current availability, and clinical outcomes from the Latin American Spina Bifida Consortium. Prenatal Diagnosis, 2021, 41, 933-941.	1.1	5
42	OC02.01: Association of lung perfusion with the lung to head ratio and intrapulmonary pulsed Doppler in fetuses with congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2009, 34, 2-3.	0.9	4
43	OP22.02: Contribution of pulmonary Doppler to improve prediction of survival in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. Ultrasound in Obstetrics and Gynecology, 2009, 34, 132-132.	0.9	4
44	Prenatal diagnosis of laryngoâ€tracheoâ€esophageal anomalies in fetuses with congenital diaphragmatic hernia by ultrasound evaluation of the vocal cords and fetal laryngoesophagoscopy. Prenatal Diagnosis, 2020, 40, 1540-1546.	1.1	3
45	Incidence and survival outcomes of monochorionic diamniotic twin pregnancies with twinâ€toâ€twin transfusion syndrome presenting without amniotic fluid discordance due to spontaneous septostomy and treated with fetoscopy. Ultrasound in Obstetrics and Gynecology, 2020, 58, 488-489.	0.9	3
46	Prenatal diagnosis of congenital heart defects: experience of the first Fetal Cardiology Unit in Mexico. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1529-1534.	0.7	3
47	Impact of fetal endoscopic tracheal occlusion in fetuses with congenital diaphragmatic hernia and moderate lung hypoplasia. Prenatal Diagnosis, 2022, 42, 310-317.	1.1	3
48	Open surgery for in utero repair of spina bifida: Microneurosurgery versus standard technique â€“ A systematic review. Prenatal Diagnosis, 2021, 41, 1615-1623.	1.1	3
49	Twin-to-twin transfusion syndrome and coronavirus disease 2019: impact on diagnosis, referral, eligibility for fetoscopic laser therapy, and outcomes. AJOG Global Reports, 2022, 2, 100040.	0.4	3
50	OC07.05: Incidence and clinical implications of unintended septostomy after fetoscopic laser therapy for twin-twin transfusion syndrome. Ultrasound in Obstetrics and Gynecology, 2010, 36, 14-14.	0.9	2
51	OP06.07: Cardiac function assessed by myocardial performance index fails to distinguish clear patterns between twin-twin transfusion syndrome and selective intrauterine growth restriction. Ultrasound in Obstetrics and Gynecology, 2010, 36, 69-69.	0.9	2
52	P24.02: Reproducibility of fetal renal blood perfusion as measured by fractional moving blood volume using power Doppler ultrasound. Ultrasound in Obstetrics and Gynecology, 2010, 36, 259-259.	0.9	2
53	OC15.05: Fetal intrapulmonary Doppler predicts severe neonatal pulmonary hypertension in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. Ultrasound in Obstetrics and Gynecology, 2011, 38, 29-29.	0.9	2
54	Fetoscopic urethral meatotomy in fetuses with lower urinary tract obstruction by congenital megalourethra. Prenatal Diagnosis, 2021, 41, 772-777.	1.1	2

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55	Preoperative Cervical Length Predicts the Risk of Delivery within One Week after Pleuroamniotic Shunt in Fetuses with Severe Hydrothorax. Fetal Diagnosis and Therapy, 2021, 48, 297-303.	0.6	2
56	Outcomes of late open fetal surgery for intrauterine spina bifida repair after 26Âweeks. Should we extend the Management of Myelomeningocele Study time window?. Prenatal Diagnosis, 2022, 42, 495-501.	1.1	2
57	OC29.07: Longitudinal changes in cerebral blood perfusion in full-term small-for-gestational-age fetuses. Ultrasound in Obstetrics and Gynecology, 2009, 34, 57-57.	0.9	1
58	OC22.02: Combination of the aortic isthmus with ductus venosus improves the prediction of neurological damage in early-onset intrauterine growth restricted fetuses. Ultrasound in Obstetrics and Gynecology, 2010, 36, 40-40.	0.9	1
59	OC15.03: Changes in cardiac tissue Doppler imaging in fetuses with congenital diaphragmatic hernia and association with the risk of severe neonatal pulmonary hypertension. Ultrasound in Obstetrics and Gynecology, 2011, 38, 28-28.	0.9	1
60	Incidence and outcome of fetuses with severe hydrothorax and ductus venosus agenesis treated with thoracoamniotic shunt. Ultrasound in Obstetrics and Gynecology, 2021, 58, 487-488.	0.9	1
61	Management of atypical cases of twin-to-twin transfusion syndrome. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2022, 84, 155-165.	1.4	1
62	OC02.07: Association between frontal tissue perfusion and neonatal neurobehavior in full-term small-for-gestational-age fetuses. Ultrasound in Obstetrics and Gynecology, 2009, 34, 4-4.	0.9	0
63	OC24.02: Lung tissue blood perfusion changes induced by in utero tracheal occlusion in a rabbit model of congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2009, 34, 45-46.	0.9	0
64	P12.01: Learning curve for the lung area to head circumference ratio measurement in fetuses with congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2009, 34, 224-224.	0.9	0
65	OC03.07: Prediction of emergency cesarean section for fetal distress after labor induction in term small-for-gestational-age fetuses with Doppler signs of brain sparing. Ultrasound in Obstetrics and Gynecology, 2010, 36, 6-6.	0.9	0
66	OC07.02: Fetoscopic laser surgery for twin-twin transfusion syndrome after 26 weeks of gestation. Ultrasound in Obstetrics and Gynecology, 2010, 36, 13-13.	0.9	0
67	OC15.05: Results of cord coagulation and section with laser in a clinical series of 17 monoamniotic pregnancies as compared with conventional cord occlusion. Ultrasound in Obstetrics and Gynecology, 2010, 36, 30-30.	0.9	0
68	OC20.02: Evaluation of intrapulmonary Doppler in prediction of morbidity in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. Ultrasound in Obstetrics and Gynecology, 2010, 36, 37-37.	0.9	0
69	OC22.01: Neurobehavioral outcome of early-onset growth restricted fetuses with and without brain sparing. Ultrasound in Obstetrics and Gynecology, 2010, 36, 40-40.	0.9	0
70	OP01.01: Association between lung and cerebral blood perfusion with the degree of placental insufficiency in early-onset intrauterine growth restricted fetuses. Ultrasound in Obstetrics and Gynecology, 2010, 36, 52-52.	0.9	0
71	OP01.05: Sequence of changes in myocardial performance index, aortic isthmus, and ductus venosus Doppler in early-onset intrauterine growth restricted fetuses. Ultrasound in Obstetrics and Gynecology, 2010, 36, 53-53.	0.9	0
72	OP01.06: Cardiovascular parameters in the prediction of mortality in early-onset intrauterine growth restriction. Ultrasound in Obstetrics and Gynecology, 2010, 36, 53-53.	0.9	0

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73	OP29.05: Renal blood perfusion measured by fractional moving blood volume and spectral Doppler pulsatility index in fetuses with intrauterine growth restriction. Ultrasound in Obstetrics and Gynecology, 2010, 36, 137-137.	0.9	0
74	P24.01: Learning curve for Doppler calculation of fetal modified myocardial performance index. Ultrasound in Obstetrics and Gynecology, 2010, 36, 259-259.	0.9	0
75	OC12.03: Aortic isthmus reversed blood flow increases the risk of emergency cesarean delivery for non-reassuring fetal status in late-onset intrauterine growth restricted fetuses with normal umbilical artery Doppler. Ultrasound in Obstetrics and Gynecology, 2011, 38, 22-23.	0.9	0
76	OC18.05: Neurodevelopmental outcome at 24-months of full-term small-for-gestational age infants with normal placental function. Ultrasound in Obstetrics and Gynecology, 2011, 38, 34-34.	0.9	0
77	OC22.03: Longitudinal changes in intrapulmonary artery Doppler during pregnancy in fetuses with congenital diaphragmatic hernia and impact of fetoscopic tracheal occlusion. Ultrasound in Obstetrics and Gynecology, 2011, 38, 41-41.	0.9	0
78	OP01.09: Brain perfusion changes in fetuses with congenital heart defects as measured by spectral Doppler indices and fractional moving blood volume. Ultrasound in Obstetrics and Gynecology, 2011, 38, 58-58.	0.9	0
79	OP20.01: Estimated fetal weight percentile predicts perinatal outcome in term, small-for-gestational-age fetuses with normal umbilical, uterine, and brain Doppler. Ultrasound in Obstetrics and Gynecology, 2011, 38, 113-113.	0.9	0
80	OP20.02: Utility of uterine artery Doppler, alone or in combination with brain Doppler, in the prediction of adverse perinatal outcome in term small-for-gestational-age fetuses. Ultrasound in Obstetrics and Gynecology, 2011, 38, 113-113.	0.9	0
81	OP36.02: Correlation between cerebral blood perfusion by fractional moving blood volume and the degree of fetal anemia in maternal red-cell alloimmunization. Ultrasound in Obstetrics and Gynecology, 2011, 38, 159-159.	0.9	0
82	Re: Influence of parity on fetal hemodynamics and amniotic fluid volume at term. T. Prior, E. Mullins, P. Bennett and S. Kumar. Ultrasound Obstet Gynecol 2014; 44: 688-692. Ultrasound in Obstetrics and Gynecology, 2014, 44, 631-631.	0.9	0
83	Reply. Ultrasound in Obstetrics and Gynecology, 2017, 49, 811-811.	0.9	0
84	Bronchopulmonary Sequestration. , 2018, , 16-19.e1.		0
85	Vaginal azygos artery: commonly unrecognized finding during transvaginal ultrasound in pregnancy. Ultrasound in Obstetrics and Gynecology, 2021, 57, 843-844.	0.9	0
86	Single Uterine Access for Bilateral Pleuroamniotic Shunting in Fetuses with Severe Hydrothorax by an Internal Rotational Maneuver: Feasibility and Outcomes between Successful and Failed Procedures. Fetal Diagnosis and Therapy, 2021, 48, 209-216.	0.6	0
87	Are pregnancies with severe fetal hydrothorax and very short cervix candidates for pleuroamniotic shunting?. Ultrasound in Obstetrics and Gynecology, 2021, 58, 783-784.	0.9	0
88	Early release of amniotic bands using a 1.0-mm fetoscope. American Journal of Obstetrics and Gynecology, 2021, 224, 620-621.	0.7	0
89	Reversed blood flow at the superior sagittal sinus in hydrops fetalis. Ultrasound in Obstetrics and Gynecology, 2021, 58, 949-950.	0.9	0
90	Brain Doppler abnormalities in fetuses with open spina bifida. Journal of Maternal-Fetal and Neonatal Medicine, 2021, , 1-6.	0.7	0

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91	Prediction of neonatal survival according to lungâ€toâ€head ratio in fetuses with right congenital diaphragmatic hernia (CDH): A multicentre study from the Latin American CDH Study Group registry. Prenatal Diagnosis, 2021, , .	1.1	0
92	Reply: Potential effect of maternal anesthesia on fetal hemodynamic parameters. Ultrasound in Obstetrics and Gynecology, 2022, 59, 131-132.	0.9	0