

Eduard Gratacos

List of Publications by Year in descending order

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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	Update on the Diagnosis and Classification of Fetal Growth Restriction and Proposal of a Stage-Based Management Protocol. <i>Fetal Diagnosis and Therapy</i> , 2014, 36, 86-98.	1.4	524
2	ISUOG Practice Guidelines: role of ultrasound in twin pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 47, 247-263.	1.7	445
3	Reference ranges for uterine artery mean pulsatility index at 11-41 weeks of gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 128-132.	1.7	439
4	The outcome of monochorionic diamniotic twin gestations in the era of invasive fetal therapy: a prospective cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 514.e1-514.e8.	1.3	382
5	Severe diaphragmatic hernia treated by fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 304-310.	1.7	379
6	Fetosopic tracheal occlusion (FETO) for severe congenital diaphragmatic hernia: evolution of a technique and preliminary results. <i>Ultrasound in Obstetrics and Gynecology</i> , 2004, 24, 121-126.	1.7	373
7	Fetal Growth Restriction Results in Remodeled and Less Efficient Hearts in Children. <i>Circulation</i> , 2010, 121, 2427-2436.	1.6	359
8	A classification system for selective intrauterine growth restriction in monochorionic pregnancies according to umbilical artery Doppler flow in the smaller twin. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 28-34.	1.7	352
9	Customized birthweight standards for a Spanish population. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008, 136, 20-24.	1.1	312
10	Prenatal prediction of survival in isolated left-sided diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006, 27, 18-22.	1.7	263
11	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.	1.7	236
12	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.	1.3	230
13	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.	1.7	225
14	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
15	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.	1.3	212
16	Long-term cardiovascular consequences of fetal growth restriction: biology, clinical implications, and opportunities for prevention of adult disease. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, S869-S879.	1.3	208
17	A modified myocardial performance (Tei) index based on the use of valve clicks improves reproducibility of fetal left cardiac function assessment. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 26, 227-232.	1.7	202
18	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.	2.4	201

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19	Pregnancy and infant outcome of 80 consecutive cord coagulations in complicated monochorionic multiple pregnancies. American Journal of Obstetrics and Gynecology, 2006, 194, 782-789.	1.3	199
20	Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. New England Journal of Medicine, 2021, 385, 107-118.	27.0	197
21	Longitudinal changes in uterine, umbilical and fetal cerebral Doppler indices in late-onset small-for-gestational age fetuses. Ultrasound in Obstetrics and Gynecology, 2011, 37, 191-195.	1.7	195
22	The Incidence of Human Parvovirus B19 Infection during Pregnancy and Its Impact on Perinatal Outcome. Journal of Infectious Diseases, 1995, 171, 1360-1363.	4.0	193
23	Delayed childbearing. Current Opinion in Obstetrics and Gynecology, 2012, 24, 187-193.	2.0	193
24	Placental sharing, birthweight discordance, and vascular anastomoses in monochorionic diamniotic twin placentas. American Journal of Obstetrics and Gynecology, 2007, 197, 587.e1-587.e8.	1.3	190
25	Monochorionic diamniotic twins: complications and management options. Current Opinion in Obstetrics and Gynecology, 2003, 15, 177-194.	2.0	186
26	Diagnosis and surveillance of late-onset fetal growth restriction. American Journal of Obstetrics and Gynecology, 2018, 218, S790-S802.e1.	1.3	185
27	A comprehensive study of oxidative stress and antioxidant status in preeclampsia and normal pregnancy. Free Radical Biology and Medicine, 2004, 37, 557-570.	2.9	181
28	Prenatal prediction of neonatal morbidity in survivors with congenital diaphragmatic hernia: a multicenter study. Ultrasound in Obstetrics and Gynecology, 2009, 33, 64-69.	1.7	180
29	Clinical outcome and placental characteristics of monochorionic diamniotic twin pairs with early- and late-onset discordant growth. American Journal of Obstetrics and Gynecology, 2008, 199, 511.e1-511.e7.	1.3	174
30	Twin chorionicity and the risk of adverse perinatal outcome. International Journal of Gynecology and Obstetrics, 2007, 96, 98-102.	2.3	168
31	Intertwin anastomoses in monochorionic placentas after fetoscopic laser coagulation for twin-to-twin transfusion syndrome: Is there more than meets the eye?. American Journal of Obstetrics and Gynecology, 2006, 194, 790-795.	1.3	160
32	Prevalence of neurological damage in monochorionic twins with selective intrauterine growth restriction and intermittent absent or reversed end-diastolic umbilical artery flow. Ultrasound in Obstetrics and Gynecology, 2004, 24, 159-163.	1.7	159
33	Value of prenatal magnetic resonance imaging in the prediction of postnatal outcome in fetuses with diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2008, 32, 793-799.	1.7	157
34	An integrated approach to fetal growth restriction. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2017, 38, 48-58.	2.8	152
35	Altered small-world topology of structural brain networks in infants with intrauterine growth restriction and its association with later neurodevelopmental outcome. NeuroImage, 2012, 60, 1352-1366.	4.2	151
36	Differential effects of intrauterine growth restriction on brain structure and development in preterm infants: A magnetic resonance imaging study. Brain Research, 2011, 1382, 98-108.	2.2	149

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37	Prenatal management of the fetus with isolated congenital diaphragmatic hernia in the era of the TOTAL trial. <i>Seminars in Fetal and Neonatal Medicine</i> , 2014, 19, 338-348.	2.3	149
38	Fetal Intervention for Congenital Diaphragmatic Hernia: The European Experience. <i>Seminars in Perinatology</i> , 2005, 29, 94-103.	2.5	148
39	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.	1.3	146
40	Fetal lung-to-head ratio in the prediction of survival in severe left-sided diaphragmatic hernia treated by fetal endoscopic tracheal occlusion (FETO). <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 1646-1650.	1.3	145
41	The making of fetal surgery. <i>Prenatal Diagnosis</i> , 2010, 30, 653-667.	2.3	144
42	Randomized Trial of Fetal Surgery for Moderate Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 119-129.	27.0	143
43	Assisted Reproductive Technologies Are Associated With Cardiovascular Remodeling In Utero That Persists Postnatally. <i>Circulation</i> , 2013, 128, 1442-1450.	1.6	138
44	Consensus definition and essential reporting parameters of selective fetal growth restriction in twin pregnancy: a Delphi procedure. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 47-54.	1.7	136
45	Guidelines for the management of spontaneous preterm labor: identification of spontaneous preterm labor, diagnosis of preterm premature rupture of membranes, and preventive tools for preterm birth. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 659-667.	1.5	135
46	Results of Fetal Endoscopic Tracheal Occlusion for congenital diaphragmatic hernia and the set up of the randomized controlled TOTAL trial. <i>Early Human Development</i> , 2011, 87, 619-624.	1.8	134
47	Estimated weight centile as a predictor of perinatal outcome in small-for-gestational-age pregnancies with normal fetal and maternal Doppler indices. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 39, 299-303.	1.7	129
48	Twin reversed arterial perfusion: fetoscopic laser coagulation of placental anastomoses or the umbilical cord. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006, 28, 688-691.	1.7	128
49	Evaluation of an Optimal Gestational Age Cut-Off for the Definition of Early- and Late-Onset Fetal Growth Restriction. <i>Fetal Diagnosis and Therapy</i> , 2014, 36, 99-105.	1.4	128
50	An integrated model with classification criteria to predict small-for-gestational-age fetuses at risk of adverse perinatal outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 45, 279-285.	1.7	126
51	Gestational-age-adjusted reference values for the modified myocardial performance index for evaluation of fetal left cardiac function. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 29, 321-325.	1.7	124
52	Customised birthweight standards accurately predict perinatal morbidity. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2007, 92, F277-F280.	2.8	121
53	Selective intrauterine growth restriction in monozygotic twins: pathophysiology, diagnostic approach and management dilemmas. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 342-348.	2.3	120
54	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.	1.3	120

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55	Neurodevelopmental outcome of full-term small-for-gestational-age infants with normal placental function. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 201-206.	1.7	120
56	Neurobehavioral outcomes in preterm, growth-restricted infants with and without prenatal advanced signs of brain-sparing. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 288-294.	1.7	119
57	Relationship between skin collagen and bone changes during aging. <i>Maturitas</i> , 1994, 18, 199-206.	2.4	118
58	Fetal Cardiac Function: Technical Considerations and Potential Research and Clinical Applications. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 47-64.	1.4	116
59	Antenatal prediction of lung volume and in-utero treatment by fetal endoscopic tracheal occlusion in severe isolated congenital diaphragmatic hernia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2009, 14, 8-13.	2.3	113
60	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.	2.3	113
61	Monochorionic twins with selective intrauterine growth restriction and intermittent absent or reversed end-diastolic flow (Type III): feasibility and perinatal outcome of fetoscopic placental laser coagulation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 31, 669-675.	1.7	112
62	Risk Factors for Neurodevelopment Impairment in Twin-Twin Transfusion Syndrome Treated With Fetoscopic Laser Surgery. <i>Obstetrics and Gynecology</i> , 2009, 113, 361-366.	2.4	112
63	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.	1.3	110
64	Delayed Childbearing: Effects on Fertility and the Outcome of Pregnancy. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 263-273.	1.4	110
65	Neurobehavior in Term, Small-for-Gestational Age Infants With Normal Placental Function. <i>Pediatrics</i> , 2009, 124, e934-e941.	2.1	108
66	Stage-based approach to the management of fetal growth restriction. <i>Prenatal Diagnosis</i> , 2014, 34, 655-659.	2.3	107
67	Predictiveness of antenatal umbilical artery Doppler for adverse pregnancy outcome in small-for-gestational-age babies according to customised birthweight centiles: population-based study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008, 115, 590-594.	2.3	105
68	Hypoxia Induces Dilated Cardiomyopathy in the Chick Embryo: Mechanism, Intervention, and Long-Term Consequences. <i>PLoS ONE</i> , 2009, 4, e5155.	2.5	105
69	Small-for-gestational-age fetuses with normal umbilical artery Doppler have suboptimal perinatal and neurodevelopmental outcome. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008, 136, 34-38.	1.1	104
70	Placental findings in late-onset SGA births without Doppler signs of placental insufficiency. <i>Placenta</i> , 2013, 34, 1136-1141.	1.5	103
71	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.e1-474.e7.	1.3	99
72	Changes in regional fetal cerebral blood flow perfusion in relation to hemodynamic deterioration in severely growth-restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 71-76.	1.7	98

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73	Current consequences of prenatal diagnosis of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2006, 41, 423-430.	1.6	96
74	A Histological Study of Fetoscopic Membrane Defects to Document Membrane Healing. <i>Placenta</i> , 2006, 27, 452-456.	1.5	96
75	Technical aspects of fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2011, 46, 22-32.	1.6	96
76	Placental exosomes profile in maternal and fetal circulation in intrauterine growth restriction - Liquid biopsies to monitoring fetal growth. <i>Placenta</i> , 2018, 64, 34-43.	1.5	95
77	Incidence and characteristics of umbilical artery intermittent absent and/or reversed end-diastolic flow in complicated and uncomplicated monochorionic twin pregnancies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2004, 23, 456-460.	1.7	94
78	Variation in lipid levels during pregnancy in women with different types of hypertension. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1996, 75, 896-901.	2.8	93
79	The role of ultrasound examination in the first trimester and at 16 weeks' gestation to predict fetal complications in monochorionic diamniotic twin pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 493.e1-493.e7.	1.3	93
80	Differential vulnerability of gray matter and white matter to intrauterine growth restriction in preterm infants at 12 months corrected age. <i>Brain Research</i> , 2014, 1545, 1-11.	2.2	93
81	Percutaneous Fetal Endoscopic Tracheal Occlusion (FETO) for Severe Left-Sided Congenital Diaphragmatic Hernia. <i>Clinical Obstetrics and Gynecology</i> , 2005, 48, 910-922.	1.1	92
82	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.	1.7	92
83	Fractal-dimension analysis detects cerebral changes in preterm infants with and without intrauterine growth restriction. <i>NeuroImage</i> , 2010, 53, 1225-1232.	4.2	91
84	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.	1.3	89
85	Fetal cardiovascular remodeling persists at 6 months in infants with intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 349-356.	1.7	88
86	Current experience with fetoscopy and the Eurofoetus registry for fetoscopic procedures. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000, 92, 151-159.	1.1	87
87	Prenatal diagnosis, prediction of outcome and in utero therapy of isolated congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2008, 28, 581-591.	2.3	86
88	Fetal Surgery for Congenital Diaphragmatic Hernia Is Back from Never Gone. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 6-17.	1.4	86
89	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.	1.7	82
90	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.	1.7	81

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91	Normal Reference Ranges from 11 to 41 Weeksâ€™ Gestation of Fetal Left Modified Myocardial Performance Index by Conventional Doppler with the Use of Stringent Criteria for Delimitation of the Time Periods. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 79-86.	1.4	80
92	Differences in cortical development assessed by fetal MRI in late-onset intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 209, 126.e1-126.e8.	1.3	80
93	Usefulness of circulating microRNAs for the prediction of early preeclampsia at first-trimester of pregnancy. <i>Scientific Reports</i> , 2014, 4, 4882.	3.3	79
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	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.	1.4	78
96	Predictors of neonatal morbidity in fetuses with severe isolated congenital diaphragmatic hernia undergoing fetoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 77-83.	1.7	78
97	Early diagnosis of gestational diabetes mellitus using circulating microRNAs. <i>European Journal of Endocrinology</i> , 2019, 181, 565-577.	3.7	77
98	Screening and Treatment of Asymptomatic Bacteriuria in Pregnancy Prevent Pyelonephritis. <i>Journal of Infectious Diseases</i> , 1994, 169, 1390-1392.	4.0	76
99	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
100	Impact of laser coagulation in severe twinâ€™twin transfusion syndrome on fetal Doppler indices and venous blood flow volume. <i>Ultrasound in Obstetrics and Gynecology</i> , 2002, 20, 125-130.	1.7	74
101	Value of annular Mâ€™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.	1.7	74
102	Evidence of secondâ€™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.	1.7	74
103	Middle versus anterior cerebral artery Doppler for the prediction of perinatal outcome and neonatal neurobehavior in term smallâ€™forâ€™gestationalâ€™age fetuses with normal umbilical artery Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 35, 456-461.	1.7	73
104	Feasibility and Reproducibility of a Standard Protocol for 2D Speckle Tracking and Tissue Doppler-Based Strain and Strain Rate Analysis of the Fetal Heart. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 96-108.	1.4	73
105	Neonatal Neurobehavior and Diffusion MRI Changes in Brain Reorganization Due to Intrauterine Growth Restriction in a Rabbit Model. <i>PLoS ONE</i> , 2012, 7, e31497.	2.5	73
106	Heavy metals exposure levels and their correlation with different clinical forms of fetal growth restriction. <i>PLoS ONE</i> , 2017, 12, e0185645.	2.5	73
107	Abnormal firstâ€™trimester ductus venosus blood flow: a marker of cardiac defects in fetuses with normal karyotype and nuchal translucency. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 35, 267-272.	1.7	72
108	A Systematic Approach to the Differential Diagnosis and Management of the Complications of Monochorionic Twin Pregnancies. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 145-155.	1.4	72

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109	Conservative Versus Surgical Treatment for Complex Neonatal Ovarian Cysts: Outcomes Study. American Journal of Roentgenology, 2005, 185, 501-508.	2.2	71
110	Changing Perspectives on the Perinatal Management of Isolated Congenital Diaphragmatic Hernia in Europe. Clinics in Perinatology, 2009, 36, 329-347.	2.1	71
111	EVERREST prospective study: a 6-year prospective study to define the clinical and biological characteristics of pregnancies affected by severe early onset fetal growth restriction. BMC Pregnancy and Childbirth, 2017, 17, 43.	2.4	71
112	Cord occlusion techniques for selective termination in monochorionic twins. Journal of Perinatal Medicine, 1999, 27, 327-38.	1.4	70
113	A fetal cardiovascular score to predict infant hypertension and arterial remodeling in intrauterine growth restriction. American Journal of Obstetrics and Gynecology, 2014, 210, 552.e1-552.e22.	1.3	70
114	Postsystolic Shortening by Myocardial Deformation Imaging as a Sign of Cardiac Adaptation to Pressure Overload in Fetal Growth Restriction. Circulation: Cardiovascular Imaging, 2014, 7, 781-787.	2.6	70
115	Selective intrauterine growth restriction in monochorionic diamniotic twin pregnancies. Seminars in Fetal and Neonatal Medicine, 2017, 22, 376-382.	2.3	70
116	Lipid peroxide and vitamin E patterns in pregnant women with different types of hypertension in pregnancy. American Journal of Obstetrics and Gynecology, 1998, 178, 1072-1076.	1.3	69
117	Descriptive analysis of different phenotypes of cardiac remodeling in fetal growth restriction. Ultrasound in Obstetrics and Gynecology, 2017, 50, 207-214.	1.7	69
118	Seroprevalence and presentation of SARS-CoV-2 in pregnancy. Lancet, The, 2020, 396, 530-531.	13.7	69
119	Doppler changes in the main fetal brain arteries at different stages of hemodynamic adaptation in severe intrauterine growth restriction. Ultrasound in Obstetrics and Gynecology, 2007, 30, 297-302.	1.7	68
120	Doppler assessment of the aortic isthmus and perinatal outcome in preterm fetuses with severe intrauterine growth restriction. Ultrasound in Obstetrics and Gynecology, 2008, 31, 41-47.	1.7	68
121	Abnormal brain microstructure and metabolism in small-for-gestational-age term fetuses with normal umbilical artery Doppler. Ultrasound in Obstetrics and Gynecology, 2010, 36, 159-165.	1.7	68
122	Mid-gestation brain Doppler and head biometry in fetuses with congenital heart disease predict abnormal brain development at birth. Ultrasound in Obstetrics and Gynecology, 2016, 47, 65-73.	1.7	68
123	Timing of lung size assessment in the prediction of survival in fetuses with diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2008, 31, 37-40.	1.7	67
124	Three-dimensional sonographic calculation of the volume of intracranial structures in growth-restricted and appropriate-for-gestational age fetuses. Ultrasound in Obstetrics and Gynecology, 2009, 33, 530-537.	1.7	67
125	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. Ultrasound in Obstetrics and Gynecology, 2011, 38, 400-405.	1.7	67
126	First-trimester screening with specific algorithms for early- and late-onset fetal growth restriction. Ultrasound in Obstetrics and Gynecology, 2016, 48, 340-348.	1.7	67

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127	Fetoscopic endoluminal tracheal occlusion and reestablishment of fetal airways for congenital diaphragmatic hernia. <i>Gynecological Surgery</i> , 2018, 15, 9.	0.9	67
128	Angiogenic factors at diagnosis of late-onset small-for-gestational age and histological placental underperfusion. <i>Placenta</i> , 2014, 35, 398-403.	1.5	66
129	Segmentation and classification in MRI and US fetal imaging: Recent trends and future prospects. <i>Medical Image Analysis</i> , 2019, 51, 61-88.	11.6	66
130	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.	1.7	65
131	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.	1.7	65
132	Right-sided congenital diaphragmatic hernia in a decade of fetal surgery. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 940-946.	2.3	65
133	Twin-to-twin transfusion syndrome (TTTS)*. <i>Journal of Perinatal Medicine</i> , 2011, 39, 107-12.	1.4	64
134	Association of Doppler parameters with placental signs of underperfusion in late-onset small-for-gestational-age pregnancies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 44, 330-337.	1.7	64
135	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.	2.5	63
136	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.	1.7	63
137	Gestational age is more important for short-term neonatal outcome than microbial invasion of the amniotic cavity or intra-amniotic inflammation in preterm prelabor rupture of membranes. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 926-933.	2.8	63
138	Quantitative ultrasound texture analysis of fetal lungs to predict neonatal respiratory morbidity. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 45, 427-433.	1.7	62
139	Association between intrapulmonary arterial Doppler parameters and degree of lung growth as measured by lung-to-head ratio in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 31, 164-170.	1.7	61
140	Clinical and inflammatory markers in amniotic fluid as predictors of adverse outcomes in preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 126.e1-126.e8.	1.3	60
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