

# Elisenda Eixarch

## List of Publications by Citations

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141  
papers

3,320  
citations

30  
h-index

55  
g-index

233  
ext. papers

3,978  
ext. citations

5  
avg. IF

5.06  
L-index

#	Paper	IF	Citations
141	Fetal growth restriction results in remodeled and less efficient hearts in children. <i>Circulation</i> , <b>2010</b> , 121, 2427-36	16.7	289
140	Customized birthweight standards for a Spanish population. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2008</b> , 136, 20-4	2.4	264
139	Cardiac dysfunction and cell damage across clinical stages of severity in growth-restricted fetuses. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 199, 254.e1-8	6.4	191
138	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> , <b>2008</b> , 32, 894-9	5.8	185
137	Maternal psychosocial stress during pregnancy alters the epigenetic signature of the glucocorticoid receptor gene promoter in their offspring: a meta-analysis. <i>Epigenetics</i> , <b>2015</b> , 10, 893-902	5.7	131
136	Altered small-world topology of structural brain networks in infants with intrauterine growth restriction and its association with later neurodevelopmental outcome. <i>NeuroImage</i> , <b>2012</b> , 60, 1352-66	7.9	128
135	Diagnosis and surveillance of late-onset fetal growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 218, S790-S802.e1	6.4	121
134	Differential effects of intrauterine growth restriction on brain structure and development in preterm infants: a magnetic resonance imaging study. <i>Brain Research</i> , <b>2011</b> , 1382, 98-108	3.7	118
133	Customised birthweight standards accurately predict perinatal morbidity. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2007</b> , 92, F277-80	4.7	104
132	Selective intrauterine growth restriction in monozygotic twins: pathophysiology, diagnostic approach and management dilemmas. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2010</b> , 15, 342-8	3.7	94
131	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> , <b>2008</b> , 115, 590-4	3.7	91
130	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> , <b>2009</b> , 34, 430-6	5.8	68
129	Neonatal neurobehavior and diffusion MRI changes in brain reorganization due to intrauterine growth restriction in a rabbit model. <i>PLoS ONE</i> , <b>2012</b> , 7, e31497	3.7	60
128	Monitoring of fetuses with intrauterine growth restriction: longitudinal changes in ductus venosus and aortic isthmus flow. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 33, 39-43	5.8	55
127	Stress symptoms and burnout in obstetric and gynaecology residents. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2007</b> , 114, 94-8	3.7	55
126	Cisterna magna width at 11-13 weeks in the detection of posterior fossa anomalies. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2013</b> , 41, 515-20	5.8	46
125	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> , <b>2011</b> , 32, 304-9	3.4	42

124	Selective intrauterine growth restriction in monochorionic diamniotic twin pregnancies. <i>Prenatal Diagnosis</i> , <b>2010</b> , 30, 719-26	3.2	42
123	Normalization of similarity-based individual brain networks from gray matter MRI and its association with neurodevelopment in infants with intrauterine growth restriction. <i>NeuroImage</i> , <b>2013</b> , 83, 901-11	7.9	41
122	An experimental model of fetal growth restriction based on selective ligation of uteroplacental vessels in the pregnant rabbit. <i>Fetal Diagnosis and Therapy</i> , <b>2009</b> , 26, 203-11	2.4	41
121	Segmentation and classification in MRI and US fetal imaging: Recent trends and future prospects. <i>Medical Image Analysis</i> , <b>2019</b> , 51, 61-88	15.4	40
120	The ins and outs of the BCCAO model for chronic hypoperfusion: a multimodal and longitudinal MRI approach. <i>PLoS ONE</i> , <b>2013</b> , 8, e74631	3.7	39
119	Selective intrauterine growth restriction in monochorionic diamniotic twin pregnancies. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2017</b> , 22, 376-382	3.7	38
118	Outcome prediction in monochorionic diamniotic twin pregnancies with moderately discordant amniotic fluid. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2011</b> , 37, 15-21	5.8	38
117	Metabolomics reveals metabolic alterations by intrauterine growth restriction in the fetal rabbit brain. <i>PLoS ONE</i> , <b>2013</b> , 8, e64545	3.7	36
116	Balloon removal after fetoscopic endoluminal tracheal occlusion for congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 217, 78.e1-78.e11	6.4	35
115	Cord Occlusion in Monochorionic Twins with Early Selective Intrauterine Growth Restriction and Abnormal Umbilical Artery Doppler: A Consecutive Series of 90 Cases. <i>Fetal Diagnosis and Therapy</i> , <b>2016</b> , 39, 186-91	2.4	35
114	Fetoscopic laser surgery for twin-to-twin transfusion syndrome after 26 weeks of gestation. <i>Fetal Diagnosis and Therapy</i> , <b>2012</b> , 31, 30-4	2.4	33
113	Incidence and clinical implications of early inadvertent septostomy after laser therapy for twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2011</b> , 37, 458-62	5.8	33
112	Premature placental aging in term small-for-gestational-age and growth-restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 53, 615-622	5.8	32
111	Long-term functional outcomes and correlation with regional brain connectivity by MRI diffusion tractography metrics in a near-term rabbit model of intrauterine growth restriction. <i>PLoS ONE</i> , <b>2013</b> , 8, e76453	3.7	30
110	Evaluation of fetal vocal cords to select candidates for successful fetoscopic treatment of congenital high airway obstruction syndrome: preliminary case series. <i>Fetal Diagnosis and Therapy</i> , <b>2013</b> , 34, 77-84	2.4	28
109	A magnetic resonance image based atlas of the rabbit brain for automatic parcellation. <i>PLoS ONE</i> , <b>2013</b> , 8, e67418	3.7	28
108	Chorioamniotic membrane separation after fetoscopy in monochorionic twin pregnancy: incidence and impact on perinatal outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2016</b> , 47, 345-9	5.8	28
107	Cord occlusion followed by laser cord transection in monochorionic monoamniotic discordant twins. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2011</b> , 37, 684-8	5.8	27

106	Toward the automatic quantification of in utero brain development in 3D structural MRI: A review. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 2772-2787	5.9	26
105	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> , <b>2019</b> , 54, 609-616	5.8	25
104	Long-term reorganization of structural brain networks in a rabbit model of intrauterine growth restriction. <i>NeuroImage</i> , <b>2014</b> , 100, 24-38	7.9	24
103	Prenatal adverse environment is associated with epigenetic age deceleration at birth and hypomethylation at the hypoxia-responsive EP300 gene. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 73	7.7	23
102	Micro-needle implantable electrochemical oxygen sensor: ex-vivo and in-vivo studies. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 153, 112028	11.8	23
101	Motor and cortico-striatal-thalamic connectivity alterations in intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , <b>2016</b> , 214, 725.e1-9	6.4	23
100	Does pre-eclampsia influence fetal cardiovascular function in early-onset intrauterine growth restriction?. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 34, 660-5	5.8	22
99	Second- to third-trimester longitudinal growth assessment for prediction of small-for-gestational age and late fetal growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2018</b> , 51, 219-224	5.8	21
98	Fully automatic 3D reconstruction of the placenta and its peripheral vasculature in intrauterine fetal MRI. <i>Medical Image Analysis</i> , <b>2019</b> , 54, 263-279	15.4	20
97	Middle cerebral artery pulsatility index: reliability at different sampling sites. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2006</b> , 28, 809-13	5.8	20
96	The impact of prenatal insults on the human placental epigenome: A systematic review. <i>Neurotoxicology and Teratology</i> , <b>2018</b> , 66, 80-93	3.9	19
95	Preoperative prediction of the individualized risk of early fetal death after laser therapy in twin-to-twin transfusion syndrome. <i>Prenatal Diagnosis</i> , <b>2013</b> , 33, 1033-8	3.2	18
94	Prediction of adverse perinatal outcome at term in small-for-gestational age fetuses: comparison of growth velocity vs. customized assessment. <i>Journal of Perinatal Medicine</i> , <b>2008</b> , 36, 531-5	2.7	18
93	Structural Brain Network Reorganization and Social Cognition Related to Adverse Perinatal Condition from Infancy to Early Adolescence. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 560	5.1	18
92	Metabolic profiling and targeted lipidomics reveals a disturbed lipid profile in mothers and fetuses with intrauterine growth restriction. <i>Scientific Reports</i> , <b>2018</b> , 8, 13614	4.9	18
91	Altered resting-state whole-brain functional networks of neonates with intrauterine growth restriction. <i>Cortex</i> , <b>2016</b> , 77, 119-131	3.8	17
90	Intrauterine growth restriction modifies the normal gene expression in kidney from rabbit fetuses. <i>Early Human Development</i> , <b>2012</b> , 88, 899-904	2.2	17
89	Genetic profile of isolated congenital diaphragmatic hernia revealed by targeted next-generation sequencing. <i>Prenatal Diagnosis</i> , <b>2018</b> , 38, 654-663	3.2	16

88	Evaluation of deep convolutional neural networks for automatic classification of common maternal fetal ultrasound planes. <i>Scientific Reports</i> , <b>2020</b> , 10, 10200	4.9	15
87	Brain metabolite alterations in infants born preterm with intrauterine growth restriction: association with structural changes and neurodevelopmental outcome. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 216, 62.e1-62.e14	6.4	14
86	Longitudinal growth assessment for prediction of adverse perinatal outcome in fetuses suspected to be small-for-gestational age. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2018</b> , 52, 325-331	5.8	13
85	Rate and Outcomes of Pulmonary Stenosis and Functional Pulmonary Atresia in Recipient Twins with Twin-Twin Transfusion Syndrome. <i>Fetal Diagnosis and Therapy</i> , <b>2017</b> , 41, 191-196	2.4	12
84	Fetal cortical surface atlas parcellation based on growth patterns. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3881-3899	5.9	11
83	Neurodevelopmental Effects of Undernutrition and Placental Underperfusion in Fetal Growth Restriction Rabbit Models. <i>Fetal Diagnosis and Therapy</i> , <b>2017</b> , 42, 189-197	2.4	10
82	Fetoscopic laser surgery to decompress distal urethral obstruction caused by prolapsed ureterocele. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2015</b> , 46, 623-6	5.8	10
81	Cortical folding alterations in fetuses with isolated non-severe ventriculomegaly. <i>NeuroImage: Clinical</i> , <b>2018</b> , 18, 103-114	5.3	10
80	TTTS-GPS: Patient-specific preoperative planning and simulation platform for twin-to-twin transfusion syndrome fetal surgery. <i>Computer Methods and Programs in Biomedicine</i> , <b>2019</b> , 179, 104993	6.9	10
79	Longitudinal annular displacement by M-mode (MAPSE and TAPSE) in twin-to-twin transfusion syndrome before and after laser surgery. <i>Prenatal Diagnosis</i> , <b>2015</b> , 35, 1197-201	3.2	9
78	Gender-Specific Antenatal Growth Reference Charts in Monochorionic Twins. <i>Fetal Diagnosis and Therapy</i> , <b>2018</b> , 44, 202-209	2.4	8
77	Early Environmental Enrichment Enhances Abnormal Brain Connectivity in a Rabbit Model of Intrauterine Growth Restriction. <i>Fetal Diagnosis and Therapy</i> , <b>2018</b> , 44, 184-193	2.4	8
76	Learning and combining image neighborhoods using random forests for neonatal brain disease classification. <i>Medical Image Analysis</i> , <b>2017</b> , 42, 189-199	15.4	8
75	Clinical and biochemical predictors of very preterm birth in twin-to-twin transfusion syndrome treated by fetoscopy. <i>American Journal of Obstetrics and Gynecology</i> , <b>2011</b> , 204, 58.e1-5	6.4	8
74	Leiomyomatosis peritonealis disseminata (2006: 9b). <i>European Radiology</i> , <b>2006</b> , 16, 2879-82	8	8
73	Assessment of Radiomics and Deep Learning for the Segmentation of Fetal and Maternal Anatomy in Magnetic Resonance Imaging and Ultrasound. <i>Academic Radiology</i> , <b>2021</b> , 28, 173-188	4.3	8
72	Differential Changes in Myocardial Performance Index and Its Time Intervals in Donors and Recipients of Twin-to-Twin Transfusion Syndrome before and after Laser Therapy. <i>Fetal Diagnosis and Therapy</i> , <b>2018</b> , 44, 305-310	2.4	6
71	Altered cortical development in fetuses with isolated nonsevere ventriculomegaly assessed by neurosonography. <i>Prenatal Diagnosis</i> , <b>2018</b> , 38, 365-375	3.2	6

70	Second- to Third-Trimester Longitudinal Growth Assessment for the Prediction of Largeness for Gestational Age and Macrosomia in an Unselected Population. <i>Fetal Diagnosis and Therapy</i> , <b>2018</b> , 43, 284-290	2.4	6
69	Acute coronary artery vasospasm associated with misoprostol for termination of pregnancy. <i>Fetal Diagnosis and Therapy</i> , <b>2010</b> , 27, 174-7	2.4	6
68	Ten-year experience of protocol-based management of small-for-gestational-age fetuses: perinatal outcome in late-pregnancy cases diagnosed after 32 weeks. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 57, 62-69	5.8	6
67	THE PRENATAL MANAGEMENT OF NEURAL TUBE DEFECTS: TIME FOR A RE-APPRAISAL. <i>Fetal and Maternal Medicine Review</i> , <b>2012</b> , 23, 158-186		5
66	Nitric oxide synthase and changes in oxidative stress levels in embryonic kidney observed in a rabbit model of intrauterine growth restriction. <i>Prenatal Diagnosis</i> , <b>2016</b> , 36, 628-35	3.2	5
65	Oxidative damage and nitric oxide synthase induction by surgical uteroplacental circulation restriction in the rabbit fetal heart. <i>Prenatal Diagnosis</i> , <b>2017</b> , 37, 453-459	3.2	4
64	A novel approach to multiple anatomical shape analysis: Application to fetal ventriculomegaly. <i>Medical Image Analysis</i> , <b>2020</b> , 64, 101750	15.4	4
63	Fetal echocardiography and pulsed-wave Doppler ultrasound in a rabbit model of intrauterine growth restriction. <i>Journal of Visualized Experiments</i> , <b>2013</b> ,	1.6	4
62	Ex-vivo mechanical sealing properties and toxicity of a bioadhesive patch as sealing system for fetal membrane iatrogenic defects. <i>Scientific Reports</i> , <b>2020</b> , 10, 18608	4.9	4
61	in vivo Monitoring with micro-implantable hypoxia sensor based on tissue acidosis. <i>Talanta</i> , <b>2021</b> , 226, 122045	6.2	4
60	Learning to combine complementary segmentation methods for fetal and 6-month infant brain MRI segmentation. <i>Computerized Medical Imaging and Graphics</i> , <b>2018</b> , 69, 52-59	7.6	4
59	Automatic Segmentation Of the Placenta and its Peripheral Vasculature in Volumetric Ultrasound for TTTS Fetal Surgery <b>2019</b> ,		3
58	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> , <b>2019</b> , 40, 1567-1574	4.4	3
57	Structural Brain Changes during the Neonatal Period in a Rabbit Model of Intrauterine Growth Restriction. <i>Developmental Neuroscience</i> , <b>2020</b> , 42, 217-229	2.2	3
56	Fetal neurosonography detects differences in cortical development and corpus callosum in late-onset small fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 58, 42-47	5.8	3
55	Longitudinal Assessment of Abdominal Circumference versus Estimated Fetal Weight in the Detection of Late Fetal Growth Restriction. <i>Fetal Diagnosis and Therapy</i> , <b>2019</b> , 45, 230-237	2.4	3
54	Blood parameters in fetuses infected with cytomegalovirus according to the severity of brain damage and trimester of pregnancy at cordocentesis. <i>Journal of Clinical Virology</i> , <b>2019</b> , 119, 37-43	14.5	2
53	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> , <b>2010</b> , 36, 69-69	5.8	2



52	Arterial, venous and intracardiac parameters in growth-restricted fetuses: associations with adverse perinatal outcome. <i>Ultrasound Review of Obstetrics and Gynecology</i> , <b>2004</b> , 4, 179-185		2
51	Intraamniotic sealing of fetoscopic membrane defects in ex vivo and in vivo sheep models using an integrated semi-rigid bioadhesive patch.. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , <b>2022</b> , 100593	7.4	2
50	Complications of Monochorionic Diamniotic Twins: Stepwise Approach for Early Identification, Differential Diagnosis, and Clinical Management. <i>Maternal-Fetal Medicine</i> , <b>2021</b> , 3, 42-52	0.6	2
49	Next-Generation Sequencing Gene Panels and "Solo" Clinical Exome Sequencing Applied in Structurally Abnormal Fetuses. <i>Fetal Diagnosis and Therapy</i> , <b>2021</b> , 1-11	2.4	2
48	Zika virus infection in pregnant travellers and impact on childhood neurodevelopment in the first two years of life: A prospective observational study. <i>Travel Medicine and Infectious Disease</i> , <b>2021</b> , 40, 101985	8.4	2
47	Patch spaces and fusion strategies in patch-based label fusion. <i>Computerized Medical Imaging and Graphics</i> , <b>2019</b> , 71, 79-89	7.6	2
46	Revealing Regional Associations of Cortical Folding Alterations with In Utero Ventricular Dilation Using Joint Spectral Embedding. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 11072, 620-627	0.9	2
45	FETAL CORTICAL PARCELLATION BASED ON GROWTH PATTERNS <b>2018</b> , 2018, 696-699	1.5	2
44	Left myocardial performance index in monochorionic diamniotic twin pairs complicated by selective fetal growth restriction with abnormal umbilical artery Doppler. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 1504-1509 <sup>3,2</sup>		2
43	Analysis of maturation features in fetal brain ultrasound via artificial intelligence for the estimation of gestational age. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , <b>2021</b> , 3, 100462	7.4	2
42	Multicenter prospective clinical study to evaluate children short-term neurodevelopmental outcome in congenital heart disease (children NEURO-HEART): study protocol. <i>BMC Pediatrics</i> , <b>2019</b> , 19, 326	2.6	1
41	Maternal high-dose valacyclovir and its correlation with newborn blood viral load and outcome in congenital cytomegalovirus infection. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 1-5	2	1
40	Third-Trimester Conditional Reference Values for Longitudinal Fetal Growth Assessment. <i>Fetal Diagnosis and Therapy</i> , <b>2018</b> , 43, 34-39	2.4	1
39	DIAGNOSIS AND MANAGEMENT OF SELECTIVE FETAL GROWTH RESTRICTION IN MONOCHORIONIC TWINS. <i>Fetal and Maternal Medicine Review</i> , <b>2009</b> , 20, 269-281		1
38	OC22.05: Perinatal outcome after laser treatment of recipient twins affected by right ventricle outflow tract obstruction. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 34, 41-41	5.8	1
37	OC22.06: Cardiovascular dysfunction in monochorionic pregnancies with twin-to-twin transfusion syndrome to predict fetal demise. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 34, 41-42	5.8	1
36	OC29.06: Association between myocardial dysfunction/damage and perinatal death in IUGR fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 34, 57-57	5.8	1
35	Altered structural brain network topology in infants with intrauterine growth restriction <b>2012</b> ,		1

34	OC246: Selective ligation of uteroplacental vessels in the pregnant rabbit: a novel experimental model of intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 442-443	5.8	1
33	OP10.03: Fetal cardiac function at different stages of severity in twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 486-487	5.8	1
32	Altura uterina: curvas de normalidad y valor diagnóstico para un bajo peso neonatal. <i>Progresos En Obstetricia Y Ginecologia</i> , <b>2005</b> , 48, 480-486	0	1
31	Non-invasive monitoring of pH and oxygen using miniaturized electrochemical sensors in an animal model of acute hypoxia. <i>Journal of Translational Medicine</i> , <b>2021</b> , 19, 53	8.5	1
30	Fetal MRI Synthesis via Balanced Auto-Encoder Based Generative Adversarial Networks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2018</b> , 2018, 2599-2602	0.9	1
29	Computational pipeline for the generation and validation of patient-specific mechanical models of brain development. <i>Brain Multiphysics</i> , <b>2022</b> , 3, 100045	4.2	1
28	TTTS-STgan: Stacked Generative Adversarial Networks for TTTS Fetal Surgery Planning Based on 3D Ultrasound. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 3595-3606	11.7	0
27	Risk Factors Associated with Preterm Prelabor Rupture of Membranes after Cord Occlusion in Monochorionic Diamniotic Twins. <i>Fetal Diagnosis and Therapy</i> , <b>2021</b> , 48, 457-463	2.4	0
26	Deep Q-CapsNet Reinforcement Learning Framework for Intrauterine Cavity Segmentation in TTTS Fetal Surgery Planning. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 3113-3124	11.7	0
25	Fetal ischemia monitoring with in vivo implanted electrochemical multiparametric microsensors.. <i>Journal of Biological Engineering</i> , <b>2021</b> , 15, 28	6.3	0
24	Clinical Outcome and Management of Selective Fetal Growth Restriction in Monochorionic Twins <b>2019</b> , 392-397		
23	OP26.07: Perinatal outcome of fetoscopic laser surgery for severe Twin-twin transfusion syndrome in early gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2017</b> , 50, 134-134	5.8	
22	Complicaciones del embarazo gemelar monocorial: claves para el diagnóstico y tratamiento. <i>Diagnostico Prenatal</i> , <b>2012</b> , 23, 93-101		
21	A Intrauterine Growth Restriction Model in Pregnant Rabbit Produces Neonatal Neurobehavioural Impairment. <i>Pediatric Research</i> , <b>2011</b> , 70, 170-170	3.2	
20	OP14.01: Apparently isolated prenatal interhemispheric cystic lesions: rate of associated anomalies after advanced neurosonography. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2011</b> , 38, 94-94	5.8	
19	OP14.02: Neurodevelopmental outcome of posterior fossa anomalies with uncertain prognosis. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2011</b> , 38, 94-95	5.8	
18	OP17.11: Cord occlusion in a clinical series of 103 monochorionic pregnancies: Impact of early (? 18 weeks) versus later treatment in outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2011</b> , 38, 107-108	5.8	
17	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> , <b>2009</b> , 34, 3-3	5.8	



16	OC22.07: Contribution of Doppler and cardiac function evaluation to the prediction of the individualized risk of early fetal demise after laser therapy in twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 34, 42-42	5.8
15	OP08.03: Chromosomal anomalies spectrum in missed miscarriages in relation to embryo appearance. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 34, 85-85	5.8
14	P20.01: Growth deficit in term small-for-gestational fetuses with normal umbilical artery Doppler is associated with adverse outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2009</b> , 34, 257-257	5.8
13	OC07.02: Fetoscopic laser surgery for twin-twin transfusion syndrome after 26 weeks of gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2010</b> , 36, 13-13	5.8
12	OC07.05: Incidence and clinical implications of unintended septostomy after fetoscopic laser therapy for twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2010</b> , 36, 14-14	5.8
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