

F Crispi

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.

157
papers

5,112
citations

43
h-index

67
g-index

261
ext. papers

6,109
ext. citations

5.1
avg, IF

5.63
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 157 | Autophagy is Involved in Cardiac Remodeling in Response to Environmental Temperature Change.. <i>Frontiers in Physiology</i> , 2022 , 13, 864427 | 4.6 | |
| 156 | Reference ranges for fetal cardiac, ventricular and atrial relative size, sphericity, ventricular dominance, wall asymmetry and relative wall thickness from 18 to 41 gestational weeks. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 388-397 | 5.8 | 6 |
| 155 | Strategies for intra-amniotic administration of fetal therapy in a rabbit model of intrauterine growth restriction. <i>Experimental Biology and Medicine</i> , 2021 , 246, 1668-1679 | 3.7 | 1 |
| 154 | Diffuse trophoblast damage is the hallmark of SARS-CoV-2-associated fetal demise. <i>Modern Pathology</i> , 2021 , 34, 1704-1709 | 9.8 | 21 |
| 153 | Reliability and Concurrent and Construct Validity of a Food Frequency Questionnaire for Pregnant Women at High Risk to Develop Fetal Growth Restriction. <i>Nutrients</i> , 2021 , 13, | 6.7 | 8 |
| 152 | Fetal neurosonography detects differences in cortical development and corpus callosum in late-onset small fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 42-47 | 5.8 | 3 |
| 151 | Cardiac remodeling in fetuses conceived by ARTs: fresh versus frozen embryo transfer. <i>Human Reproduction</i> , 2021 , 36, 2697-2708 | 5.7 | 3 |
| 150 | Added prognostic value of longitudinal changes of angiogenic factors in early-onset severe pre-eclampsia: a prospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021 , 128, 158-165 | 3.7 | 4 |
| 149 | Fetal cardiac filling and ejection time fractions by pulsed-wave Doppler: reference ranges and potential clinical application. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 83-91 | 5.8 | 4 |
| 148 | Rabbit neurospheres as a novel in vitro tool for studying neurodevelopmental effects induced by intrauterine growth restriction. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 209-221 | 6.9 | 4 |
| 147 | Cardiac Remodeling and Hypertension in HIV-Uninfected Infants Exposed in utero to Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021 , 73, 586-593 | 11.6 | 1 |
| 146 | Atrioventricular plane displacement versus mitral and tricuspid annular plane systolic excursion: A comparison between cardiac magnetic resonance and M-mode echocardiography. <i>Clinical Physiology and Functional Imaging</i> , 2021 , 41, 262-270 | 2.4 | 2 |
| 145 | Meteorin-like/Meteorin- β protects heart against cardiac dysfunction. <i>Journal of Experimental Medicine</i> , 2021 , 218, | 16.6 | 4 |
| 144 | Impact of Severe Acute Respiratory Syndrome Coronavirus 2 Infection on Pregnancy Outcomes: A Population-based Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, 1768-1775 | 11.6 | 31 |
| 143 | Agreement between commercially available ELISA and in-house Luminex SARS-CoV-2 antibody immunoassays. <i>Scientific Reports</i> , 2021 , 11, 18984 | 4.9 | 3 |
| 142 | Three-dimensional regional bi-ventricular shape remodeling is associated with exercise capacity in endurance athletes. <i>European Journal of Applied Physiology</i> , 2020 , 120, 1227-1235 | 3.4 | 5 |
| 141 | Sources of heterogeneity when studying the cardiovascular effects of fetal growth restriction: an overview of the issues. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-7 | 2 | 1 |

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| 140 | Determination of the steroid profile in alternative matrices by liquid chromatography tandem mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 197, 105520 | 5.1 | 16 |
| 139 | Early cardiac remodeling in aortic coarctation: insights from fetal and neonatal functional and structural assessment. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 56, 837-849 | 5.8 | 4 |
| 138 | Machine Learning in Fetal Cardiology: What to Expect. <i>Fetal Diagnosis and Therapy</i> , 2020 , 47, 363-372 | 2.4 | 20 |
| 137 | Nomograms of Fetal Right Ventricular Fractional Area Change by 2D Echocardiography. <i>Fetal Diagnosis and Therapy</i> , 2020 , 47, 399-410 | 2.4 | 1 |
| 136 | Prescriptive Reference Standards of Third-Trimester Cerebroplacental Ratio and Its Physiological Determinants. <i>Fetal Diagnosis and Therapy</i> , 2020 , 1-8 | 2.4 | |
| 135 | Seroprevalence and presentation of SARS-CoV-2 in pregnancy. <i>Lancet, The</i> , 2020 , 396, 530-531 | 4.0 | 41 |
| 134 | Prevalence and pattern of cardiovascular magnetic resonance late gadolinium enhancement in highly trained endurance athletes. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 62 | 6.9 | 22 |
| 133 | Nomograms of Fetal Cardiac Dimensions at 18-41 Weeks of Gestation. <i>Fetal Diagnosis and Therapy</i> , 2020 , 47, 387-398 | 2.4 | 18 |
| 132 | Main Patterns of Fetal Cardiac Remodeling. <i>Fetal Diagnosis and Therapy</i> , 2020 , 47, 337-344 | 2.4 | 14 |
| 131 | Multicenter prospective clinical study to evaluate children short-term neurodevelopmental outcome in congenital heart disease (children NEURO-HEART): study protocol. <i>BMC Pediatrics</i> , 2019 , 19, 326 | 2.6 | 1 |
| 130 | Distinctive patterns of placental lesions in pre-eclampsia vs small-for-gestational age and their association with fetoplacental Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 54, 609-616 | 5.8 | 25 |
| 129 | Cardiac and mitochondrial function in HIV-uninfected fetuses exposed to antiretroviral treatment. <i>PLoS ONE</i> , 2019 , 14, e0213279 | 3.7 | 9 |
| 128 | Premature placental aging in term small-for-gestational-age and growth-restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 615-622 | 5.8 | 32 |
| 127 | Structural coronary artery remodelling in the rabbit fetus as a result of intrauterine growth restriction. <i>PLoS ONE</i> , 2019 , 14, e0218192 | 3.7 | 3 |
| 126 | Complement Activation and Thrombotic Microangiopathies. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019 , 14, 1719-1732 | 6.9 | 26 |
| 125 | Early diagnosis of gestational diabetes mellitus using circulating microRNAs. <i>European Journal of Endocrinology</i> , 2019 , 181, 565-577 | 6.5 | 45 |
| 124 | Transgenerational transmission of small-for-gestational age. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 623-629 | 5.8 | 6 |
| 123 | Postnatal persistence of fetal cardiovascular remodelling associated with assisted reproductive technologies: a cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019 , 126, 291-298 | 3.7 | 19 |

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| 122 | Cardiac and placental mitochondrial characterization in a rabbit model of intrauterine growth restriction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 1157-1167 | 4 | 10 |
| 121 | Biventricular impact of mild to moderate fetal pulmonary valve stenosis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 51, 349-356 | 5.8 | 12 |
| 120 | Fetal cardiac remodeling in twin pregnancy conceived by assisted reproductive technology. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 51, 94-100 | 5.8 | 8 |
| 119 | 3082Myocardial late gadolinium enhancement and T1 mapping in highly trained endurance athletes. <i>European Heart Journal</i> , 2018 , 39, | 9.5 | 1 |
| 118 | Longitudinal changes in fetal biometry and cerebroplacental hemodynamics in fetuses with congenital heart disease. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 379-386 | 5.8 | 28 |
| 117 | Changes in uterine artery Doppler velocimetry and circulating angiogenic factors in the first half of pregnancies delivering a small-for-gestational-age neonate. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 357-363 | 5.8 | 16 |
| 116 | Prediction of delivery of small-for-gestational-age neonates and adverse perinatal outcome by fetoplacental Doppler at 37 weeks' gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 364-371 | 5.8 | 39 |
| 115 | Differential performance of first-trimester screening in predicting small-for-gestational-age neonate or fetal growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 349-356 | 5.8 | 29 |
| 114 | Re: Myocardial deformation in fetuses with coarctation of the aorta: a case-control study. J. O. Miranda, L. Hunter, S. Tibby, G. Sharland, O. Miller and J. M. Simpson. <i>Ultrasound Obstet Gynecol</i> 2017; 49: 623-629. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 565 | 5.8 | 1 |
| 113 | Prediction of fetal growth restriction using estimated fetal weight vs a combined screening model in the third trimester. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 603-611 | 5.8 | 28 |
| 112 | Clinician performed ultrasound in fetal growth restriction: fetal, neonatal and pediatric aspects. <i>Journal of Perinatology</i> , 2017 , 37, 1251-1258 | 3.1 | 3 |
| 111 | Experimentally induced intrauterine growth restriction in rabbits leads to differential remodelling of left versus right ventricular myocardial microstructure. <i>Histochemistry and Cell Biology</i> , 2017 , 148, 557-567 | 2.4 | 17 |
| 110 | Descriptive analysis of different phenotypes of cardiac remodeling in fetal growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 207-214 | 5.8 | 42 |
| 109 | Performance of third-trimester combined screening model for prediction of adverse perinatal outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 353-360 | 5.8 | 21 |
| 108 | Differential effect of assisted reproductive technology and small-for-gestational age on fetal cardiac remodeling. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 63-70 | 5.8 | 11 |
| 107 | Accuracy of Fetal Echocardiography in the Differential Diagnosis between Truncus Arteriosus and Pulmonary Atresia with Ventricular Septal Defect. <i>Fetal Diagnosis and Therapy</i> , 2016 , 39, 90-9 | 2.4 | 19 |
| 106 | Comparison of Two Different Ultrasound Systems for the Evaluation of Tissue Doppler Velocities in Fetuses. <i>Fetal Diagnosis and Therapy</i> , 2016 , 40, 35-40 | 2.4 | 4 |
| 105 | Severity of Fetal Brain Abnormalities in Congenital Heart Disease in Relation to the Main Expected Pattern of in utero Brain Blood Supply. <i>Fetal Diagnosis and Therapy</i> , 2016 , 39, 269-78 | 2.4 | 35 |

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| 104 | Evaluation of an automated fetal myocardial performance index. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 496-503 | 5.8 | 8 |
| 103 | Mid-gestation brain Doppler and head biometry in fetuses with congenital heart disease predict abnormal brain development at birth. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 47, 65-73 | 5.8 | 52 |
| 102 | First-trimester screening with specific algorithms for early- and late-onset fetal growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 340-8 | 5.8 | 53 |
| 101 | Human fetal growth restriction: a cardiovascular journey through to adolescence. <i>Journal of Developmental Origins of Health and Disease</i> , 2016 , 7, 626-635 | 2.4 | 26 |
| 100 | Fetal cardiovascular remodeling persists at 6 months in infants with intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 349-56 | 5.8 | 64 |
| 99 | Update on the pathophysiological implications and clinical role of angiogenic factors in pregnancy. <i>Fetal Diagnosis and Therapy</i> , 2015 , 37, 81-92 | 2.4 | 47 |
| 98 | Maternal subclinical vascular changes in fetal growth restriction with and without pre-eclampsia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 706-12 | 5.8 | 12 |
| 97 | The (Pulsed-Wave) Doppler Fetal Myocardial Performance Index: Technical Challenges, Clinical Applications and Future Research. <i>Fetal Diagnosis and Therapy</i> , 2015 , 38, 1-13 | 2.4 | 29 |
| 96 | Patient-specific estimates of vascular and placental properties in growth-restricted fetuses based on a model of the fetal circulation. <i>Placenta</i> , 2015 , 36, 981-9 | 3.4 | 9 |
| 95 | 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 |
| 94 | Successful Fetoscopic Surgery to Release a Complete Obstruction of the Urethral Meatus in a Case of Congenital Megalourethra. <i>Fetal Diagnosis and Therapy</i> , 2015 , 38, 77-80 | 2.4 | 4 |
| 93 | First trimester screening for early and late preeclampsia based on maternal characteristics, biophysical parameters, and angiogenic factors. <i>Prenatal Diagnosis</i> , 2015 , 35, 183-91 | 3.2 | 80 |
| 92 | Fetal cardiac function in late-onset intrauterine growth restriction vs small-for-gestational age, as defined by estimated fetal weight, cerebroplacental ratio and uterine artery Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 465-71 | 5.8 | 63 |
| 91 | Longitudinal annular displacement by M-mode (MAPSE and TAPSE) in twin-to-twin transfusion syndrome before and after laser surgery. <i>Prenatal Diagnosis</i> , 2015 , 35, 1197-201 | 3.2 | 9 |
| 90 | Further insights into diastolic dysfunction in first-trimester trisomy-21 fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 205-10 | 5.8 | 1 |
| 89 | Forms of Circulating Luteinizing Hormone Human Chorionic Gonadotropin Receptor for the Prediction of Early and Late Preeclampsia in the First Trimester of Pregnancy. <i>Fetal Diagnosis and Therapy</i> , 2015 , 38, 94-102 | 2.4 | 4 |
| 88 | Assessment of Myofiber Orientation in High Resolution Phase-Contrast CT Images. <i>Lecture Notes in Computer Science</i> , 2015 , 111-119 | 0.9 | 6 |
| 87 | Evidence of second-trimester changes in head biometry and brain perfusion in fetuses with congenital heart disease. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 182-7 | 5.8 | 58 |

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| 86 | Cardiac dysfunction is associated with altered sarcomere ultrastructure in intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 210, 550.e1-7 | 6.4 | 33 |
| 85 | Reply: To PMID 23280816. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 109 | 5.8 | |
| 84 | Isolated ventricular septal defects in the era of advanced fetal echocardiography: risk of chromosomal anomalies and spontaneous closure rate from diagnosis to age of 1 year. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 65-71 | 5.8 | 37 |
| 83 | Prognostic role of maternal neutrophil gelatinase-associated lipocalin in women with severe early-onset preeclampsia. <i>Fetal Diagnosis and Therapy</i> , 2014 , 35, 127-32 | 2.4 | 10 |
| 82 | A computational model of the fetal circulation to quantify blood redistribution in intrauterine growth restriction. <i>PLoS Computational Biology</i> , 2014 , 10, e1003667 | 5 | 33 |
| 81 | Response to letter regarding article, "dysregulation of hydrogen sulfide (H ₂ S) producing enzyme cystathionine β -lyase (CSE) contributes to maternal hypertension and placental abnormalities in preeclampsia". <i>Circulation</i> , 2014 , 129, e517-8 | 16.7 | 4 |
| 80 | P774Detailed assessment of cardiac anatomy, myofiber structure and vasculature of rodent hearts using X-ray phase-contrast synchrotron radiation-based micro-CT. <i>Cardiovascular Research</i> , 2014 , 103, S142.2-S142 | 9.9 | |
| 79 | First-trimester screening for early and late small-for-gestational-age neonates using maternal serum biochemistry, blood pressure and uterine artery Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 34-40 | 5.8 | 47 |
| 78 | Angiogenic factors vs Doppler surveillance in the prediction of adverse outcome among late-pregnancy small-for-gestational-age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 533-40 | 5.8 | 46 |
| 77 | Aortic and carotid intima-media thickness in term small-for-gestational-age newborns and relationship with prenatal signs of severity. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 625-31 | 5.8 | 31 |
| 76 | Influence of equipment and settings on myocardial performance index repeatability and definition of settings to achieve optimal reproducibility. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 632-9 | 5.8 | 27 |
| 75 | Added value of angiogenic factors for the prediction of early and late preeclampsia in the first trimester of pregnancy. <i>Fetal Diagnosis and Therapy</i> , 2014 , 35, 258-66 | 2.4 | 29 |
| 74 | Levels of maternal serum angiogenic factors in third-trimester normal pregnancies: reference ranges, influence of maternal and pregnancy factors and fetoplacental Doppler indices. <i>Fetal Diagnosis and Therapy</i> , 2014 , 36, 38-43 | 2.4 | 7 |
| 73 | Long-term follow-up of intrauterine growth restriction: cardiovascular disorders. <i>Fetal Diagnosis and Therapy</i> , 2014 , 36, 143-53 | 2.4 | 74 |
| 72 | A fetal cardiovascular score to predict infant hypertension and arterial remodeling in intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 210, 552.e1-552.e22 | 6.4 | 55 |
| 71 | Permanent cardiac sarcomere changes in a rabbit model of intrauterine growth restriction. <i>PLoS ONE</i> , 2014 , 9, e113067 | 3.7 | 18 |
| 70 | Intrauterine growth restriction is associated with cardiac ultrastructural and gene expression changes related to the energetic metabolism in a rabbit model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H1752-60 | 5.2 | 20 |
| 69 | Patterns of maternal vascular remodeling and responsiveness in early- versus late-onset preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 209, 558.e1-558.e14 | 6.4 | 40 |

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| 68 | Performance of a first-trimester screening of preeclampsia in a routine care low-risk setting. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 208, 203.e1-203.e10 | 6.4 | 88 |
| 67 | Assisted reproductive technologies are associated with cardiovascular remodeling in utero that persists postnatally. <i>Circulation</i> , 2013 , 128, 1442-50 | 16.7 | 103 |
| 66 | Dysregulation of hydrogen sulfide producing enzyme cystathionine β -lyase contributes to maternal hypertension and placental abnormalities in preeclampsia. <i>Circulation</i> , 2013 , 127, 2514-22 | 16.7 | 195 |
| 65 | Decompression through tracheobronchial endoscopy of bronchial atresia presenting as massive pulmonary tumor: a new indication for fetoscopic surgery. <i>Fetal Diagnosis and Therapy</i> , 2013 , 33, 69-74 | 2.4 | 17 |
| 64 | Value of annular M-mode displacement vs tissue Doppler velocities to assess cardiac function in intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 175-81 | 5.8 | 54 |
| 63 | Metabolomic profile of umbilical cord blood plasma from early and late intrauterine growth restricted (IUGR) neonates with and without signs of brain vasodilation. <i>PLoS ONE</i> , 2013 , 8, e80121 | 3.7 | 48 |
| 62 | Understanding Prenatal Brain Sparing by Flow Redistribution Based on a Lumped Model of the Fetal Circulation. <i>Lecture Notes in Computer Science</i> , 2013 , 123-131 | 0.9 | 2 |
| 61 | Cardiac Microstructure Estimation from Multi-photon Confocal Microscopy Images. <i>Lecture Notes in Computer Science</i> , 2013 , 80-88 | 0.9 | 1 |
| 60 | Risk of perinatal death in early-onset intrauterine growth restriction according to gestational age and cardiovascular Doppler indices: a multicenter study. <i>Fetal Diagnosis and Therapy</i> , 2012 , 32, 116-22 | 2.4 | 58 |
| 59 | Cardiovascular programming in children born small for gestational age and relationship with prenatal signs of severity. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 207, 121.e1-9 | 6.4 | 107 |
| 58 | Loss of Akt activity increases circulating soluble endoglin release in preeclampsia: identification of inter-dependency between Akt-1 and heme oxygenase-1. <i>European Heart Journal</i> , 2012 , 33, 1150-8 | 9.5 | 46 |
| 57 | Normal reference ranges from 11 to 41 weeks' gestation 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 |
| 56 | Assessment of fetal cardiac function using tissue Doppler techniques. <i>Fetal Diagnosis and Therapy</i> , 2012 , 32, 30-8 | 2.4 | 60 |
| 55 | Fetal cardiac function: technical considerations and potential research and clinical applications. <i>Fetal Diagnosis and Therapy</i> , 2012 , 32, 47-64 | 2.4 | 86 |
| 54 | Myocardial motion and deformation: What does it tell us and how does it relate to function?. <i>Fetal Diagnosis and Therapy</i> , 2012 , 32, 5-16 | 2.4 | 55 |
| 53 | Impact on fetal mortality and cardiovascular Doppler of selective ligation of uteroplacental vessels compared with undernutrition in a rabbit model of intrauterine growth restriction. <i>Placenta</i> , 2011 , 32, 304-9 | 3.4 | 42 |
| 52 | Tissue Doppler echocardiographic markers of cardiac dysfunction in small-for-gestational age fetuses. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 205, 57.e1-6 | 6.4 | 76 |
| 51 | Differential effects of intrauterine growth restriction on brain structure and development in preterm infants: a magnetic resonance imaging study. <i>Brain Research</i> , 2011 , 1382, 98-108 | 3.7 | 118 |

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| 50 | Gestational age- and estimated fetal weight-adjusted reference ranges for myocardial tissue Doppler indices at 24-41 weeks' gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 57-64 | 5.8 | 68 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 | |
| 46 | OP30.02: Cardiac valve annular motion by M-mode and tissue Doppler for assessment of cardiac dysfunction in small-for-gestational-age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 142-143 | 5.8 | 43 |
| 45 | OP30.06: Feasibility of strain and strain-rate analysis of the fetal heart by tissue Doppler and 2D speckle tracking imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 143-144 | 5.8 | |
| 44 | Changes in central and peripheral circulation in intrauterine growth-restricted fetuses at different stages of umbilical artery flow deterioration: new fetal cardiac and brain parameters. <i>Gynecologic and Obstetric Investigation</i> , 2011 , 71, 274-80 | 2.5 | 44 |
| 43 | Fetal growth restriction results in remodeled and less efficient hearts in children. <i>Circulation</i> , 2010 , 121, 2427-36 | 16.7 | 289 |
| 42 | Prognostic role of uterine artery Doppler in patients with preeclampsia. <i>Fetal Diagnosis and Therapy</i> , 2010 , 27, 8-13 | 2.4 | 24 |
| 41 | The 'question mark' sign as a new ultrasound marker of tetralogy of Fallot in the fetus. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 556-60 | 5.8 | 8 |
| 40 | 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 | |
| 39 | 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 | |
| 38 | 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 |
| 37 | OC26.03: Bioinformatic analysis of genes regulating myocardiocyte contractile function in a rabbit model of cardiac dysfunction due to intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 46-47 | 5.8 | |
| 36 | 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 | |
| 35 | 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 | |
| 34 | 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 |
| 33 | OP36.07: Absence of ductus venosus (ADV): associated anomalies and heart failure in relation to the extra-or-intrahepatic umbilical venous drainage. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 157-157 | 5.8 | |

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| 32 | OP39.08: Ultrastructural analysis of the sarcomere in relation with cardiac dysfunction in a rabbit model of intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 166-166 | 5.8 | |
| 31 | The prognostic role of uterine artery Doppler investigation in patients with severe early-onset preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 202, 559.e1-4 | 6.4 | 19 |
| 30 | Usefulness of myocardial tissue Doppler vs conventional echocardiography in the evaluation of cardiac dysfunction in early-onset intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 203, 45.e1-7 | 6.4 | 95 |
| 29 | DIAGNOSIS AND MANAGEMENT OF SELECTIVE FETAL GROWTH RESTRICTION IN MONOCHORIONIC TWINS. <i>Fetal and Maternal Medicine Review</i> , 2009 , 20, 269-281 | | 1 |
| 28 | An experimental model of fetal growth restriction based on selective ligation of uteroplacental vessels in the pregnant rabbit. <i>Fetal Diagnosis and Therapy</i> , 2009 , 26, 203-11 | 2.4 | 41 |
| 27 | Monitoring of fetuses with intrauterine growth restriction: longitudinal changes in ductus venosus and aortic isthmus flow. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 39-43 | 5.8 | 55 |
| 26 | Three-dimensional sonographic calculation of the volume of intracranial structures in growth-restricted and appropriate-for-gestational age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 530-7 | 5.8 | 50 |
| 25 | OC02.02: Selective ligation of the uteroplacental vessels in pregnant rabbit is more suitable model of intrauterine growth restriction than hyponutrition. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 3-3 | 5.8 | |
| 24 | OC22.05: Perinatal outcome after laser treatment of recipient twins affected by right ventricle outflow tract obstruction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 41-41 | 5.8 | 1 |
| 23 | OC22.06: Cardiovascular dysfunction in monochorionic pregnancies with twin-to-twin transfusion syndrome to predict fetal demise. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 41-42 | 5.8 | 1 |
| 22 | OC29.06: Association between myocardial dysfunction/damage and perinatal death in IUGR fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 57-57 | 5.8 | 1 |
| 21 | OP08.05: Modified myocardial performance index at 11-14 weeks in chromosomally and structurally normal fetuses with normal and increased nuchal translucency. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 86-86 | 5.8 | 1 |
| 20 | OP14.01: Combination of uterine artery Doppler and mean arterial pressure at first trimester in the prediction of preeclampsia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 103-103 | 5.8 | |
| 19 | OP17.02: The E sign: a new ultrasonographic marker of tetralogy of Fallot. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 114-115 | 5.8 | |
| 18 | OP19.13: Intra- and interobserver reliability of tissue Doppler for measurement of fetal myocardial velocities. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 124-124 | 5.8 | |
| 17 | OP23.01: Cardiac function assessed by tissue Doppler myocardial velocities in fetuses with growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 135-136 | 5.8 | |
| 16 | Contribution of the myocardial performance index and aortic isthmus blood flow index to predicting mortality in preterm growth-restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 430-6 | 5.8 | 68 |
| 15 | Does pre-eclampsia influence fetal cardiovascular function in early-onset intrauterine growth restriction?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 660-5 | 5.8 | 22 |

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| 14 | Hypoxia induces dilated cardiomyopathy in the chick embryo: mechanism, intervention, and long-term consequences. <i>PLoS ONE</i> , 2009 , 4, e5155 | 3.7 | 95 |
| 13 | Predictive value of angiogenic factors and uterine artery Doppler for early- versus late-onset pre-eclampsia and intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 31, 303-9 | 5.8 | 197 |
| 12 | OC037: Volume calculation of intracranial structures using 3-D ultrasound in normal and growth restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 32, 255-255 | 5.8 | 2 |
| 11 | Neurodevelopmental outcome in 2-year-old infants who were small-for-gestational age term fetuses with cerebral blood flow redistribution. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 32, 894-9 | 5.8 | 185 |
| 10 | Cardiac dysfunction and cell damage across clinical stages of severity in growth-restricted fetuses. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 199, 254.e1-8 | 6.4 | 191 |
| 9 | The use of a variable cut-off value of cervical length in women admitted for preterm labor before and after 32 weeks. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 29, 421-6 | 5.8 | 33 |
| 8 | OP01.08: Predictive value for adverse perinatal outcome of uterine artery Doppler at onset of pre-eclampsia compared with classical fetal Doppler indices in early vs. late pre-eclampsia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 458-458 | 5.8 | |
| 7 | OP20.08: The use of a cardiac profile improves detection of heart dysfunction and prediction of poor perinatal outcome as compared with ductus venosus alone. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 525-525 | 5.8 | 2 |
| 6 | OP07.17: Identification of fetuses at risk of perinatal mortality by the combination of ductus venosus, myocardial performance index and aortic isthmus Doppler waveforms. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 28, 464-465 | 5.8 | |
| 5 | OP07.18: Temporal evolution of cardiac function indices, including aortic isthmus and modified-tei index, in relation with Doppler changes in severe IUGR. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 28, 465-465 | 5.8 | |
| 4 | Placental angiogenic growth factors and uterine artery Doppler findings for characterization of different subsets in preeclampsia and in isolated intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 201-7 | 6.4 | 192 |
| 3 | Utilizaci3n de la longitud cervical para la reducci3n de la estancia hospitalaria en pacientes ingresadas por amenaza de parto pret3rmino. <i>Progresos En Obstetricia Y Ginecologia</i> , 2005 , 48, 327-332 | 0 | |
| 2 | Atherogenic lipoprotein subfraction profile in preeclamptic women with and without high triglycerides: different pathophysiologic subsets in preeclampsia. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1504-9 | 12.7 | 31 |
| 1 | Curvas de normalidad de la longitud cervical ecogr3fica seg3n edad gestacional en poblaci3n espa3ola. <i>Progresos En Obstetricia Y Ginecologia</i> , 2004 , 47, 264-271 | 0 | 11 |