

Eduard Gratacos

List of Publications by Year in descending order

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Version: 2024-02-01

785
papers

27,093
citations

4960

84
h-index

13379

130
g-index

994
all docs

994
docs citations

994
times ranked

13770
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 Infection Among Children in Summer Schools Applying Stringent Control Measures in Barcelona, Spain. <i>Clinical Infectious Diseases</i> , 2022, 74, 66-73. | 5.8 | 26 |
| 2 | Corpus callosum size by neurosonography in fetuses with congenital heart defect and relationship with expected pattern of brain oxygen supply. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 220-225. | 1.7 | 6 |
| 3 | Prenatal cerebellar growth is altered in congenital diaphragmatic hernia on ultrasound. <i>Prenatal Diagnosis</i> , 2022, 42, 330-337. | 2.3 | 10 |
| 4 | Prevalence of supratentorial anomalies assessed by magnetic resonance imaging in fetuses with open spina bifida. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 804-812. | 1.7 | 13 |
| 5 | Development of standard definitions and grading for Maternal and Fetal Adverse Event Terminology. <i>Prenatal Diagnosis</i> , 2022, 42, 15-26. | 2.3 | 16 |
| 6 | The randomized Tracheal Occlusion To Accelerate Lung growth (TOTAL)-trials on fetal surgery for congenital diaphragmatic hernia: reanalysis using pooled data. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 560.e1-560.e24. | 1.3 | 26 |
| 7 | 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. | 1.7 | 13 |
| 8 | The Interplay between Pathophysiological Pathways in Early-Onset Severe Preeclampsia Unveiled by Metabolomics. <i>Life</i> , 2022, 12, 86. | 2.4 | 6 |
| 9 | Multiplex Antibody Analysis of IgM, IgA and IgG to SARS-CoV-2 in Saliva and Serum From Infected Children and Their Close Contacts. <i>Frontiers in Immunology</i> , 2022, 13, 751705. | 4.8 | 13 |
| 10 | Reply. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 276-276. | 1.7 | 0 |
| 11 | Intraamniotic sealing of fetoscopic membrane defects in ex vivo and in vivo sheep models using an integrated semirigid bioadhesive patch. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2022, 4, 100593. | 2.6 | 5 |
| 12 | Individual prevention and containment measures in schools in Catalonia, Spain, and community transmission of SARS-CoV-2 after school re-opening. <i>PLoS ONE</i> , 2022, 17, e0263741. | 2.5 | 9 |
| 13 | Feasibility of 4D-Spatio Temporal Image Correlation (STIC) in the Comprehensive Assessment of the Fetal Heart Using FetalHQ®. <i>Journal of Clinical Medicine</i> , 2022, 11, 1414. | 2.4 | 6 |
| 14 | Antenatal management of congenital diaphragmatic hernia: What's next ?. <i>Prenatal Diagnosis</i> , 2022, 42, 291-300. | 2.3 | 9 |
| 15 | The heart after surviving twin-to-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 502.e1-502.e25. | 1.3 | 2 |
| 16 | Differences and similarities in endothelial and angiogenic profiles of preeclampsia and COVID-19 in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 277.e1-277.e16. | 1.3 | 23 |
| 17 | Mediterranean Diet or Mindfulness-Based Stress Reduction and Prevention of Small-for-Gestational-Age Birth Weights in Newborns—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1293. | 7.4 | 1 |
| 18 | Death and severe morbidity in isolated periviable small-for-gestational-age fetuses: a Research article. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, , . | 2.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Impact of the COVID-19 Pandemic on Maternal Well-Being during Pregnancy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2212. | 2.4 | 3 |
| 20 | Impact of Preoperative Cervical Length on Pregnancy Outcome in Twin-Twin Transfusion Syndrome. <i>Zeitschrift Fur Geburtshilfe Und Neonatologie</i> , 2022, , . | 0.4 | 0 |
| 21 | Docosahexaenoic Acid and Melatonin Prevent Impaired Oligodendrogenesis Induced by Intrauterine Growth Restriction (IUGR). <i>Biomedicines</i> , 2022, 10, 1205. | 3.2 | 3 |
| 22 | Concordance of the risk of neonatal respiratory morbidity assessed by quantitative ultrasound lung texture analysis in fetuses of twin pregnancies. <i>Scientific Reports</i> , 2022, 12, . | 3.3 | 2 |
| 23 | Maternal Dietary Inflammatory Index during Pregnancy Is Associated with Perinatal Outcomes: Results from the IMPACT BCN Trial. <i>Nutrients</i> , 2022, 14, 2284. | 4.1 | 8 |
| 24 | Effects of Mediterranean Diet or Mindfulness-Based Stress Reduction on Prevention of Small-for-Gestational Age Birth Weights in Newborns Born to At-Risk Pregnant Individuals: The IMPACT BCN Randomized Clinical Trial. <i>Obstetrical and Gynecological Survey</i> , 2022, 77, 325-327. | 0.4 | 0 |
| 25 | P-771â€fSubfertility versus in vitro fertilization procedures: unravelling the origins of fetal cardiac remodeling in assisted reproductive technologies. <i>Human Reproduction</i> , 2022, 37, . | 0.9 | 0 |
| 26 | Pulmonary hypertension in congenital diaphragmatic hernia: Antenatal prediction and impact on neonatal mortality. <i>Prenatal Diagnosis</i> , 2022, 42, 1303-1311. | 2.3 | 6 |
| 27 | 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. | 1.7 | 20 |
| 28 | Tenâ€year experience of protocolâ€based management of smallâ€forâ€gestationalâ€age fetuses: perinatal outcome in lateâ€pregnancy cases diagnosed after 32 weeks. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 62-69. | 1.7 | 18 |
| 29 | Exploratory and confirmatory analysis to investigate the presence of vaginal metabolome expression of microbial invasion of the amniotic cavity in women with preterm labor using high-performance liquid chromatography. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 90.e1-90.e9. | 1.3 | 5 |
| 30 | Fetal cardiac filling and ejection time fractions by pulsedâ€wave Doppler: reference ranges and potential clinical application. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 83-91. | 1.7 | 7 |
| 31 | Fetal endoscopic tracheal occlusion reverses the natural history of rightâ€sided congenital diaphragmatic hernia: European multicenter experience. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 378-385. | 1.7 | 28 |
| 32 | 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. | 3.3 | 9 |
| 33 | Assessment of Radiomics and Deep Learning for the Segmentation of Fetal and Maternal Anatomy in Magnetic Resonance Imaging and Ultrasound. <i>Academic Radiology</i> , 2021, 28, 173-188. | 2.5 | 23 |
| 34 | Cardiac Remodeling and Hypertension in HIV-Uninfected Infants Exposed in utero to Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021, 73, 586-593. | 5.8 | 9 |
| 35 | Atrioventricular plane displacement versus mitral and tricuspid annular plane systolic excursion: A comparison between cardiac magnetic resonance and Mâ€mode echocardiography. <i>Clinical Physiology and Functional Imaging</i> , 2021, 41, 262-270. | 1.2 | 5 |
| 36 | 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. | 5.8 | 76 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Non-invasive monitoring of pH and oxygen using miniaturized electrochemical sensors in an animal model of acute hypoxia. <i>Journal of Translational Medicine</i> , 2021, 19, 53. | 4.4 | 5 |
| 38 | Low birth weight as a potential risk factor for severe COVID-19 in adults. <i>Scientific Reports</i> , 2021, 11, 2909. | 3.3 | 10 |
| 39 | Maternal Infection and Adverse Pregnancy Outcomes among Pregnant Travellers: Results of the International Zika Virus in Pregnancy Registry. <i>Viruses</i> , 2021, 13, 341. | 3.3 | 1 |
| 40 | Complement and coagulation cascades activation is the main pathophysiological pathway in early-onset severe preeclampsia revealed by maternal proteomics. <i>Scientific Reports</i> , 2021, 11, 3048. | 3.3 | 25 |
| 41 | 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. | 2.4 | 3 |
| 42 | Mid-trimester prediction of spontaneous preterm birth with automated cervical quantitative ultrasound texture analysis and cervical length: a prospective study. <i>Scientific Reports</i> , 2021, 11, 7469. | 3.3 | 5 |
| 43 | Postnatal persistence of cardiac remodelling and dysfunction in late fetal growth restriction. <i>Minerva Obstetrics and Gynecology</i> , 2021, 73, 471-481. | 1.0 | 1 |
| 44 | 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. | 4.1 | 23 |
| 45 | in vivo Monitoring with micro-implantable hypoxia sensor based on tissue acidosis. <i>Talanta</i> , 2021, 226, 122045. | 5.5 | 9 |
| 46 | Mediterranean diet, Mindfulness-Based Stress Reduction and usual care during pregnancy for reducing fetal growth restriction and adverse perinatal outcomes: IMPACT BCN (Improving Mothers) Trial. <i>Trials</i> , 2021, 22, 362. | 1.6 | 12 |
| 47 | Quality criteria for randomized controlled studies: obstetrical journal guidelines. <i>American Journal of Obstetrics & Gynecology</i> MFM, 2021, 3, 100334. | 2.6 | 12 |
| 48 | Risk Factors Associated with Preterm Prelabor Rupture of Membranes after Cord Occlusion in Monochorionic Diamniotic Twins. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 457-463. | 1.4 | 2 |
| 49 | Intrapulmonary artery Doppler to predict mortality and morbidity in fetuses with mild or moderate left-sided congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 590-596. | 1.7 | 9 |
| 50 | Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 107-118. | 27.0 | 197 |
| 51 | 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. | 1.7 | 18 |
| 52 | Prescriptive standards of echocardiographic morphometric and functional parameters in uncomplicated monochorionic diamniotic fetuses. <i>Prenatal Diagnosis</i> , 2021, 41, 1486-1497. | 2.3 | 2 |
| 53 | Differential concentrations of maternal and fetal hemopexin and Î±1-microglobulin in preeclampsia from IVF pregnancies depending on the presence of corpus luteum at embryo transfer. <i>Human Reproduction</i> , 2021, 36, . | 0.9 | 0 |
| 54 | Paired maternal and fetal metabolomics reveal a differential fingerprint in preeclampsia versus fetal growth restriction. <i>Scientific Reports</i> , 2021, 11, 14422. | 3.3 | 16 |

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|----|--|------|-----------|
| 55 | Exercise Capacity in Young Adults Born Small for Gestational Age. <i>JAMA Cardiology</i> , 2021, 6, 1308. | 6.1 | 21 |
| 56 | Cardiac remodeling in fetuses conceived by ARTs: fresh versus frozen embryo transfer. <i>Human Reproduction</i> , 2021, 36, 2697-2708. | 0.9 | 13 |
| 57 | Randomized Trial of Fetal Surgery for Moderate Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 119-129. | 27.0 | 143 |
| 58 | Placental chemical elements concentration in small fetuses and its relationship with Doppler markers of placental function. <i>Placenta</i> , 2021, 110, 1-8. | 1.5 | 6 |
| 59 | P-766 Neurodevelopment in fetuses conceived by assisted reproductive technologies following fresh and frozen embryo transfer. <i>Human Reproduction</i> , 2021, 36, . | 0.9 | 0 |
| 60 | P-766 Neurodevelopment in fetuses conceived by assisted reproductive technologies following fresh and frozen embryo transfer. <i>Human Reproduction</i> , 2021, 36, . | 0.9 | 1 |
| 61 | Extracellular vesicle-associated miRNAs are an adaptive response to gestational diabetes mellitus. <i>Journal of Translational Medicine</i> , 2021, 19, 360. | 4.4 | 30 |
| 62 | Perinatal outcome after selective termination in dichorionic twins discordant for congenital anomalies. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 2029-2035. | 2.8 | 7 |
| 63 | Miniaturized Electrochemical Sensors to Monitor Fetal Hypoxia and Acidosis in a Pregnant Sheep Model. <i>Biomedicines</i> , 2021, 9, 1344. | 3.2 | 0 |
| 64 | Effect of Maternal and Fetal Characteristics in Feto-Placental Doppler and Impact of Using Adjusted Standards in the Definition of Fetal Growth Restriction at Term. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 1-7. | 1.4 | 0 |
| 65 | Agreement between commercially available ELISA and in-house Luminex SARS-CoV-2 antibody immunoassays. <i>Scientific Reports</i> , 2021, 11, 18984. | 3.3 | 8 |
| 66 | Assessment of an intervention to optimise antenatal management of women admitted with preterm labour and intact membranes using amniocentesis-based predictive risk models: study protocol for a randomised controlled trial (OPTIM-PTL Study). <i>BMJ Open</i> , 2021, 11, e054711. | 1.9 | 6 |
| 67 | Left myocardial performance index in monozygotic diamniotic twin pairs complicated by selective fetal growth restriction with abnormal umbilical artery Doppler. <i>Prenatal Diagnosis</i> , 2021, 41, 1504-1509. | 2.3 | 6 |
| 68 | Validation and implementation of a direct RT-qPCR method for rapid screening of SARS-CoV-2 infection by using non-invasive saliva samples. <i>International Journal of Infectious Diseases</i> , 2021, 110, 363-370. | 3.3 | 15 |
| 69 | Analysis of maturation features in fetal brain ultrasound via artificial intelligence for the estimation of gestational age. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2021, 3, 100462. | 2.6 | 18 |
| 70 | OC01.01: *Fetal neurosonography and infant's neurobehavioural tests in assisted reproductive technologies following fresh and frozen embryo transfer. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 1-1. | 1.7 | 0 |
| 71 | Complications of Monozygotic Diamniotic Twins: Stepwise Approach for Early Identification, Differential Diagnosis, and Clinical Management. <i>Maternal-Fetal Medicine</i> , 2021, 3, 42-52. | 0.8 | 4 |
| 72 | Antibody conversion rates to SARS-CoV-2 in saliva from children attending summer schools in Barcelona, Spain. <i>BMC Medicine</i> , 2021, 19, 309. | 5.5 | 10 |

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|----|---|------|-----------|
| 73 | Effects of Mediterranean Diet or Mindfulness-Based Stress Reduction on Prevention of Small-for-Gestational Age Birth Weights in Newborns Born to At-Risk Pregnant Individuals. JAMA - Journal of the American Medical Association, 2021, 326, 2150. | 7.4 | 47 |
| 74 | Fetal ischemia monitoring with in vivo implanted electrochemical multiparametric microsensors. Journal of Biological Engineering, 2021, 15, 28. | 4.7 | 2 |
| 75 | Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. Obstetrical and Gynecological Survey, 2021, 76, 724-725. | 0.4 | 2 |
| 76 | Nomograms of Fetal Cardiac Dimensions at 18-41 Weeks of Gestation. Fetal Diagnosis and Therapy, 2020, 47, 387-398. | 1.4 | 32 |
| 77 | Core outcome set for studies investigating management of selective fetal growth restriction in twins. Ultrasound in Obstetrics and Gynecology, 2020, 55, 652-660. | 1.7 | 21 |
| 78 | Fetal cardiac remodeling and dysfunction is associated with both preeclampsia and fetal growth restriction. American Journal of Obstetrics and Gynecology, 2020, 222, 79.e1-79.e9. | 1.3 | 52 |
| 79 | Determination of the steroid profile in alternative matrices by liquid chromatography tandem mass spectrometry. Journal of Steroid Biochemistry and Molecular Biology, 2020, 197, 105520. | 2.5 | 33 |
| 80 | Early cardiac remodeling in aortic coarctation: insights from fetal and neonatal functional and structural assessment. Ultrasound in Obstetrics and Gynecology, 2020, 56, 837-849. | 1.7 | 12 |
| 81 | Nomograms of Fetal Right Ventricular Fractional Area Change by 2D Echocardiography. Fetal Diagnosis and Therapy, 2020, 47, 399-410. | 1.4 | 7 |
| 82 | Prescriptive Reference Standards of Third-Trimester Cerebroplacental Ratio and Its Physiological Determinants. Fetal Diagnosis and Therapy, 2020, 47, 757-764. | 1.4 | 0 |
| 83 | Uncomplicated Monochorionic Twins: Two Normal Hearts Sharing One Placenta. Journal of Clinical Medicine, 2020, 9, 3602. | 2.4 | 7 |
| 84 | Differences in growth: selective intrauterine growth restriction in monochorionic twins. , 2020, , 134-144. | | 1 |
| 85 | Seroprevalence and presentation of SARS-CoV-2 in pregnancy. Lancet, The, 2020, 396, 530-531. | 13.7 | 69 |
| 86 | TTTS-STgan: Stacked Generative Adversarial Networks for TTTS Fetal Surgery Planning Based on 3D Ultrasound. IEEE Transactions on Medical Imaging, 2020, 39, 3595-3606. | 8.9 | 5 |
| 87 | Ex-vivo mechanical sealing properties and toxicity of a bioadhesive patch as sealing system for fetal membrane iatrogenic defects. Scientific Reports, 2020, 10, 18608. | 3.3 | 7 |
| 88 | Segmentation of the placenta and its vascular tree in Doppler ultrasound for fetal surgery planning. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1869-1879. | 2.8 | 1 |
| 89 | Hemopexin and $\hat{1}$ -microglobulin heme scavengers with differential involvement in preeclampsia and fetal growth restriction. PLoS ONE, 2020, 15, e0239030. | 2.5 | 10 |
| 90 | Maternal proteomic profiling reveals alterations in lipid metabolism in late-onset fetal growth restriction. Scientific Reports, 2020, 10, 21033. | 3.3 | 14 |

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|-----|---|------|-----------|
| 91 | Coronavirus Disease 2019 in Pregnancy: A Clinical Management Protocol and Considerations for Practice. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 519-528. | 1.4 | 59 |
| 92 | Intra- and interobserver reproducibility of second trimester ultrasound cervical length measurement in a general population. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, , 1-4. | 1.5 | 1 |
| 93 | Development and validation of a multivariable prediction model of spontaneous preterm delivery and microbial invasion of the amniotic cavity in women with preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 421.e1-421.e14. | 1.3 | 24 |
| 94 | Evaluation of deep convolutional neural networks for automatic classification of common maternal fetal ultrasound planes. <i>Scientific Reports</i> , 2020, 10, 10200. | 3.3 | 79 |
| 95 | Micro-needle implantable electrochemical oxygen sensor: ex-vivo and in-vivo studies. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112028. | 10.1 | 43 |
| 96 | Vaginal metabolome: towards a minimally invasive diagnosis of microbial invasion of the amniotic cavity in women with preterm labor. <i>Scientific Reports</i> , 2020, 10, 5465. | 3.3 | 10 |
| 97 | Deep Q-CapsNet Reinforcement Learning Framework for Intrauterine Cavity Segmentation in TTTS Fetal Surgery Planning. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3113-3124. | 8.9 | 5 |
| 98 | Main Patterns of Fetal Cardiac Remodeling. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 337-344. | 1.4 | 27 |
| 99 | Structural Brain Changes during the Neonatal Period in a Rabbit Model of Intrauterine Growth Restriction. <i>Developmental Neuroscience</i> , 2020, 42, 217-229. | 2.0 | 10 |
| 100 | Cardiac remodeling in a fetal growth restriction cohort – a follow-up study from preadolescence into adolescence. <i>European Heart Journal</i> , 2020, 41, . | 2.2 | 0 |
| 101 | Title is missing!. , 2020, 15, e0239030. | | 0 |
| 102 | Title is missing!. , 2020, 15, e0239030. | | 0 |
| 103 | Title is missing!. , 2020, 15, e0239030. | | 0 |
| 104 | Title is missing!. , 2020, 15, e0239030. | | 0 |
| 105 | Title is missing!. , 2020, 15, e0239030. | | 0 |
| 106 | Title is missing!. , 2020, 15, e0239030. | | 0 |
| 107 | Premature placental aging in term small-for-gestational-age and growth-restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 615-622. | 1.7 | 46 |
| 108 | Automatic Segmentation Of the Placenta and its Peripheral Vasculature in Volumetric Ultrasound for TTTS Fetal Surgery. , 2019, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | TTS-GPS: Patient-specific preoperative planning and simulation platform for twin-to-twin transfusion syndrome fetal surgery. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 179, 104993. | 4.7 | 20 |
| 110 | Structural coronary artery remodelling in the rabbit fetus as a result of intrauterine growth restriction. <i>PLoS ONE</i> , 2019, 14, e0218192. | 2.5 | 5 |
| 111 | Complement Activation and Thrombotic Microangiopathies. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1719-1732. | 4.5 | 57 |
| 112 | Clinical Outcome and Management of Selective Fetal Growth Restriction in Monochorionic Twins. , 2019, , 392-397. | | 0 |
| 113 | Global and Regional Changes in Cortical Development Assessed by MRI in Fetuses with Isolated Nonsevere Ventriculomegaly Correlate with Neonatal Neurobehavior. <i>American Journal of Neuroradiology</i> , 2019, 40, 1567-1574. | 2.4 | 8 |
| 114 | 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. | 1.7 | 5 |
| 115 | Good clinical practice advice: Iron deficiency anemia in pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 322-324. | 2.3 | 28 |
| 116 | Good clinical practice advice: Management of twin pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 330-337. | 2.3 | 32 |
| 117 | 208: Metabolic profiling and targeted lipidomics in small for gestational age and fetal growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S150-S151. | 1.3 | 0 |
| 118 | Good clinical practice advice: Micronutrients in the periconceptional period and pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 317-321. | 2.3 | 9 |
| 119 | Good clinical practice advice: First trimester screening and prevention of pre-eclampsia in singleton pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 325-329. | 2.3 | 13 |
| 120 | Good clinical practice advice: Role of ultrasound in the management of twin pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 338-339. | 2.3 | 8 |
| 121 | Good clinical practice advice: Prediction of preterm labor and preterm premature rupture of membranes. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 340-346. | 2.3 | 23 |
| 122 | Good clinical practice advice: Thyroid and pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 347-351. | 2.3 | 10 |
| 123 | Good clinical practice advice: Antenatal corticosteroids for fetal lung maturation. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 352-355. | 2.3 | 29 |
| 124 | 202: Fetal cardiac remodeling associated with preeclampsia and fetal growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S146-S147. | 1.3 | 0 |
| 125 | Distinctive patterns of placental lesions in pre-eclampsia <i>vs</i> small-for-gestational age and their association with fetoplacental Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 609-616. | 1.7 | 43 |
| 126 | 203: Prediction of survival in right sided congenital diaphragmatic hernia in the FETO era. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S147. | 1.3 | 1 |

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|-----|--|------|-----------|
| 127 | Cardiac and mitochondrial function in HIV-uninfected fetuses exposed to antiretroviral treatment. PLoS ONE, 2019, 14, e0213279. | 2.5 | 19 |
| 128 | Differences in expression rather than methylation at placenta-specific imprinted loci is associated with intrauterine growth restriction. Clinical Epigenetics, 2019, 11, 35. | 4.1 | 29 |
| 129 | Mitochondrial implications in human pregnancies with intrauterine growth restriction and associated cardiac remodelling. Journal of Cellular and Molecular Medicine, 2019, 23, 3962-3973. | 3.6 | 19 |
| 130 | Fully automatic 3D reconstruction of the placenta and its peripheral vasculature in intrauterine fetal MRI. Medical Image Analysis, 2019, 54, 263-279. | 11.6 | 31 |
| 131 | Evaluation of an improved tool for non-invasive prediction of neonatal respiratory morbidity based on fully automated fetal lung ultrasound analysis. Scientific Reports, 2019, 9, 1950. | 3.3 | 32 |
| 132 | Both preeclampsia and intrauterine growth restriction have implications on fetal cardiac remodeling and dysfunction. Pregnancy Hypertension, 2019, 17, S34-S35. | 1.4 | 0 |
| 133 | Characterization of vaginal microbiota in women with preterm labor with intra-amniotic inflammation. Scientific Reports, 2019, 9, 18963. | 3.3 | 15 |
| 134 | Transgenerational transmission of smallâ€¦forâ€¦gestational age. Ultrasound in Obstetrics and Gynecology, 2019, 53, 623-629. | 1.7 | 9 |
| 135 | 65: Prenatal stress modifies RNA expression of HSD11Î²-2 and the hypothalamic-pituitary- adrenocortical axis in fetal growth restriction. American Journal of Obstetrics and Gynecology, 2019, 220, S52. | 1.3 | 0 |
| 136 | Achieving orphan designation for placental insufficiency: annual incidence estimations in Europe. BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 1157-1167. | 2.3 | 16 |
| 137 | 201: Premature placental aging in term small for gestational age and fetal growth restriction. American Journal of Obstetrics and Gynecology, 2019, 220, S145-S146. | 1.3 | 1 |
| 138 | Study protocol: developing, disseminating, and implementing a core outcome set for selective fetal growth restriction in monochorionic twin pregnancies. Trials, 2019, 20, 35. | 1.6 | 15 |
| 139 | Cervical consistency index and risk of Cesarean delivery after induction of labor at term. Ultrasound in Obstetrics and Gynecology, 2019, 53, 798-803. | 1.7 | 8 |
| 140 | Segmentation and classification in MRI and US fetal imaging: Recent trends and future prospects. Medical Image Analysis, 2019, 51, 61-88. | 11.6 | 66 |
| 141 | Clinical Feasibility of Quantitative Ultrasound Texture Analysis: A Robustness Study Using Fetal Lung Ultrasound Images. Journal of Ultrasound in Medicine, 2019, 38, 1459-1476. | 1.7 | 9 |
| 142 | Clinical and Sonographic Model to Predict Cesarean Delivery after Induction of Labor at Term. Fetal Diagnosis and Therapy, 2019, 46, 88-96. | 1.4 | 8 |
| 143 | Influence of perinatal inflammation on the neurodevelopmental outcome of premature infants. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1069-1077. | 1.5 | 16 |
| 144 | Follow-Up of Asymptomatic High-Risk Patients with Normal Cervical Length to Predict Recurrence of Preterm Birth. Fetal Diagnosis and Therapy, 2019, 45, 50-56. | 1.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
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