

Rogelio Cruz-Martnez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

1,382

citations

21

h-index

37

g-index

94

ext. papers

1,599

ext. citations

4.6

avg, IF

4.19

L-index

#	Paper	IF	Citations
86	Twin-to-twin transfusion syndrome and coronavirus disease 2019: Impact on diagnosis, referral, eligibility for fetoscopic laser therapy and outcomes.. <i>AJOG Global Reports</i> , 2022 , 2, 100040		0
85	Reply: Potential effect of maternal anesthesia on fetal hemodynamic parameters.. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022 , 59, 131-132	5.8	
84	Incidence and survival of MCDA twin pregnancies with TTTS presenting without amniotic fluid discordance due to spontaneous septostomy and treated with fetoscopy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 488-489	5.8	1
83	Incidence and outcome of fetuses with severe hydrothorax and ductus venosus agenesis treated with thoracoamniotic shunt. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 487-488	5.8	
82	Doppler changes in umbilical artery, middle cerebral artery, cerebroplacental ratio and ductus venosus during open fetal microneurosurgery for intrauterine open spina bifida repair. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 238-244	5.8	4
81	Fetoscopic urethral meatotomy in fetuses with lower urinary tract obstruction by congenital megalourethra. <i>Prenatal Diagnosis</i> , 2021 , 41, 772-777	3.2	0
80	Are pregnancies with severe fetal hydrothorax and very short cervix candidates for pleuroamniotic shunting?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 783-784	5.8	
79	Early release of amniotic bands using a 1.0-mm fetoscope. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 224, 620-621	6.4	
78	Reversed blood flow in the superior sagittal sinus in hydrops fetalis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 949-950	5.8	
77	Open intrauterine repair of spina bifida aperta: Historical aspects, current availability, and clinical outcomes from the Latin American Spina Bifida Consortium. <i>Prenatal Diagnosis</i> , 2021 , 41, 933-941	3.2	2
76	Vaginal azygos artery: commonly unrecognized finding during transvaginal ultrasound in pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 57, 843-844	5.8	
75	Prenatal diagnosis of congenital heart defects: experience of the first Fetal Cardiology Unit in Mexico. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 1529-1534	2	1
74	Open Fetal Microneurosurgery for Intrauterine Spina Bifida Repair. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 163-173	2.4	6
73	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. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 209-216	2.4	
72	Brain Doppler abnormalities in fetuses with open spina bifida. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 1-6	2	
71	Preoperative Cervical Length Predicts the Risk of Delivery within One Week after Pleuroamniotic Shunt in Fetuses with Severe Hydrothorax. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 297-303	2.4	2
70	Survival outcome in severe left-sided congenital diaphragmatic hernia with and without fetal endoscopic tracheal occlusion in a country with suboptimal neonatal management. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 56, 516-521	5.8	3

69	Prenatal diagnosis of laryngo-tracheo-esophageal anomalies in fetuses with congenital diaphragmatic hernia by ultrasound evaluation of the vocal cords and fetal laryngoesophagoscopy. <i>Prenatal Diagnosis</i> , 2020 , 40, 1540-1546	3.2	2
68	Quality assessment of fetal middle cerebral and umbilical artery Doppler images using an objective scale within an international randomized controlled trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 56, 182-186	5.8	1
67	Outcomes of hypoplastic left heart syndrome and fetal aortic valvuloplasty in a country with suboptimal postnatal management. <i>Prenatal Diagnosis</i> , 2019 , 39, 563-570	3.2	2
66	A multicentre study to predict neonatal survival according to lung-to-head ratio and liver herniation in fetuses with left congenital diaphragmatic hernia (CDH): Hidden mortality from the Latin American CDH Study Group Registry. <i>Prenatal Diagnosis</i> , 2019 , 39, 519-526	3.2	3
65	Longitudinal changes in lung size and intrapulmonary-artery Doppler during the second half of pregnancy in fetuses with congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2019 , 39, 45-51	3.2	5
64	Characterizing cardiac dysfunction in fetuses with left congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2018 , 38, 422-427	3.2	6
63	Visual evoked potentials are similar in polysomnographically defined quiet and active sleep in healthy newborns. <i>International Journal of Developmental Neuroscience</i> , 2018 , 68, 26-34	2.7	2
62	Bronchopulmonary Sequestration 2018 , 16-19.e1		
61	Reply. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 811	5.8	
60	Revealed versus concealed criteria for placental insufficiency in an unselected obstetric population in late pregnancy (RATIO37): randomised controlled trial study protocol. <i>BMJ Open</i> , 2017 , 7, e014835	3	19
59	Fetal laser ablation of feeding artery of cystic lung lesions with systemic arterial blood supply. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 744-750	5.8	11
58	Learning Curve for Intrapulmonary Artery Doppler in Fetuses with Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2016 , 39, 256-60	2.4	7
57	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. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 452-9	5.8	17
56	Clinical utility of third-trimester uterine artery Doppler in the prediction of brain hemodynamic deterioration and adverse perinatal outcome in small-for-gestational-age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 273-8	5.8	38
55	Fetal laser surgery prevents fetal death and avoids the need for neonatal sequestrectomy in cases with bronchopulmonary sequestration. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 627-8	5.8	11
54	Fetal Endoscopic Tracheal Intubation: A New Fetoscopic Procedure to Ensure Extrauterine Tracheal Permeability in a Case with Congenital Cervical Teratoma. <i>Fetal Diagnosis and Therapy</i> , 2015 , 38, 154-8	2.4	23
53	Re: influence of parity on fetal hemodynamics and amniotic fluid volume at term. T. Prior, E. Mullins, P. Bennett and S. Kumar. <i>Ultrasound Obstet Gynecol</i> 2014; 44: 688-692. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 631	5.8	
52	Usefulness of lung-to-head ratio and intrapulmonary arterial Doppler in predicting neonatal morbidity in fetuses with congenital diaphragmatic hernia treated with fetoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 41, 59-65	5.8	16

51	Neurodevelopmental outcome of full-term small-for-gestational-age infants with normal placental function. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 201-6	5.8	85
50	Normal reference ranges from 11 to 41 weeksSgestation of fetal left modified myocardial performance index by conventional Doppler with the use of stringent criteria for delimitation of the time periods. <i>Fetal Diagnosis and Therapy</i> , 2012 , 32, 79-86	2.4	69
49	Can anomalies of fetal brain circulation be useful in the management of growth restricted fetuses?. <i>Prenatal Diagnosis</i> , 2012 , 32, 103-12	3.2	39
48	Evaluation of conventional Doppler fetal cardiac function parameters: E/A ratios, outflow tracts, and myocardial performance index. <i>Fetal Diagnosis and Therapy</i> , 2012 , 32, 22-9	2.4	95
47	Prognostic value of pulmonary Doppler to predict response to tracheal occlusion in fetuses with congenital diaphragmatic hernia. <i>Fetal Diagnosis and Therapy</i> , 2011 , 29, 18-24	2.4	21
46	Normal reference ranges of fetal regional cerebral blood perfusion as measured by fractional moving blood volume. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 196-201	5.8	19
45	Longitudinal changes in uterine, umbilical and fetal cerebral Doppler indices in late-onset small-for-gestational age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 191-5	5.8	150
44	Learning curve for Doppler measurement of fetal modified myocardial performance index. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 158-62	5.8	28
43	Sequence of changes in myocardial performance index in relation to aortic isthmus and ductus venosus Doppler in fetuses with early-onset intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 179-84	5.8	56
42	Incidence and clinical implications of early inadvertent septostomy after laser therapy for twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 458-62	5.8	33
41	Changes in myocardial performance index and aortic isthmus and ductus venosus Doppler in term, small-for-gestational age fetuses with normal umbilical artery pulsatility index. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 400-5	5.8	58
40	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. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 22-23	5.8	
39	OC15.03: Changes in cardiac tissue Doppler imaging in fetuses with congenital diaphragmatic hernia and association with the risk of severe neonatal pulmonary hypertension. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 28-28	5.8	1
38	OC15.05: Fetal intrapulmonary Doppler predicts severe neonatal pulmonary hypertension in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 29-29	5.8	2
37	OC18.05: Neurodevelopmental outcome at 24-months of full-term small-for-gestational age infants with normal placental function. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 34-34	5.8	
36	OC22.03: Longitudinal changes in intrapulmonary artery Doppler during pregnancy in fetuses with congenital diaphragmatic hernia and impact of fetoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 41-41	5.8	
35	OP01.09: Brain perfusion changes in fetuses with congenital heart defects as measured by spectral Doppler indices and fractional moving blood volume. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 58-58	5.8	
34	OP20.01: Estimated fetal weight percentile predicts perinatal outcome in term, small-for-gestational-age fetuses with normal umbilical, uterine, and brain Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 113-113	5.8	

33	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. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 113-113	5.8	
32	OP36.02: Correlation between cerebral blood perfusion by fractional moving blood volume and the degree of fetal anemia in maternal red-cell alloimmunization. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 159-159	5.8	
31	Changes in lung tissue perfusion in the prediction of survival in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. <i>Fetal Diagnosis and Therapy</i> , 2011 , 29, 101-7	2.4	20
30	Fetal brain Doppler to predict cesarean delivery for nonreassuring fetal status in term small-for-gestational-age fetuses. <i>Obstetrics and Gynecology</i> , 2011 , 117, 618-626	4.9	164
29	Learning curve for lung area to head circumference ratio measurement in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 32-6	5.8	42
28	Middle versus anterior cerebral artery Doppler for the prediction of perinatal outcome and neonatal neurobehavior in term small-for-gestational-age fetuses with normal umbilical artery Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 35, 456-61	5.8	64
27	Lung tissue perfusion in congenital diaphragmatic hernia and association with the lung-to-head ratio and intrapulmonary artery pulsed Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 35, 578-82	5.8	26
26	Contribution of intrapulmonary artery Doppler to improve prediction of survival in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 35, 572-7	5.8	29
25	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. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 6-6	5.8	
24	OC07.02: Fetoscopic laser surgery for twin-twin transfusion syndrome after 26 weeks of gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 13-13	5.8	
23	OC07.05: Incidence and clinical implications of unintended septostomy after fetoscopic laser therapy for twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 14-14	5.8	
22	OC15.05: Results of cord coagulation and section with laser in a clinical series of 17 monoamniotic pregnancies as compared with conventional cord occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 30-30	5.8	
21	OC20.02: Evaluation of intrapulmonary Doppler in prediction of morbidity in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 37-37	5.8	
20	OC22.01: Neurobehavioral outcome of early-onset growth restricted fetuses with and without brain sparing. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 40-40	5.8	
19	OC22.02: Combination of the aortic isthmus with ductus venosus improves the prediction of neurological damage in early-onset intrauterine growth restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 40-40	5.8	1
18	OP01.01: Association between lung and cerebral blood perfusion with the degree of placental insufficiency in early-onset intrauterine growth restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 52-52	5.8	
17	OP01.05: Sequence of changes in myocardial performance index, aortic isthmus, and ductus venosus Doppler in early-onset intrauterine growth restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 53-53	5.8	
16	OP01.06: Cardiovascular parameters in the prediction of mortality in early-onset intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 53-53	5.8	

15	OP06.07: Cardiac function assessed by myocardial performance index fails to distinguish clear patterns between twin-twin transfusion syndrome and selective intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 69-69	5.8	2
14	OP29.05: Renal blood perfusion measured by fractional moving blood volume and spectral Doppler pulsatility index in fetuses with intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 137-137	5.8	
13	P24.01: Learning curve for Doppler calculation of fetal modified myocardial performance index. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 259-259	5.8	
12	P24.02: Reproducibility of fetal renal blood perfusion as measured by fractional moving blood volume using power Doppler ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 259-259	5.8	1
11	Longitudinal brain perfusion changes in near-term small-for-gestational-age fetuses as measured by spectral Doppler indices or by fractional moving blood volume. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 203, 42.e1-6	6.4	32
10	Targeted array comparative genomic hybridisation (array CGH) identifies genomic imbalances associated with isolated congenital diaphragmatic hernia (CDH). <i>Prenatal Diagnosis</i> , 2010 , 30, 1198-206	3.2	37
9	Lung tissue blood perfusion changes induced by in utero tracheal occlusion in a rabbit model of congenital diaphragmatic hernia. <i>Fetal Diagnosis and Therapy</i> , 2009 , 26, 137-42	2.4	15
8	The role of Doppler and placental screening. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2009 , 23, 845-55	4.6	26
7	Cerebral blood perfusion and neurobehavioral performance in full-term small-for-gestational-age fetuses. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 201, 474.e1-7	6.4	83
6	OC02.01: Association of lung perfusion with the lung to head ratio and intrapulmonary pulsed Doppler in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 2-3	5.8	
5	OC02.07: Association between frontal tissue perfusion and neonatal neurobehavior in full-term small-for-gestational-age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 4-4	5.8	
4	OC24.02: Lung tissue blood perfusion changes induced by in utero tracheal occlusion in a rabbit model of congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 45-46	5.8	
3	OC29.07: Longitudinal changes in cerebral blood perfusion in full-term small-for-gestational-age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 57-57	5.8	1
2	OP22.02: Contribution of pulmonary Doppler to improve prediction of survival in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 132-132	5.8	
1	P12.01: Learning curve for the lung area to head circumference ratio measurement in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 224-224	5.8	