

F Crispi

List of Publications by Year in descending order

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170
papers

6,481
citations

46918

47
h-index

74018

75
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261
all docs

261
docs citations

261
times ranked

5587
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fetal Growth Restriction Results in Remodeled and Less Efficient Hearts in Children. <i>Circulation</i> , 2010, 121, 2427-2436. | 1.6 | 359 |
| 2 | Predictive value of angiogenic factors and uterine artery Doppler for early versus late onset preeclampsia and intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 31, 303-309. | 0.9 | 236 |
| 3 | 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.e1-254.e8. | 0.7 | 230 |
| 4 | 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, 894-899. | 0.9 | 225 |
| 5 | Dysregulation of Hydrogen Sulfide Producing Enzyme Cystathionine β -lyase Contributes to Maternal Hypertension and Placental Abnormalities in Preeclampsia. <i>Circulation</i> , 2013, 127, 2514-2522. | 1.6 | 224 |
| 6 | 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, 201-207. | 0.7 | 212 |
| 7 | 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. | 1.1 | 149 |
| 8 | 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.e1-121.e9. | 0.7 | 146 |
| 9 | Assisted Reproductive Technologies Are Associated With Cardiovascular Remodeling In Utero That Persists Postnatally. <i>Circulation</i> , 2013, 128, 1442-1450. | 1.6 | 138 |
| 10 | 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. | 0.7 | 120 |
| 11 | Fetal Cardiac Function: Technical Considerations and Potential Research and Clinical Applications. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 47-64. | 0.6 | 116 |
| 12 | First trimester screening for early and late preeclampsia based on maternal characteristics, biophysical parameters, and angiogenic factors. <i>Prenatal Diagnosis</i> , 2015, 35, 183-191. | 1.1 | 113 |
| 13 | 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.e1-45.e7. | 0.7 | 110 |
| 14 | Hypoxia Induces Dilated Cardiomyopathy in the Chick Embryo: Mechanism, Intervention, and Long-Term Consequences. <i>PLoS ONE</i> , 2009, 4, e5155. | 1.1 | 105 |
| 15 | 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, 465-471. | 0.9 | 92 |
| 16 | Long-Term Follow-Up of Intrauterine Growth Restriction: Cardiovascular Disorders. <i>Fetal Diagnosis and Therapy</i> , 2014, 36, 143-153. | 0.6 | 91 |
| 17 | Tissue Doppler echocardiographic markers of cardiac dysfunction in small-for-gestational age fetuses. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 57.e1-57.e6. | 0.7 | 89 |
| 18 | Fetal cardiovascular remodeling persists at 6 months in infants with intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 349-356. | 0.9 | 88 |

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|----|--|-----|-----------|
| 19 | 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, 430-436. | 0.9 | 82 |
| 20 | 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. | 0.9 | 81 |
| 21 | Normal Reference Ranges from 11 to 41 Weeks TM 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. | 0.6 | 80 |
| 22 | 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, 116-122. | 0.6 | 78 |
| 23 | Early diagnosis of gestational diabetes mellitus using circulating microRNAs. <i>European Journal of Endocrinology</i> , 2019, 181, 565-577. | 1.9 | 77 |
| 24 | 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. | 2.9 | 76 |
| 25 | Assessment of Fetal Cardiac Function Using Tissue Doppler Techniques. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 30-38. | 0.6 | 74 |
| 26 | Value of annular M-mode displacement <i>vs</i> tissue Doppler velocities to assess cardiac function in intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 175-181. | 0.9 | 74 |
| 27 | 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, 182-187. | 0.9 | 74 |
| 28 | 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. | 0.7 | 70 |
| 29 | Descriptive analysis of different phenotypes of cardiac remodeling in fetal growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 50, 207-214. | 0.9 | 69 |
| 30 | Seroprevalence and presentation of SARS-CoV-2 in pregnancy. <i>Lancet</i> , The, 2020, 396, 530-531. | 6.3 | 69 |
| 31 | 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. | 0.9 | 68 |
| 32 | 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, 530-537. | 0.9 | 67 |
| 33 | First-trimester screening with specific algorithms for early- and late-onset fetal growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 340-348. | 0.9 | 67 |
| 34 | 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. | 0.6 | 66 |
| 35 | Machine Learning in Fetal Cardiology: What to Expect. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 363-372. | 0.6 | 66 |
| 36 | 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. | 0.9 | 65 |

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|----|---|-----|-----------|
| 37 | 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, 179-184. | 0.9 | 65 |
| 38 | 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. | 1.1 | 63 |
| 39 | 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. | 0.9 | 63 |
| 40 | Update on the Pathophysiological Implications and Clinical Role of Angiogenic Factors in Pregnancy. <i>Fetal Diagnosis and Therapy</i> , 2015, 37, 81-92. | 0.6 | 59 |
| 41 | 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, 274-280. | 0.7 | 57 |
| 42 | Complement Activation and Thrombotic Microangiopathies. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1719-1732. | 2.2 | 57 |
| 43 | 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. | 1.6 | 57 |
| 44 | 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, 269-278. | 0.6 | 56 |
| 45 | Angiogenic factors <i>vs</i> 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, 533-540. | 0.9 | 55 |
| 46 | 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, 1150-1158. | 1.0 | 54 |
| 47 | 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. | 0.9 | 53 |
| 48 | 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. | 0.9 | 52 |
| 49 | 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, 304-309. | 0.7 | 50 |
| 50 | 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. | 0.7 | 50 |
| 51 | 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, 203-211. | 0.6 | 49 |
| 52 | A Computational Model of the Fetal Circulation to Quantify Blood Redistribution in Intrauterine Growth Restriction. <i>PLoS Computational Biology</i> , 2014, 10, e1003667. | 1.5 | 48 |
| 53 | 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. | 0.9 | 47 |
| 54 | Diffuse trophoblast damage is the hallmark of SARS-CoV-2-associated fetal demise. <i>Modern Pathology</i> , 2021, 34, 1704-1709. | 2.9 | 47 |

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|----|--|-----|-----------|
| 55 | Premature placental aging in term small-for-gestational age and growth-restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 615-622. | 0.9 | 46 |
| 56 | 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. | 0.9 | 43 |
| 57 | 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, 421-426. | 0.9 | 41 |
| 58 | 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. | 0.6 | 39 |
| 59 | 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. | 0.9 | 39 |
| 60 | 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, 1504-1509. | 1.5 | 37 |
| 61 | 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, 625-631. | 0.9 | 37 |
| 62 | 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. | 0.9 | 37 |
| 63 | 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. | 1.1 | 37 |
| 64 | Human fetal growth restriction: a cardiovascular journey through to adolescence. <i>Journal of Developmental Origins of Health and Disease</i> , 2016, 7, 626-635. | 0.7 | 35 |
| 65 | Cardiac dysfunction is associated with altered sarcomere ultrastructure in intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 550.e1-550.e7. | 0.7 | 34 |
| 66 | 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, 632-639. | 0.9 | 33 |
| 67 | 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. | 1.2 | 33 |
| 68 | Meteorin-like/Meteorin-1 ² protects heart against cardiac dysfunction. <i>Journal of Experimental Medicine</i> , 2021, 218, . | 4.2 | 33 |
| 69 | 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, 258-266. | 0.6 | 32 |
| 70 | Nomograms of Fetal Cardiac Dimensions at 18-41 Weeks of Gestation. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 387-398. | 0.6 | 32 |
| 71 | Does pre-eclampsia influence fetal cardiovascular function in early-onset intrauterine growth restriction?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 660-665. | 0.9 | 28 |
| 72 | Performance of third-trimester combined screening model for prediction of adverse perinatal outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 50, 353-360. | 0.9 | 28 |

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|----|--|-----|-----------|
| 73 | Main Patterns of Fetal Cardiac Remodeling. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 337-344. | 0.6 | 27 |
| 74 | Prognostic Role of Uterine Artery Doppler in Patients with Preeclampsia. <i>Fetal Diagnosis and Therapy</i> , 2010, 27, 8-13. | 0.6 | 25 |
| 75 | 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, 90-99. | 0.6 | 25 |
| 76 | 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-H1760. | 1.5 | 24 |
| 77 | 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, 452-459. | 0.9 | 23 |
| 78 | 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, 1629. | 1.7 | 23 |
| 79 | 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.e1-559.e4. | 0.7 | 22 |
| 80 | 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. | 0.6 | 21 |
| 81 | 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. | 0.8 | 21 |
| 82 | Permanent Cardiac Sarcomere Changes in a Rabbit Model of Intrauterine Growth Restriction. <i>PLoS ONE</i> , 2014, 9, e113067. | 1.1 | 21 |
| 83 | 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. | 0.9 | 20 |
| 84 | 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. | 0.9 | 20 |
| 85 | Cardiac and mitochondrial function in HIV-uninfected fetuses exposed to antiretroviral treatment. <i>PLoS ONE</i> , 2019, 14, e0213279. | 1.1 | 19 |
| 86 | Added prognostic value of longitudinal changes of angiogenic factors in early-onset severe preeclampsia: a prospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 158-165. | 1.1 | 18 |
| 87 | 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. | 0.9 | 18 |
| 88 | Maternal subclinical vascular changes in fetal growth restriction with and without preeclampsia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 46, 706-712. | 0.9 | 16 |
| 89 | 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. | 0.9 | 16 |
| 90 | Biventricular impact of mild to moderate fetal pulmonary valve stenosis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 349-356. | 0.9 | 16 |

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|-----|--|-----|-----------|
| 91 | Fetal cardiac remodeling in twin pregnancy conceived by assisted reproductive technology. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 94-100. | 0.9 | 16 |
| 92 | Evaluation of an automated fetal myocardial performance index. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 496-503. | 0.9 | 14 |
| 93 | 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. | 1.1 | 14 |
| 94 | 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, 556-560. | 0.9 | 13 |
| 95 | Longitudinal annular displacement by M-mode (MAPSE and TAPSE) in twin-twin transfusion syndrome before and after laser surgery. <i>Prenatal Diagnosis</i> , 2015, 35, 1197-1201. | 1.1 | 13 |
| 96 | Cardiac remodeling in fetuses conceived by ARTs: fresh versus frozen embryo transfer. <i>Human Reproduction</i> , 2021, 36, 2697-2708. | 0.4 | 13 |
| 97 | Fetal neurosonography at 31-35 weeks reveals altered cortical development in pre-eclampsia with and without small-for-gestational age fetus. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 737-746. | 0.9 | 13 |
| 98 | Prognostic Role of Maternal Neutrophil Gelatinase-Associated Lipocalin in Women with Severe Early-Onset Preeclampsia. <i>Fetal Diagnosis and Therapy</i> , 2014, 35, 127-132. | 0.6 | 12 |
| 99 | 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, 981-989. | 0.7 | 12 |
| 100 | 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. | 0.9 | 12 |
| 101 | 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. | 0.6 | 10 |
| 102 | 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. | 1.2 | 10 |
| 103 | First-Trimester SARS-CoV-2 Infection: Clinical Presentation, Inflammatory Markers, and Obstetric Outcomes. <i>Fetal Diagnosis and Therapy</i> , 2022, 49, 67-76. | 0.6 | 10 |
| 104 | Transgenerational transmission of small-for-gestational age. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 623-629. | 0.9 | 9 |
| 105 | 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. | 1.6 | 9 |
| 106 | Cardiac Remodeling and Hypertension in HIV-Uninfected Infants Exposed in utero to Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021, 73, 586-593. | 2.9 | 9 |
| 107 | Further insights into diastolic dysfunction in first-trimester trisomy 21 fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 45, 205-210. | 0.9 | 8 |
| 108 | Agreement between commercially available ELISA and in-house Luminex SARS-CoV-2 antibody immunoassays. <i>Scientific Reports</i> , 2021, 11, 18984. | 1.6 | 8 |

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|-----|--|-----|-----------|
| 109 | Assessment of Myofiber Orientation in High Resolution Phase-Contrast CT Images. Lecture Notes in Computer Science, 2015, , 111-119. | 1.0 | 8 |
| 110 | Levels of Maternal Serum Angiogenic Factors in Third-Trimester Normal Pregnancies: Reference Ranges, Influence of Maternal and Pregnancy Factors and Fetoplacental Doppler Indices. Fetal Diagnosis and Therapy, 2014, 36, 38-43. | 0.6 | 7 |
| 111 | Clinician performed ultrasound in fetal growth restriction: fetal, neonatal and pediatric aspects. Journal of Perinatology, 2017, 37, 1251-1258. | 0.9 | 7 |
| 112 | Nomograms of Fetal Right Ventricular Fractional Area Change by 2D Echocardiography. Fetal Diagnosis and Therapy, 2020, 47, 399-410. | 0.6 | 7 |
| 113 | Fetal cardiac filling and ejection time fractions by pulsed-wave Doppler: reference ranges and potential clinical application. Ultrasound in Obstetrics and Gynecology, 2021, 58, 83-91. | 0.9 | 7 |
| 114 | Successful Fetoscopic Surgery to Release a Complete Obstruction of the Urethral Meatus in a Case of Congenital Megalourethra. Fetal Diagnosis and Therapy, 2015, 38, 77-80. | 0.6 | 6 |
| 115 | Autophagy is Involved in Cardiac Remodeling in Response to Environmental Temperature Change. Frontiers in Physiology, 2022, 13, 864427. | 1.3 | 6 |
| 116 | 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". Circulation, 2014, 129, e517-8. | 1.6 | 5 |
| 117 | Forms of Circulating Luteinizing Hormone Human Chorionic Gonadotropin Receptor for the Prediction of Early and Late Preeclampsia in the First Trimester of Pregnancy. Fetal Diagnosis and Therapy, 2015, 38, 94-102. | 0.6 | 5 |
| 118 | Structural coronary artery remodelling in the rabbit fetus as a result of intrauterine growth restriction. PLoS ONE, 2019, 14, e0218192. | 1.1 | 5 |
| 119 | Multicenter prospective clinical study to evaluate children short-term neurodevelopmental outcome in congenital heart disease (children NEURO-HEART): study protocol. BMC Pediatrics, 2019, 19, 326. | 0.7 | 5 |
| 120 | Atrioventricular plane displacement versus mitral and tricuspid annular plane systolic excursion: A comparison between cardiac magnetic resonance and M -mode echocardiography. Clinical Physiology and Functional Imaging, 2021, 41, 262-270. | 0.5 | 5 |
| 121 | Strategies for intra-amniotic administration of fetal therapy in a rabbit model of intrauterine growth restriction. Experimental Biology and Medicine, 2021, 246, 1668-1679. | 1.1 | 3 |
| 122 | Understanding Prenatal Brain Sparing by Flow Redistribution Based on a Lumped Model of the Fetal Circulation. Lecture Notes in Computer Science, 2013, , 123-131. | 1.0 | 3 |
| 123 | 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. Ultrasound in Obstetrics and Gynecology, 2007, 30, 525-525. | 0.9 | 2 |
| 124 | OC037: Volume calculation of intracranial structures using 3-D ultrasound in normal and growth restricted fetuses. Ultrasound in Obstetrics and Gynecology, 2008, 32, 255-255. | 0.9 | 2 |
| 125 | DIAGNOSIS AND MANAGEMENT OF SELECTIVE FETAL GROWTH RESTRICTION IN MONOCHORIONIC TWINS. Fetal and Maternal Medicine Review, 2009, 20, 269-281. | 0.3 | 2 |
| 126 | OC22.06: Cardiovascular dysfunction in monochorionic pregnancies with twin-to-twin transfusion syndrome to predict fetal demise. Ultrasound in Obstetrics and Gynecology, 2009, 34, 41-42. | 0.9 | 2 |

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|-----|---|-----|-----------|
| 127 | 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. | 0.9 | 2 |
| 128 | The heart after surviving twin-to-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 502.e1-502.e25. | 0.7 | 2 |
| 129 | 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. | 0.9 | 1 |
| 130 | OC29.06: Association between myocardial dysfunction/damage and perinatal death in IUGR fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 57-57. | 0.9 | 1 |
| 131 | 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. | 0.9 | 1 |
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