

Jan Deprest

List of Publications by Year in descending order

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659
papers

25,369
citations

9264

74
h-index

14759

127
g-index

707
all docs

707
docs citations

707
times ranked

11025
citing authors

#	ARTICLE	IF	CITATIONS
1	Endoscopic Laser Surgery versus Serial Amnioreduction for Severe Twin-to-Twin Transfusion Syndrome. <i>New England Journal of Medicine</i> , 2004, 351, 136-144.	27.0	1,213
2	Interactive Medical Image Segmentation Using Deep Learning With Image-Specific Fine Tuning. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1562-1573.	8.9	541
3	Observed to expected lung area to head circumference ratio in the prediction of survival in fetuses with isolated diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 67-71.	1.7	512
4	Standardized Postnatal Management of Infants with Congenital Diaphragmatic Hernia in Europe: The CDH EURO Consortium Consensus - 2015 Update. <i>Neonatology</i> , 2016, 110, 66-74.	2.0	454
5	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
6	Severe diaphragmatic hernia treated by fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 304-310.	1.7	379
7	Fetoscopic 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
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	Prevalence and management of late fetal complications following successful selective laser coagulation of chorionic plate anastomoses in twin-to-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 796-803.	1.3	311
10	An international urogynecological association (IUGA)/international continence society (ICS) joint terminology and classification of the complications related directly to the insertion of prostheses (meshes, implants, tapes) and grafts in female pelvic floor surgery. <i>Neurourology and Urodynamics</i> , 2011, 30, 2-12.	1.5	281
11	Fetoscopic laser coagulation of the vascular equator versus selective coagulation for twin-to-twin transfusion syndrome: an open-label randomised controlled trial. <i>Lancet, The</i> , 2014, 383, 2144-2151.	13.7	272
12	DeepGeoS: A Deep Interactive Geodesic Framework for Medical Image Segmentation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019, 41, 1559-1572.	13.9	269
13	Prenatal prediction of survival in isolated left-sided diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006, 27, 18-22.	1.7	263
14	An International Urogynecological Association (IUGA) / International Continence Society (ICS) joint terminology and classification of the complications related directly to the insertion of prostheses (meshes, implants, tapes) & grafts in female pelvic floor surgery. <i>International Urogynecology Journal</i> , 2011, 22, 3-15.	1.4	252
15	Prenatal detection and outcome of congenital diaphragmatic hernia: a French registry-based study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 29, 276-283.	1.7	209
16	The vascular anastomoses in monochorionic twin pregnancies and their clinical consequences. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 208, 19-30.	1.3	203
17	Pregnancy and infant outcome of 80 consecutive cord coagulations in complicated monochorionic multiple pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 782-789.	1.3	199
18	Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 107-118.	27.0	197

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19	Placental sharing, birthweight discordance, and vascular anastomoses in monochorionic diamniotic twin placentas. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, 587.e1-587.e8.	1.3	190
20	Prenatal prediction of neonatal morbidity in survivors with congenital diaphragmatic hernia: a multicenter study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 33, 64-69.	1.7	180
21	Bipolar coagulation of the umbilical cord in complicated monochorionic twin pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 182, 340-345.	1.3	179
22	Clinical outcome and placental characteristics of monochorionic diamniotic twin pairs with early- and late-onset discordant growth. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 511.e1-511.e7.	1.3	174
23	Hernia repair: the search for ideal meshes. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2010, 14, 81-87.	2.0	173
24	Consensus Statement of the European Urology Association and the European Urogynaecological Association on the Use of Implanted Materials for Treating Pelvic Organ Prolapse and Stress Urinary Incontinence. <i>European Urology</i> , 2017, 72, 424-431.	1.9	165
25	The plug-unplug sequence: An important step to achieve type II pneumocyte maturation in the fetal lamb model. <i>Journal of Pediatric Surgery</i> , 1998, 33, 299-303.	1.6	162
26	Intertwin anastomoses in monochorionic placentas after fetoscopic laser coagulation for twin-to-twin transfusion syndrome: Is there more than meets the eye?. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 790-795.	1.3	160
27	An automated framework for localization, segmentation and super-resolution reconstruction of fetal brain MRI. <i>NeuroImage</i> , 2020, 206, 116324.	4.2	160
28	Prevalence of neurological damage in monochorionic twins with selective intrauterine growth restriction and intermittent absent or reversed end-diastolic umbilical artery flow. <i>Ultrasound in Obstetrics and Gynecology</i> , 2004, 24, 159-163.	1.7	159
29	Value of prenatal magnetic resonance imaging in the prediction of postnatal outcome in fetuses with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 793-799.	1.7	157
30	Fetoscopic versus Open Repair for Spina Bifida Aperta: A Systematic Review of Outcomes. <i>Fetal Diagnosis and Therapy</i> , 2016, 39, 161-171.	1.4	153
31	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
32	Fetal Intervention for Congenital Diaphragmatic Hernia: The European Experience. <i>Seminars in Perinatology</i> , 2005, 29, 94-103.	2.5	148
33	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
34	The making of fetal surgery. <i>Prenatal Diagnosis</i> , 2010, 30, 653-667.	2.3	144
35	Randomized Trial of Fetal Surgery for Moderate Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 119-129.	27.0	143
36	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

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37	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
38	On the origin of amniotic stem cells: of mice and men. <i>International Journal of Developmental Biology</i> , 2010, 54, 761-777.	0.6	127
39	Congenital diaphragmatic hernia. <i>European Respiratory Journal</i> , 2012, 39, 820-829.	6.7	127
40	Prenatal prediction of survival in isolated diaphragmatic hernia using observed to expected total fetal lung volume determined by magnetic resonance imaging based on either gestational age or fetal body volume. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 633-639.	1.7	122
41	Fetal membrane healing after spontaneous and iatrogenic membrane rupture: A review of current evidence. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 1512-1520.	1.3	121
42	Quantification of intrathoracic liver herniation by magnetic resonance imaging and prediction of postnatal survival in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 627-632.	1.7	121
43	Assessment of fetal cardiac function before and after therapy for twin-to-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 400.e1-400.e7.	1.3	119
44	Lung Volumes in Fetuses with Congenital Diaphragmatic Hernia: Comparison of 3D US and MR Imaging Assessments. <i>Radiology</i> , 2007, 244, 575-582.	7.3	118
45	Host response after reconstruction of abdominal wall defects with porcine dermal collagen in a rat model. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 1961-1970.	1.3	114
46	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
47	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
48	The pregnancy and long-term neurodevelopmental outcome of monochorionic diamniotic twin gestations: a multicenter prospective cohort study from the first trimester onward. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 494.e1-494.e8.	1.3	109
49	Injectable candidate sealants for fetal membrane repair: bonding and toxicity in vitro. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 202, 85.e1-85.e9.	1.3	109
50	Experience with fetoscopic cord ligation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998, 81, 157-164.	1.1	105
51	Associated malformations and chromosomal anomalies in 42 cases of prenatally diagnosed diaphragmatic hernia. <i>American Journal of Medical Genetics Part A</i> , 2001, 103, 278-282.	2.4	105
52	Comparison of host response to polypropylene and non-crosslinked porcine small intestine serosal-derived collagen implants in a rat model. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 1554-1560.	2.3	104
53	Medium-Term Anatomic and Functional Results of Laparoscopic Sacrocolpopexy Beyond the Learning Curve. <i>European Urology</i> , 2009, 55, 1459-1468.	1.9	103
54	Placental Characteristics in Monochorionic Twins With and Without Twin Anemia-Polycythemia Sequence. <i>Obstetrics and Gynecology</i> , 2008, 112, 753-758.	2.4	99

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55	Current consequences of prenatal diagnosis of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2006, 41, 423-430.	1.6	96
56	The biology behind fascial defects and the use of implants in pelvic organ prolapse repair. <i>International Urogynecology Journal</i> , 2006, 17, 16-25.	1.4	96
57	A Histological Study of Fetoscopic Membrane Defects to Document Membrane Healing. <i>Placenta</i> , 2006, 27, 452-456.	1.5	96
58	Technical aspects of fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2011, 46, 22-32.	1.6	96
59	Carbon Dioxide Pneumoamnios Causes Acidosis in Fetal Lamb. <i>Fetal Diagnosis and Therapy</i> , 1994, 9, 105-109.	1.4	95
60	Fetal Body Volume: Use at MR Imaging to Quantify Relative Lung Volume in Fetuses Suspected of Having Pulmonary Hypoplasia. <i>Radiology</i> , 2006, 241, 847-853.	7.3	95
61	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
62	Fetal Tracheal Occlusion for Severe Pulmonary Hypoplasia in Isolated Congenital Diaphragmatic Hernia. <i>Annals of Surgery</i> , 2016, 264, 929-933.	4.2	94
63	Maternal complications following open and fetoscopic fetal surgery: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2019, 39, 251-268.	2.3	94
64	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
65	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
66	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
67	Prenatal diagnosis, prediction of outcome and <i>in utero</i> therapy of isolated congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2008, 28, 581-591.	2.3	86
68	Fetal mesenchymal stem cells: isolation, properties and potential use in perinatology and regenerative medicine. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 166-172.	2.3	86
69	Fetal Surgery for Congenital Diaphragmatic Hernia Is Back from Never Gone. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 6-17.	1.4	86
70	Minimally invasive therapy for fetal sacrococcygeal teratoma: case series and systematic review of the literature. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 43, 611-619.	1.7	85
71	Prospective Assessment of Fetal Cardiac Function With Speckle Tracking in Healthy Fetuses and Recipient Fetuses of Twin-to-Twin Transfusion Syndrome. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 301-308.	2.8	83
72	The correlation between lung volume and liver herniation measurements by fetal MRI in isolated congenital diaphragmatic hernia: a systematic review and meta-analysis of observational studies. <i>Prenatal Diagnosis</i> , 2011, 31, 1086-1096.	2.3	78

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73	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
74	Maternal outcomes and risk factors for COVID-19 severity among pregnant women. <i>Scientific Reports</i> , 2021, 11, 13898.	3.3	77
75	Remifentanyl for Fetal Immobilization and Maternal Sedation During Fetoscopic Surgery: A Randomized, Double-Blind Comparison with Diazepam. <i>Anesthesia and Analgesia</i> , 2005, 101, 251-258.	2.2	76
76	Methods for prenatal assessment of fetal cardiac function. <i>Prenatal Diagnosis</i> , 2009, 29, 1193-1203.	2.3	76
77	Residual anastomoses in twin-twin transfusion syndrome after laser: the Solomon randomized trial. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 285.e1-285.e7.	1.3	76
78	Impact of laser coagulation in severe twin-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
79	Validation of the fetal myocardial performance index in the second and third trimesters of gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 33, 58-63.	1.7	74
80	Fetoscopic surgery: Encouraged by clinical experience and boosted by instrument innovation. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006, 11, 398-412.	2.3	73
81	Placenta as a reservoir of stem cells: an underutilized resource?. <i>British Medical Bulletin</i> , 2013, 105, 43-68.	6.9	73
82	Proposal for standardized prenatal ultrasound assessment of the fetus with congenital diaphragmatic hernia by the <scp>European</scp> reference network on rare inherited and congenital anomalies (ERNICA). <i>Prenatal Diagnosis</i> , 2018, 38, 629-637.	2.3	73
83	Fetal Body Volume at MR Imaging to Quantify Total Fetal Lung Volume: Normal Ranges. <i>Radiology</i> , 2008, 247, 197-203.	7.3	72
84	Alternative technique for Nd : YAG laser coagulation in twin-twin transfusion syndrome with anterior placenta. <i>Ultrasound in Obstetrics and Gynecology</i> , 1998, 11, 347-352.	1.7	71
85	Changing Perspectives on the Perinatal Management of Isolated Congenital Diaphragmatic Hernia in Europe. <i>Clinics in Perinatology</i> , 2009, 36, 329-347.	2.1	71
86	Tracheoscopic endoluminal plugging using an inflatable device in the fetal lamb model. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998, 81, 165-169.	1.1	69
87	Left ventricular cardiac function in fetuses with congenital diaphragmatic hernia and the effect of fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 424-429.	1.7	69
88	Lung size and liver herniation predict need for extracorporeal membrane oxygenation but not pulmonary hypertension in isolated congenital diaphragmatic hernia: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 49, 704-713.	1.7	69
89	Instrumental requirements for minimal invasive fetal surgery. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 188-197.	2.3	68
90	Relationship between lung-to-head ratio and lung volume in normal fetuses and fetuses with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006, 27, 545-550.	1.7	67

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91	Timing of lung size assessment in the prediction of survival in fetuses with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 31, 37-40.	1.7	67
92	Evidence and Patterns in Lung Response after Fetal Tracheal Occlusion: Clinical Controlled Study. <i>Radiology</i> , 2009, 252, 526-533.	7.3	67
93	Fetoscopic endoluminal tracheal occlusion and reestablishment of fetal airways for congenital diaphragmatic hernia. <i>Gynecological Surgery</i> , 2018, 15, 9.	0.9	67
94	A prospective study of the clinical utility of prenatal chromosomal microarray analysis in fetuses with ultrasound abnormalities and an exploration of a framework for reporting unclassified variants and risk factors. <i>Genetics in Medicine</i> , 2014, 16, 469-476.	2.4	66
95	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
96	Cervical length as a prognostic factor for preterm delivery in twin-to-twin transfusion syndrome treated by fetoscopic laser coagulation of chorionic plate anastomoses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 25, 37-41.	1.7	64
97	Assessment of lung area in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 72-76.	1.7	64
98	Medium Term Outcome of Laparoscopic Sacrocolpopexy With Xenografts Compared to Synthetic Grafts. <i>Journal of Urology</i> , 2009, 182, 2362-2368.	0.4	64
99	Twin-to-twin transfusion syndrome (TTTS)*. <i>Journal of Perinatal Medicine</i> , 2011, 39, 107-12.	1.4	64
100	Prenatal diagnosis, imaging, and prognosis in Congenital Diaphragmatic Hernia. <i>Seminars in Perinatology</i> , 2020, 44, 511-63.	2.5	62
101	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
102	Twin anemia polycythemia sequence from a prenatal perspective. <i>Prenatal Diagnosis</i> , 2010, 30, 438-442.	2.3	61
103	Endoscopic cord ligation in selective feticide. <i>Lancet, The</i> , 1996, 348, 890-891.	13.7	60
104	Gelatin sponge plug to seal fetoscopy port sites: Technique in ovine and primate models. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 181, 995-996.	1.3	60
105	Implementation of laparoscopic sacrocolpopexy—a single centre's experience. <i>International Urogynecology Journal</i> , 2009, 20, 1119-1125.	1.4	60
106	Fetal Treatment 2017: The Evolution of Fetal Therapy Centers - A Joint Opinion from the International Fetal Medicine and Surgical Society (IFMSS) and the North American Fetal Therapy Network (NAFTNet). <i>Fetal Diagnosis and Therapy</i> , 2017, 42, 241-248.	1.4	60
107	Pulmonary vascular morphology in a fetal rabbit model for congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2004, 39, 1066-1072.	1.6	59
108	Fetal lung volume after endoscopic tracheal occlusion in the prediction of postnatal outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 60.e1-60.e5.	1.3	59

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109	Prenatal Anatomical Imaging in Fetuses with Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 88-100.	1.4	59
110	Separating fetal and maternal placenta circulations using multiparametric MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 350-361.	3.0	59
111	Lung development following diaphragmatic hernia in the fetal rabbit. <i>Human Reproduction</i> , 2000, 15, 2483-2488.	0.9	58
112	Prenatal intervention for isolated congenital diaphragmatic hernia. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006, 18, 355-367.	2.0	58
113	Effect of tracheal occlusion on peripheral pulmonary vessel muscularization in a fetal rabbit model for congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 830-836.	1.3	57
114	Prediction of outcome in isolated congenital diaphragmatic hernia and its consequences for fetal therapy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2008, 22, 123-138.	2.8	57
115	Fetal surgery is a clinical reality. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 58-67.	2.3	57
116	Graft-related complications and biaxial tensiometry following experimental vaginal implantation of flat mesh of variable dimensions. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2013, 120, 244-250.	2.3	57
117	Unique Tracheal Fluid MicroRNA Signature Predicts Response to FETO in Patients With Congenital Diaphragmatic Hernia. <i>Annals of Surgery</i> , 2015, 262, 1130-1140.	4.2	57
118	GIFT-Cloud: A data sharing and collaboration platform for medical imaging research. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 139, 181-190.	4.7	57
119	Successful sealing of fetoscopic access sites with collagen plugs in the rabbit model. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 182, 142-146.	1.3	56
120	Pulmonary effects of in utero tracheal occlusion are dependent on gestational age in a rabbit model of diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2002, 37, 11-17.	1.6	56
121	Diagnosis and management of heterokaryotypic monozygotic twins. <i>American Journal of Medical Genetics, Part A</i> , 2006, 140A, 272-275.	1.2	56
122	Prevalence of major levator abnormalities in symptomatic patients with an underactive pelvic floor contraction. <i>International Urogynecology Journal</i> , 2010, 21, 861-867.	1.4	56
123	Antenatal management of isolated congenital diaphragmatic hernia today and tomorrow: ongoing collaborative research and development. <i>Journal of Pediatric Surgery</i> , 2012, 47, 282-290.	1.6	56
124	Slic-Seg: A minimally interactive segmentation of the placenta from sparse and motion-corrupted fetal MRI in multiple views. <i>Medical Image Analysis</i> , 2016, 34, 137-147.	11.6	56
125	Tracheoscopic endotracheal occlusion in the ovine model: Technique and pulmonary effects. <i>Journal of Pediatric Surgery</i> , 1997, 32, 1328-1331.	1.6	55
126	Successful Patching of Iatrogenic Rupture of the Fetal Membranes. <i>Placenta</i> , 2004, 25, 352-356.	1.5	55

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127	Maternal hyperoxygenation test in fetuses undergoing FETO for severe isolated congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 37, 264-271.	1.7	55
128	The effect of the first vaginal birth on pelvic floor anatomy and dysfunction. <i>International Urogynecology Journal</i> , 2019, 30, 1689-1696.	1.4	55
129	The effect of open and endoscopic fetal surgery on uteroplacental oxygen delivery in the sheep. <i>Journal of Pediatric Surgery</i> , 1996, 31, 310-314.	1.6	54
130	Balloon removal after fetoscopic endoluminal tracheal occlusion for congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 78.e1-78.e11.	1.3	53
131	An International Urogynecological Association (IUGA)/International Continence Society (ICS) joint terminology and classification of the complications related to native tissue female pelvic floor surgery. <i>International Urogynecology Journal</i> , 2012, 23, 515-526.	1.4	52
132	Transplacental sildenafil rescues lung abnormalities in the rabbit model of diaphragmatic hernia. <i>Thorax</i> , 2016, 71, 517-525.	5.6	52
133	Current controversies in prenatal diagnosis 4: Should fetal surgery be done in all cases of severe diaphragmatic hernia?. <i>Prenatal Diagnosis</i> , 2009, 29, 15-19.	2.3	50
134	Prenatal assessment and management of sacrococcygeal teratoma. <i>Prenatal Diagnosis</i> , 2011, 31, 678-688.	2.3	50
135	Learning curves of open and endoscopic fetal spina bifida closure: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 730-739.	1.7	50
136	Effects of amniodistention with carbon dioxide on fetal acid-base status during fetoscopic surgery in a sheep model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001, 15, 368-372.	2.4	49
137	Fetal pain perception and pain management. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006, 11, 232-236.	2.3	49
138	Diffusion-weighted MRI in lungs of normal fetuses and those with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 678-686.	1.7	49
139	Targeted array comparative genomic hybridisation (array CGH) identifies genomic imbalances associated with isolated congenital diaphragmatic hernia (CDH). <i>Prenatal Diagnosis</i> , 2010, 30, 1198-1206.	2.3	49
140	The Fetal Heart in Twin-to-Twin Transfusion Syndrome. <i>International Journal of Pediatrics (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.8	49
141	Examining the Relationship between the Lung-to-Head Ratio Measured on Ultrasound and Lung Volumetry by Magnetic Resonance in Fetuses with Isolated Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 80-87.	1.4	49
142	MIDeepSeg: Minimally interactive segmentation of unseen objects from medical images using deep learning. <i>Medical Image Analysis</i> , 2021, 72, 102102.	11.6	48
143	Tracheal side effects of endoscopic balloon tracheal occlusion in the fetal lamb model. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000, 92, 119-126.	1.1	47
144	Transient hydropic signs in the donor fetus after fetoscopic laser coagulation in severe twin-twin transfusion syndrome: incidence and clinical relevance. <i>Ultrasound in Obstetrics and Gynecology</i> , 2002, 19, 449-453.	1.7	47

#	ARTICLE	IF	CITATIONS
145	Fetal magnetic resonance imaging: luxury or necessity?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006, 27, 471-476.	1.7	47
146	Outcome prediction in monochorionic diamniotic twin pregnancies with moderately discordant amniotic fluid. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 37, 15-21.	1.7	46
147	Incidence and clinical implications of early inadvertent septostomy after laser therapy for twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 37, 458-462.	1.7	46
148	Mussel mimetic tissue adhesive for fetal membrane repair: initial in vivo investigation in rabbits. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 171, 240-245.	1.1	46
149	Operative fetoscopy: new perspective in fetal therapy?. <i>Prenatal Diagnosis</i> , 1997, 17, 1247-1260.	2.3	45
150	Relationship between lung area at ultrasound examination and lung volume assessment with magnetic resonance imaging in isolated congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 855-860.	1.7	45
151	Magnetic resonance imaging of the fetal lung: a pictorial essay. <i>European Radiology</i> , 2008, 18, 1364-1374.	4.5	45
152	Shrinkage and biomechanical evaluation of lightweight synthetics in a rabbit model for primary fascial repair. <i>International Urogynecology Journal</i> , 2011, 22, 1099-1108.	1.4	45
153	Analysis of the learning process for laparoscopic sacrocolpopexy: identification of challenging steps. <i>International Urogynecology Journal</i> , 2014, 25, 1185-1191.	1.4	45
154	Computer-assisted surgical planning and intraoperative guidance in fetal surgery: a systematic review. <i>Prenatal Diagnosis</i> , 2015, 35, 1159-1166.	2.3	45
155	Laparoscopic versus robotic-assisted sacrocolpopexy for pelvic organ prolapse: a systematic review. <i>Gynecological Surgery</i> , 2016, 13, 115-123.	0.9	45
156	Systematic Review and Meta-Analysis on Hysterectomy by Vaginal Natural Orifice Transluminal Endoscopic Surgery (vNOTES) Compared to Laparoscopic Hysterectomy for Benign Indications. <i>Journal of Clinical Medicine</i> , 2020, 9, 3959.	2.4	45
157	Reference ranges for middle cerebral artery peak systolic velocity in monochorionic diamniotic twins: a longitudinal study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 149-154.	1.7	44
158	Exome sequencing identifies a recessive PIGN splice site mutation as a cause of syndromic Congenital Diaphragmatic Hernia. <i>European Journal of Medical Genetics</i> , 2014, 57, 487-493.	1.3	44
159	Caffeine Prevents Hyperoxia-Induced Functional and Structural Lung Damage in Preterm Rabbits. <i>Neonatology</i> , 2016, 109, 274-281.	2.0	44
160	A Continuum Robot and Control Interface for Surgical Assist in Fetoscopic Interventions. <i>IEEE Robotics and Automation Letters</i> , 2017, 2, 1656-1663.	5.1	43
161	Laparoscopic sacrocolpopexy: A comprehensive literature review on current practice. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 245, 94-101.	1.1	43
162	Sonographic detection of central nervous system defects in the first trimester of pregnancy. <i>Prenatal Diagnosis</i> , 2016, 36, 266-273.	2.3	42

#	ARTICLE	IF	CITATIONS
163	Tensile strength and host response towards different polypropylene implant materials used for augmentation of fascial repair in a rat model. <i>International Urogynecology Journal</i> , 2007, 18, 619-626.	1.4	41
164	Fate of collagen-based implants used in pelvic floor surgery: A 2-year follow-up study in a rabbit model. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 94.e1-94.e6.	1.3	41
165	Tissue response to collagen containing polypropylene meshes in an ovine vaginal repair model. <i>Acta Biomaterialia</i> , 2016, 39, 114-123.	8.3	41
166	Fetal surgery for open spina bifida. <i>The Obstetrician and Gynaecologist</i> , 2019, 21, 271-282.	0.4	41
167	Lung tissue mechanics predict lung hypoplasia in a rabbit model for congenital diaphragmatic hernia. <i>Pediatric Pulmonology</i> , 2007, 42, 505-512.	2.0	40
168	Prediction of neonatal respiratory morbidity by quantitative ultrasound lung texture analysis: a multicenter study. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 196.e1-196.e14.	1.3	40
169	Current and future antenatal management of isolated congenital diaphragmatic hernia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 383-390.	2.3	40
170	Absence of electrical uterine activity after endoscopic access for fetal surgery in the Rhesus monkey. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1995, 58, 213-214.	1.1	39
171	Persistence of polypropylene mesh anisotropy after implantation: an experimental study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011, 118, 1180-1185.	2.3	39
172	A standardized description of graft-containing meshes and recommended steps before the introduction of medical devices for prolapse surgery. <i>International Urogynecology Journal</i> , 2012, 23, 15-26.	1.4	39
173	The Impact of Entry Technique and Access Diameter on Prelabour Rupture of Membranes Following Primary Fetoscopic Laser Treatment for Twin-Twin Transfusion Syndrome. <i>Fetal Diagnosis and Therapy</i> , 2016, 40, 100-109.	1.4	39
174	Intrauterine endoscopic creation of urinary tract obstruction in the fetal lamb: A model for fetal surgery. <i>American Journal of Obstetrics and Gynecology</i> , 1995, 172, 1422-1426.	1.3	38
175	Host reaction to vaginally inserted collagen containing polypropylene implants in sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 474.e1-474.e8.	1.3	38
176	Anesthesia for non-obstetric surgery during pregnancy in a tertiary referral center: a 16-year retrospective, matched case-control, cohort study. <i>International Journal of Obstetric Anesthesia</i> , 2019, 39, 74-81.	0.4	38
177	Influence of Reproductive Status on Tissue Composition and Biomechanical Properties of Ovine Vagina. <i>PLoS ONE</i> , 2014, 9, e93172.	2.5	38
178	Enhancing sealing of fetal membrane defects using tissue engineered native amniotic scaffolds in the rabbit model. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 263.e1-263.e7.	1.3	37
179	Cefazolin pharmacokinetics in maternal plasma and amniotic fluid during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 170.e1-170.e7.	1.3	37
180	Contribution of intrapulmonary artery Doppler to improve prediction of survival in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 35, 572-577.	1.7	37

#	ARTICLE	IF	CITATIONS
181	Recent Developments in the Genetic Factors Underlying Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 25-39.	1.4	37
182	Collagen plug sealing of iatrogenic fetal membrane defects after fetoscopic surgery for congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 43, 54-59.	1.7	37
183	Mechanical biocompatibility of prosthetic meshes: A comprehensive protocol for mechanical characterization. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 40, 42-58.	3.1	37
184	Assessment of Electrospun and Ultra-lightweight Polypropylene Meshes in the Sheep Model for Vaginal Surgery. <i>European Urology Focus</i> , 2020, 6, 190-198.	3.1	37
185	Obstetrical endoscopy. <i>Current Opinion in Obstetrics and Gynecology</i> , 1999, 11, 195-203.	2.0	37
186	Amniotic Fluid Derived Stem Cells with a Renal Progenitor Phenotype Inhibit Interstitial Fibrosis in Renal Ischemia and Reperfusion Injury in Rats. <i>PLoS ONE</i> , 2015, 10, e0136145.	2.5	37
187	Closure techniques for fetoscopic access sites in the rabbit at mid-gestation. <i>Human Reproduction</i> , 1999, 14, 1730-1734.	0.9	36
188	Lung tissue perfusion in congenital diaphragmatic hernia and association with the lung-to-head ratio and intrapulmonary artery pulsed Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 35, 578-582.	1.7	36
189	Identification of dosage-sensitive genes in fetuses referred with severe isolated congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2013, 33, 1283-1292.	2.3	36
190	Photoacoustic imaging of the human placental vasculature. <i>Journal of Biophotonics</i> , 2020, 13, e201900167.	2.3	36
191	Gasless laparoscopy in infants: The rabbit model. <i>Journal of Pediatric Surgery</i> , 1995, 30, 1206-1208.	1.6	35
192	Prenatal diagnosis and management of congenital diaphragmatic hernia. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2019, 58, 93-106.	2.8	35
193	Artificial placenta and womb technology: Past, current, and future challenges towards clinical translation. <i>Prenatal Diagnosis</i> , 2021, 41, 145-158.	2.3	35
194	Morphologic changes and methodological issues in the rabbit experimental model for diaphragmatic hernia. <i>Histology and Histopathology</i> , 2010, 25, 1105-16.	0.7	35
195	An organ-culture for in vitro evaluation of fetal membrane healing capacity. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000, 92, 145-150.	1.1	34
196	Routine clonal expansion of mesenchymal stem cells derived from amniotic fluid for perinatal applications. <i>Prenatal Diagnosis</i> , 2013, 33, 921-928.	2.3	34
197	Does site of cord insertion increase risk of adverse outcome, twin-to-twin transfusion syndrome and discordant growth in monochorionic twin pregnancy?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 52, 385-389.	1.7	34
198	Neurodevelopmental outcome of children with spina bifida aperta repaired prenatally <i>vs</i> postnatally: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 293-301.	1.7	34

#	ARTICLE	IF	CITATIONS
199	Consensus diagnostic criteria and monitoring of twin anemia–polycythemia sequence: Delphi procedure. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 388-394.	1.7	34
200	A new cytogenetic subgroup in uterine leiomyoma is characterized by a deletion of the long arm of chromosome 3. <i>Genes Chromosomes and Cancer</i> , 1995, 13, 219-220.	2.8	33
201	Efficient Gene Transfer Into the Mouse Lung by Fetal Intratracheal Injection of rAAV2/6.2. <i>Molecular Therapy</i> , 2010, 18, 2130-2138.	8.2	33
202	Evaluating Alternative Materials for the Treatment of Stress Urinary Incontinence and Pelvic Organ Prolapse: A Comparison of the In Vivo Response to Meshes Implanted in Rabbits. <i>Journal of Urology</i> , 2016, 196, 261-269.	0.4	33
203	A study to assess global availability of fetal surgery for myelomeningocele. <i>Prenatal Diagnosis</i> , 2018, 38, 1020-1027.	2.3	33
204	Functional supramolecular bioactivated electrospun mesh improves tissue ingrowth in experimental abdominal wall reconstruction in rats. <i>Acta Biomaterialia</i> , 2020, 106, 82-91.	8.3	33
205	Pregnancy, labour and delivery as risk factors for pelvic organ prolapse: a systematic review. <i>International Urogynecology Journal</i> , 2021, 32, 1623-1631.	1.4	33
206	IGF-I, IGF-II, IGF Binding Protein 1, and C-Peptide in Second Trimester Amniotic Fluid Are Dependent on Gestational Age but Do Not Predict Weight at Birth. <i>Pediatric Research</i> , 1999, 46, 101-108.	2.3	33
207	Amniopatch for iatrogenic rupture of the fetal membranes. <i>Prenatal Diagnosis</i> , 2011, 31, 661-666.	2.3	32
208	Antireflux surgery after congenital diaphragmatic hernia repair: a plea for a tailored approach. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 263-268.	1.4	32
209	Functional assessment of hyperoxia-induced lung injury after preterm birth in the rabbit. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L277-L283.	2.9	32
210	Improved surgical outcome by modification of porcine dermal collagen implant in abdominal wall reconstruction in rats. <i>Neurourology and Urodynamics</i> , 2005, 24, 362-368.	1.5	31
211	Enrichment of collagen plugs with platelets and amniotic fluid cells increases cell proliferation in sealed iatrogenic membrane defects in the foetal rabbit model. <i>Prenatal Diagnosis</i> , 2008, 28, 503-507.	2.3	31
212	Cross-sectional Study of Tracheomegaly in Children after Fetal Tracheal Occlusion for Severe Congenital Diaphragmatic Hernia. <i>Radiology</i> , 2010, 257, 226-232.	7.3	31
213	Neonatal tracheal changes following in utero fetoscopic balloon tracheal occlusion in severe congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2010, 45, 687-692.	1.6	31
214	Genetic profile of isolated congenital diaphragmatic hernia revealed by targeted next-generation sequencing. <i>Prenatal Diagnosis</i> , 2018, 38, 654-663.	2.3	31
215	Outcome of monozygotic twin pregnancy with selective fetal growth restriction at 16, 20 or 30 weeks according to new Delphi consensus definition. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 821-830.	1.7	31
216	Endoscopic fetal surgery: a new alternative?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1993, 52, 1-3.	1.1	30

#	ARTICLE	IF	CITATIONS
217	Laser Ablation of Posterior Urethral Valves by Fetal Cystoscopy. <i>Fetal Diagnosis and Therapy</i> , 2015, 37, 267-273.	1.4	30
218	Prenatal Diagnosis and Patient Preferences in Patients with Neural Tube Defects around the Advent of Fetal Surgery in Belgium and Holland. <i>Fetal Diagnosis and Therapy</i> , 2015, 37, 226-234.	1.4	30
219	Access Techniques in Endoscopic Fetal Surgery*, **. <i>European Journal of Pediatric Surgery</i> , 1997, 7, 131-134.	1.3	29
220	The effect of fetal tracheal occlusion on lung tissue mechanics and tissue composition. <i>Pediatric Pulmonology</i> , 2009, 44, 112-121.	2.0	29
221	When referring physicians and researchers disagree on equipoise: the TOTAL trial experience. <i>Prenatal Diagnosis</i> , 2011, 31, 589-594.	2.3	29
222	Growth discordance. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014, 28, 295-303.	2.8	29
223	The use of human amniotic fluid stem cells as an adjunct to promote pulmonary development in a rabbit model for congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2015, 35, 833-840.	2.3	29
224	Interventional Photoacoustic Imaging of the Human Placenta with Ultrasonic Tracking for Minimally Invasive Fetal Surgeries. <i>Lecture Notes in Computer Science</i> , 2015, 9349, 371-378.	1.3	29
225	Invasive Antenatal Interventions in Complicated Multiple Pregnancies. <i>Obstetrics and Gynecology Clinics of North America</i> , 2005, 32, 105-126.	1.9	28
226	Amniopatch procedure after previable iatrogenic rupture of the membranes: a two-center review. <i>Prenatal Diagnosis</i> , 2013, 33, 391-396.	2.3	28
227	Progressive Vascular Functional and Structural Damage in a Bronchopulmonary Dysplasia Model in Preterm Rabbits Exposed to Hyperoxia. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1776.	4.1	28
228	Maternal surgery during pregnancy has a transient adverse effect on the developing fetal rabbit brain. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 355.e1-355.e19.	1.3	28
229	Long-Term Assessment of a Prospective Cohort of Patients Undergoing Laparoscopic Sacrocolpopexy. <i>Obstetrics and Gynecology</i> , 2019, 134, 323-332.	2.4	28
230	Fetal endoscopic tracheal occlusion reverses the natural history of right-sided congenital diaphragmatic hernia: European multicenter experience. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 378-385.	1.7	28
231	Changes in Lung Tissue Perfusion in the Prediction of Survival in Fetuses with Congenital Diaphragmatic Hernia Treated with Fetal Endoscopic Tracheal Occlusion. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 101-107.	1.4	27
232	Acute <i>In Vivo</i> Response to an Alternative Implant for Urogynecology. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	27
233	Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review. <i>Pediatric Pulmonology</i> , 2015, 50, 820-838.	2.0	27
234	Comparative Anatomy of the Ovine and Female Pelvis. <i>Gynecologic and Obstetric Investigation</i> , 2017, 82, 582-591.	1.6	27

#	ARTICLE	IF	CITATIONS
235	Vascular Endothelial Growth Factor Up-regulation in Human Amniotic Fluid Stem Cell Enhances Nephroprotection After Ischemia-Reperfusion Injury in the Rat. <i>Critical Care Medicine</i> , 2017, 45, e86-e96.	0.9	27
236	Physiologic musculofascial compliance following reinforcement with electrospun polycaprolactone-ureidopyrimidinone mesh in a rat model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 74, 349-357.	3.1	27
237	Twinâ€œTwin Transfusion Syndrome: study protocol for developing, disseminating, and implementing a core outcome set. <i>Trials</i> , 2017, 18, 325.	1.6	27
238	Antenatal sildenafil administration to prevent pulmonary hypertension in congenital diaphragmatic hernia (SToP-PH): study protocol for a phase I/IIb placenta transfer and safety study. <i>Trials</i> , 2018, 19, 524.	1.6	27
239	Effect of Maternal Administration of Betamethasone on Peripheral Arterial Development in Fetal Rabbit Lungs. <i>Neonatology</i> , 2008, 93, 64-72.	2.0	26
240	Long term respiratory outcomes of congenital diaphragmatic hernia, esophageal atresia, and cardiovascular anomalies. <i>Seminars in Fetal and Neonatal Medicine</i> , 2012, 17, 105-111.	2.3	26
241	Gestational age-specific reference ranges for amniotic fluid assessment in monochorionic diamniotic twin pregnancies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 41, 649-652.	1.7	26
242	Prediction of Neonatal Respiratory Function and Pulmonary Hypertension in Fetuses with Isolated Congenital Diaphragmatic Hernia in the Fetal Endoscopic Tracheal Occlusion Era: A Single-Center Study. <i>Fetal Diagnosis and Therapy</i> , 2015, 37, 24-32.	1.4	26
243	Biomechanical and morphological properties of the multiparous ovine vagina and effect of subsequent pregnancy. <i>Journal of Biomechanics</i> , 2017, 57, 94-102.	2.1	26
244	An Automated Localization, Segmentation and Reconstruction Framework for Fetal Brain MRI. <i>Lecture Notes in Computer Science</i> , 2018, , 313-320.	1.3	26
245	Core outcome set for research studies evaluating treatments for twinâ€œtwin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 255-261.	1.7	26
246	Magnetic resonance imaging measurement of placental perfusion and oxygen saturation in earlyâ€œonset fetal growth restriction. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 337-345.	2.3	26
247	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
248	Effects of maternal retinoic acid administration in a congenital diaphragmatic hernia rabbit model. <i>Pediatric Pulmonology</i> , 2008, 43, 594-603.	2.0	25
249	Ultrasound prediction of intertwin birth weight discordance in monochorionic diamniotic twin pregnancies. <i>Prenatal Diagnosis</i> , 2009, 29, 240-244.	2.3	25
250	Fetal surgery for spina bifida aperta. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F589-F595.	2.8	25
251	Fetal Diagnosis and Therapy during the COVID-19 Pandemic: Guidance on Behalf of the International Fetal Medicine and Surgery Society. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 689-698.	1.4	25
252	Fetoscopy-guided fetal endoscopy in a sheep model. <i>Journal of the American College of Surgeons</i> , 1994, 178, 609-12.	0.5	25

#	ARTICLE	IF	CITATIONS
253	The midgestational rabbit as a model for the creation of membrane defects after needle fetoscopy. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 180, 1263-1267.	1.3	24
254	Survival after laser surgery for twin-to-twin transfusion syndrome: when are they out of the woods?. <i>Journal of Pediatric Surgery</i> , 2009, 44, 66-70.	1.6	24
255	Tracheal side effects following fetal endoscopic tracheal occlusion for severe congenital diaphragmatic hernia. <i>Pediatric Radiology</i> , 2010, 40, 670-673.	2.0	24
256	Biomechanical findings in rats undergoing fascial reconstruction with graft materials suggested as an alternative to polypropylene. <i>Neurourology and Urodynamics</i> , 2010, 29, 488-493.	1.5	24
257	Prognostic Value of Pulmonary Doppler to Predict Response to Tracheal Occlusion in Fetuses with Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 18-24.	1.4	24
258	Expression of a Distinct Set of Chemokine Receptors in Adipose Tissue-Derived Stem Cells is Responsible for In Vitro Migration Toward Chemokines Appearing in the Major Pelvic Ganglion Following Cavernous Nerve Injury. <i>Sexual Medicine</i> , 2013, 1, 3-15.	1.6	24
259	In case you missed it: the Prenatal Diagnosis section editors bring you the most significant advances of 2013. <i>Prenatal Diagnosis</i> , 2014, 34, 1-5.	2.3	24
260	Molecular signature of amniotic fluid derived stem cells in the fetal sheep model of myelomeningocele. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1521-1527.	1.6	24
261	Expanding the phenotypic spectrum of PORCN variants in two males with syndromic microphthalmia. <i>European Journal of Human Genetics</i> , 2015, 23, 551-554.	2.8	24
262	Current controversies in prenatal diagnosis 1: in utero therapy for spina bifida is ready for endoscopic repair. <i>Prenatal Diagnosis</i> , 2016, 36, 1161-1166.	2.3	24
263	Safety and efficacy of fetal surgery techniques to close a spina bifida defect in the fetal lamb model: A systematic review. <i>Prenatal Diagnosis</i> , 2018, 38, 231-242.	2.3	24
264	A mixed-reality surgical trainer with comprehensive sensing for fetal laser minimally invasive surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 1949-1957.	2.8	24
265	Increased polymorphonuclear infiltration and iatrogenic amniotic band after closure of fetoscopic access sites with a bioactive membrane in the rabbit at midgestation. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 188, 844-848.	1.3	23
266	Sacrocolpopexy using xenogenic acellular collagen in patients at increased risk for graft-related complications. <i>Neurourology and Urodynamics</i> , 2010, 29, 563-567.	1.5	23
267	Minimally invasive fetal therapy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012, 26, 711-725.	2.8	23
268	Outcome of fetuses with congenital diaphragmatic hernia and associated intrafetal fluid effusions managed in the era of fetal surgery. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 39, 50-55.	1.7	23
269	Validation of the Fetal Lamb Model of Spina Bifida. <i>Scientific Reports</i> , 2019, 9, 9327.	3.3	23
270	Reliability of MR Imaging-Based Posterior Fossa and Brain Stem Measurements in Open Spinal Dysraphism in the Era of Fetal Surgery. <i>American Journal of Neuroradiology</i> , 2019, 40, 191-198.	2.4	23

#	ARTICLE	IF	CITATIONS
271	Fetal surgical intervention for myelomeningocele: lessons learned, outcomes, and future implications. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 417-425.	2.1	23
272	Validity, reliability and responsiveness of a Dutch version of the prolapse quality-of-life (P-QoL) questionnaire. <i>International Urogynecology Journal</i> , 2010, 21, 569-578.	1.4	22
273	Intrauterine Surgery. <i>Deutsches A&#x0308;rztblatt International</i> , 2012, 109, 603-38.	0.9	22
274	A morphometric study of the human fetal heart on postâ€mortem 3â€tesla magnetic resonance imaging. <i>Prenatal Diagnosis</i> , 2013, 33, 318-327.	2.3	22
275	Venoâ€venous anastomoses in twinâ€twin transfusion syndrome: A multicenter study. <i>Placenta</i> , 2015, 36, 911-914.	1.5	22
276	Quantitative analysis of cervical texture by ultrasound in midâ€pregnancy and association with spontaneous preterm birth. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 637-643.	1.7	22
277	Sildenafil crosses the placenta at therapeutic levels in a dually perfused human cotyledon model. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 619.e1-619.e10.	1.3	22
278	First delivery and ovariectomy affect biomechanical and structural properties of the vagina in the ovine model. <i>International Urogynecology Journal</i> , 2019, 30, 455-464.	1.4	22
279	Preterm birth impairs postnatal lung development in the neonatal rabbit model. <i>Respiratory Research</i> , 2020, 21, 59.	3.6	22
280	Vaginal Er:YAG laser application in the menopausal ewe model: a randomised estrogen and shamâ€controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 1087-1096.	2.3	22
281	Effects of general anaesthesia during pregnancy on neurocognitive development of the fetus: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2021, 126, 1128-1140.	3.4	22
282	Tensile Strength and Host Response towards Silk and Type I Polypropylene Implants Used for Augmentation of Fascial Repair in a Rat Model. <i>Gynecologic and Obstetric Investigation</i> , 2007, 63, 155-162.	1.6	21
283	Cytokine production following experimental implantation of xenogenic dermal collagen and polypropylene grafts in mice. <i>Neurourology and Urodynamics</i> , 2007, 26, 280-289.	1.5	21
284	Fetal surgery for anesthesiologists. <i>Current Opinion in Anaesthesiology</i> , 2008, 21, 298-307.	2.0	21
285	Experimental comparison of abdominal wall repair using different methods of enhancement by small intestinal submucosa graft. <i>International Urogynecology Journal</i> , 2009, 20, 435-441.	1.4	21
286	The challenge of implementing laparoscopic sacrocolpopexy. <i>International Urogynecology Journal</i> , 2014, 25, 1153-1160.	1.4	21
287	Prosthetic Meshes for Repair of Hernia and Pelvic Organ Prolapse: Comparison of Biomechanical Properties. <i>Materials</i> , 2015, 8, 2794-2808.	2.9	21
288	Gynaecological Endoscopic Surgical Education and Assessment. A diploma programme in gynaecological endoscopic surgery. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 199, 183-186.	1.1	21

#	ARTICLE	IF	CITATIONS
289	Upregulation of Vascular Endothelial Growth Factor in Amniotic Fluid Stem Cells Enhances Their Potential to Attenuate Lung Injury in a Preterm Rabbit Model of Bronchopulmonary Dysplasia. <i>Neonatology</i> , 2018, 113, 275-285.	2.0	21
290	Physiological effects of partial amniotic carbon dioxide insufflation with cold, dry vs heated, humidified gas in a sheep model. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 340-347.	1.7	21
291	Core outcome set for studies investigating management of selective fetal growth restriction in twins. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 652-660.	1.7	21
292	Transcriptome Analysis of the Preterm Rabbit Lung after Seven Days of Hyperoxic Exposure. <i>PLoS ONE</i> , 2015, 10, e0136569.	2.5	21
293	Nitrous oxide amniodistention compared with fluid amniodistention reduces operation time while inducing no changes in fetal acid-base status in a sheep model for endoscopic fetal surgery. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 186, 538-543.	1.3	20
294	T2 quantifications of fetal lungs at MRI in normal ranges. <i>Prenatal Diagnosis</i> , 2011, 31, 705-711.	2.3	20
295	Mesh contraction: in vivo documentation of changes in apparent surface area utilizing meshes visible on magnetic resonance imaging in the rabbit abdominal wall model. <i>International Urogynecology Journal</i> , 2014, 25, 737-743.	1.4	20
296	Fetal heart pathology on postmortem MRI magnetic resonance imaging. <i>Prenatal Diagnosis</i> , 2014, 34, 223-229.	2.3	20
297	Routine isolation and expansion late mid trimester amniotic fluid derived mesenchymal stem cells in a cohort of fetuses with congenital diaphragmatic hernia. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 178, 157-162.	1.1	20
298	Diaphragm Repair with a Novel Cross-Linked Collagen Biomaterial in a Growing Rabbit Model. <i>PLoS ONE</i> , 2015, 10, e0132021.	2.5	20
299	Cell-based secondary prevention of childbirth-induced pelvic floor trauma. <i>Nature Reviews Urology</i> , 2017, 14, 373-385.	3.8	20
300	Early neuropathological and neurobehavioral consequences of preterm birth in a rabbit model. <i>Scientific Reports</i> , 2019, 9, 3506.	3.3	20
301	Prenatal Growth in Fetuses with Isolated Cyanotic and Non-Cyanotic Congenital Heart Defects. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 411-419.	1.4	20
302	Fetal MRI for dummies: what the fetal medicine specialist should know about acquisitions and sequences. <i>Prenatal Diagnosis</i> , 2020, 40, 6-17.	2.3	20
303	Deep learning-based fetoscopic mosaicking for field-of-view expansion. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 1807-1816.	2.8	20
304	Hysteropexy in the treatment of uterine prolapse stage 2 or higher: laparoscopic sacrohysteropexy versus sacrospinous hysteropexy—a multicentre randomised controlled trial (LAVA trial). <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 1284-1293.	2.3	20
305	Laser therapy for urinary incontinence and pelvic organ prolapse: a systematic review. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 1338-1346.	2.3	20
306	Safety and efficacy of smart tracheal occlusion device in diaphragmatic hernia lamb model. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 105-112.	1.7	20

#	ARTICLE	IF	CITATIONS
307	Obstetric risk factors for anorectal dysfunction after delivery: a systematic review and meta-analysis. <i>International Urogynecology Journal</i> , 2021, 32, 2325-2336.	1.4	20
308	Modelling Bronchopulmonary Dysplasia in Animals: Arguments for the Preterm Rabbit Model. <i>Current Pharmaceutical Design</i> , 2018, 23, 5887-5901.	1.9	20
309	Sildenafil for Antenatal Treatment of Congenital Diaphragmatic Hernia: From Bench to Bedside. <i>Current Pharmaceutical Design</i> , 2019, 25, 601-608.	1.9	20
310	Progress in intrauterine assessment of the fetal lung and prediction of neonatal function. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 25, 108-111.	1.7	19
311	Correlation of observedâ€œtoâ€œexpected total fetal lung volume with intrathoracic organ herniation on magnetic resonance imaging in fetuses with isolated leftâ€œsided congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 46, 162-167.	1.7	19
312	InÂvivo evidence of significant levator ani muscle stretch onÂMR images of a live childbirth. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 194.e1-194.e8.	1.3	19
313	Experimental reconstruction of an abdominal wall defect with electrospun polycaprolactone-ureidopyrimidinone mesh conserves compliance yet may have insufficient strength. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 88, 431-441.	3.1	19
314	Neonatal cardiopulmonary transition in an ovine model of congenital diaphragmatic hernia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F617-F623.	2.8	19
315	Automatic segmentation method of pelvic floor levator hiatus in ultrasound using a self-normalizing neural network. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	19
316	Amniocentesis with Hartmannâ€™s Solution: A Safe Distention Medium for Endoscopic Fetal Surgery in the Ovine Model. <i>Fetal Diagnosis and Therapy</i> , 1997, 12, 188-192.	1.4	18
317	Fetal cerebral blood flow velocities in congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 452-457.	1.7	18
318	Biomechanical effects of polyglactone fibers in a polypropylene mesh after abdominal and rectovaginal implantation in a rabbit. <i>International Urogynecology Journal</i> , 2012, 23, 1397-1402.	1.4	18
319	Pharmacokinetics of a loading dose of intravenous paracetamol post caesarean delivery. <i>International Journal of Obstetric Anesthesia</i> , 2012, 21, 125-128.	0.4	18
320	Proton-pump inhibitor omeprazole attenuates hyperoxia induced lung injury. <i>Journal of Translational Medicine</i> , 2016, 14, 247.	4.4	18
321	Pulmonary transcriptome analysis in the rabbit model of surgically-induced diaphragmatic hernia treated with fetal tracheal occlusion. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 221-8.	2.4	18
322	Regenerative medicine solutions in congenital diaphragmatic hernia. <i>Seminars in Pediatric Surgery</i> , 2017, 26, 171-177.	1.1	18
323	Folic Acid Exposure Rescues Spina Bifida Aperta Phenotypes in Human Induced Pluripotent Stem Cell Model. <i>Scientific Reports</i> , 2018, 8, 2942.	3.3	18
324	Retrieval and registration of long-range overlapping frames for scalable mosaicking of in vivo fetoscopy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 713-720.	2.8	18

#	ARTICLE	IF	CITATIONS
325	Antenatal sildenafil treatment improves neonatal pulmonary hemodynamics and gas exchange in lambs with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 506-516.	1.7	18
326	Predictors for sexual dysfunction in the first year postpartum: A systematic review and meta-analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 1017-1028.	2.3	18
327	Deep Placental Vessel Segmentation for Fetoscopic Mosaicking. <i>Lecture Notes in Computer Science</i> , 2020, , 763-773.	1.3	18
328	Underwater Nd:YAG Laser Coagulation of Blood Vessels in a Rat Model. <i>Fetal Diagnosis and Therapy</i> , 1996, 11, 422-426.	1.4	17
329	FETOSCOPIC SURGERY FOR IN-UTERO MANAGEMENT OF CONGENITAL DIAPHRAGMATIC HERNIA. <i>Fetal and Maternal Medicine Review</i> , 2006, 17, 69-104.	0.3	17
330	Antenatal fetal VEGF therapy to promote pulmonary maturation in a preterm rabbit model. <i>Early Human Development</i> , 2010, 86, 99-105.	1.8	17
331	Regenerative Medicine for Congenital Diaphragmatic Hernia: Regeneration for Repair. <i>European Journal of Pediatric Surgery</i> , 2012, 22, 393-398.	1.3	17
332	Exome sequencing identifies ZFPM2 as a cause of familial isolated congenital diaphragmatic hernia and possibly cardiovascular malformations. <i>European Journal of Medical Genetics</i> , 2014, 57, 247-252.	1.3	17
333	Speckle tracking echocardiography in fetuses diagnosed with congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2014, 34, 1262-1267.	2.3	17
334	Fluidic actuation for intra-operative in situ imaging. , 2015, , .		17
335	Cross-linked xenogenic collagen implantation in the sheep model for vaginal surgery. <i>Gynecological Surgery</i> , 2015, 12, 113-122.	0.9	17
336	Local pulmonary drug delivery in the preterm rabbit: feasibility and efficacy of daily intratracheal injections. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L589-L597.	2.9	17
337	A semi-automated method for unbiased alveolar morphometry: Validation in a bronchopulmonary dysplasia model. <i>PLoS ONE</i> , 2020, 15, e0239562.	2.5	17
338	Deep learning-based monocular placental pose estimation: towards collaborative robotics in fetoscopy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 1561-1571.	2.8	17
339	Age and/or postmenopausal status as risk factors for pelvic organ prolapse development: systematic review with meta-analysis. <i>International Urogynecology Journal</i> , 2022, 33, 15-29.	1.4	17
340	Fetal gene transfer with lentiviral vectors: long-term in vivo follow-up evaluation in a rat model. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 352.e1-352.e6.	1.3	16
341	Immunological Ignorance Allows Long-Term Gene Expression After Perinatal Recombinant Adeno-Associated Virus-Mediated Gene Transfer to Murine Airways. <i>Human Gene Therapy</i> , 2014, 25, 517-528.	2.7	16
342	Paracetamol pharmacokinetics and metabolism in young women. <i>BMC Anesthesiology</i> , 2015, 15, 163.	1.8	16

#	ARTICLE	IF	CITATIONS
343	In vivo evidence by magnetic resonance volumetry of a gestational age dependent response to tracheal occlusion for congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2015, 35, 1048-1056.	2.3	16
344	Three-dimensional analysis of implanted magnetic-resonance-visible meshes. <i>International Urogynecology Journal</i> , 2015, 26, 1459-1465.	1.4	16
345	Semi-automatic outlining of levator hiatus. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 98-105.	1.7	16
346	Fertility, pregnancy and gynecological outcomes after fetoscopic surgery for congenital diaphragmatic hernia. <i>Human Reproduction</i> , 2016, 31, 2024-2030.	0.9	16
347	From a Disposable Ureteroscope to an Active Lightweight Fetoscope—Characterization and Usability Evaluation. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 4359-4366.	5.1	16
348	<scp>MicroRNA</scp> 200b is upregulated in the lungs of fetal rabbits with surgically induced diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2018, 38, 645-653.	2.3	16
349	Patch repair of congenital diaphragmatic hernia is not at risk of poor outcomes. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1522-1527.	1.6	16
350	“We did everything we could” a qualitative study exploring the acceptability of maternal fetal surgery for spina bifida to parents. <i>Prenatal Diagnosis</i> , 2021, 41, 910-921.	2.3	16
351	Development of standard definitions and grading for Maternal and Fetal Adverse Event Terminology. <i>Prenatal Diagnosis</i> , 2022, 42, 15-26.	2.3	16
352	Evaluation of the short-term host response and biomechanics of an absorbable poly(4-hydroxybutyrate) scaffold in a sheep model following vaginal implantation. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 1039-1049.	2.3	16
353	International Urogynecological Consultation (IUC): pathophysiology of pelvic organ prolapse (POP). <i>International Urogynecology Journal</i> , 2022, 33, 1699-1710.	1.4	16
354	Combined biaxial and uniaxial mechanical characterization of prosthetic meshes in a rabbit model. <i>Journal of Biomechanics</i> , 2013, 46, 1626-1632.	2.1	15
355	The need for preclinical research on pelvic floor reconstruction. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2013, 120, 141-143.	2.3	15
356	Medical and Regenerative Solutions for Congenital Diaphragmatic Hernia: A Perinatal Perspective. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 270-277.	1.3	15
357	Simulator training in fetoscopic laser surgery for twin-twin transfusion syndrome: a pilot randomized controlled trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 46, 319-326.	1.7	15
358	Evaluating fetal head dimension changes during labor using open magnetic resonance imaging. <i>Journal of Perinatal Medicine</i> , 2017, 45, 305-308.	1.4	15
359	Clinical Outcome for Congenital Diaphragmatic Hernia at the Age of 1 Year in the Era of Fetal Intervention. <i>Neonatology</i> , 2017, 112, 365-371.	2.0	15
360	Prenatal incision of ureterocele causing bladder outlet obstruction: a multicenter case series. <i>Prenatal Diagnosis</i> , 2017, 37, 968-974.	2.3	15

#	ARTICLE	IF	CITATIONS
361	The proportion of alveolar type 1 cells decreases in murine hypoplastic congenital diaphragmatic hernia lungs. PLoS ONE, 2019, 14, e0214793.	2.5	15
362	Long-term outcome of pre- and perinatal management of congenital head and neck tumors and malformations. International Journal of Pediatric Otorhinolaryngology, 2019, 121, 164-172.	1.0	15
363	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
364	Intratracheal budesonide/surfactant attenuates hyperoxia-induced lung injury in preterm rabbits. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L949-L956.	2.9	15
365	SARS-CoV2 (COVID-19) infection: is fetal surgery in times of national disasters reasonable?. Prenatal Diagnosis, 2020, 40, 1755-1758.	2.3	15
366	Cranial findings detected by second-trimester ultrasound in fetuses with myelomeningocele: a systematic review. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 366-374.	2.3	15
367	Slic-Seg: Slice-by-Slice Segmentation Propagation of the Placenta in Fetal MRI Using One-Plane Scribbles and Online Learning. Lecture Notes in Computer Science, 2015, , 29-37.	1.3	15
368	The effect of maternal betamethasone and fetal tracheal occlusion on pulmonary vascular morphometry in fetal rabbits with surgically induced diaphragmatic hernia: a placebo controlled morphologic study. Prenatal Diagnosis, 2009, 29, 674-681.	2.3	14
369	<i>In vitro</i> evaluation of the ability of platelet-rich plasma to seal an iatrogenic fetal membrane defect. Prenatal Diagnosis, 2009, 29, 620-625.	2.3	14
370	Sonographic evaluation of vascular pulmonary reactivity following oxygen administration in fetuses with normal lung development. Prenatal Diagnosis, 2012, 32, 1300-1304.	2.3	14
371	Cardiac assessment in fetuses with right-sided congenital diaphragmatic hernia: case-control study. Ultrasound in Obstetrics and Gynecology, 2014, 43, 432-436.	1.7	14
372	Connexin 43 is overexpressed in human fetal membrane defects after fetoscopic surgery. Prenatal Diagnosis, 2016, 36, 942-952.	2.3	14
373	Haptic Guidance Based on All-Optical Ultrasound Distance Sensing for Safer Minimally Invasive Fetal Surgery. Journal of Medical Robotics Research, 2018, 03, 1841001.	1.2	14
374	Prenatal treatment of severe congenital diaphragmatic hernia: there is still medical equipoise. Ultrasound in Obstetrics and Gynecology, 2020, 56, 493-497.	1.7	14
375	Long-term neuropathological and/or neurobehavioral effects of antenatal corticosteroid therapy in animal models: a systematic review. Pediatric Research, 2020, 87, 1157-1170.	2.3	14
376	Animal models for pelvic organ prolapse: systematic review. International Urogynecology Journal, 2021, 32, 1331-1344.	1.4	14
377	Fetoscopic myelomeningocele closure: Is the scientific evidence enough to challenge the gold standard for prenatal surgery?. Prenatal Diagnosis, 2021, 41, 949-956.	2.3	14
378	Fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia: a narrative review of the history, current practice, and future directions. Translational Pediatrics, 2021, 10, 1448-1460.	1.2	14

#	ARTICLE	IF	CITATIONS
379	Time-related cotyledonary effects of laser coagulation of superficial chorionic vessels in an ovine model. <i>Prenatal Diagnosis</i> , 1999, 19, 205-210.	2.3	13
380	Maternal administration of betamethasone inhibits proliferation induced by fetal tracheal occlusion in the nitrofen rat model for congenital diaphragmatic hernia: a placebo-controlled study. <i>Pediatric Surgery International</i> , 2008, 24, 1287-1295.	1.4	13
381	Development and use of a high-fidelity simulator for fetal endotracheal balloon occlusion (FETO) insertion and removal. <i>Prenatal Diagnosis</i> , 2014, 34, 180-184.	2.3	13
382	Clinically relevant discordances identified after tertiary reassessment of fetuses with isolated congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2017, 37, 883-888.	2.3	13
383	Antenatal Medical Therapies to Improve Lung Development in Congenital Diaphragmatic Hernia. <i>American Journal of Perinatology</i> , 2018, 35, 823-836.	1.4	13
384	Antenatal therapy with sildenafil: don't throw the baby out with the bathwater. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 274-275.	1.7	13
385	New device permitting noninvasive reversal of fetal endoscopic tracheal occlusion: <i>in vivo</i> and <i>in vivo</i> study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 522-531.	1.7	13
386	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
387	Screening for COVID-19 at childbirth: is it effective?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 113-114.	1.7	13
388	Phosphodiesterase-5 inhibitors in pregnancy: Systematic review and meta-analysis of maternal and perinatal safety and clinical outcomes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 1817-1831.	2.3	13
389	Ultrasound Determination of Chorionicity in Twin Pregnancy: Accuracy and Operator Experience. <i>Twin Research and Human Genetics</i> , 2001, 4, 223-226.	1.0	12
390	Comparison of Doppler-Based and Three-Dimensional Methods for Fetal Cardiac Output Measurement. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 72-78.	1.4	12
391	Tracheal occlusion alters pulmonary circulation in the fetal lamb with normally developing lungs. <i>Journal of Pediatric Surgery</i> , 2013, 48, 481-487.	1.6	12
392	Concerning the timing of antibiotic administration in women undergoing caesarean section: a systematic review and meta-analysis. <i>BMJ Open</i> , 2013, 3, e002028.	1.9	12
393	Safe and effective cryopreservation methods for long-term storage of human amniotic fluid-derived stem cells. <i>Prenatal Diagnosis</i> , 2015, 35, 456-462.	2.3	12
394	High-Resolution ¹ H NMR Spectroscopy Discriminates Amniotic Fluid of Fetuses with Congenital Diaphragmatic Hernia from Healthy Controls. <i>Journal of Proteome Research</i> , 2015, 14, 4502-4510.	3.7	12
395	A magnetic resonance multi-atlas for the neonatal rabbit brain. <i>NeuroImage</i> , 2018, 179, 187-198.	4.2	12
396	Morphological and Functional Changes in the Vagina following Critical Lifespan Events in the Ewe. <i>Gynecologic and Obstetric Investigation</i> , 2019, 84, 360-368.	1.6	12

#	ARTICLE	IF	CITATIONS
397	Use of a simple in vitro fatigue test to assess materials used in the surgical treatment of stress urinary incontinence and pelvic organ prolapse. <i>Neurourology and Urodynamics</i> , 2019, 38, 107-115.	1.5	12
398	FetNet: a recurrent convolutional network for occlusion identification in fetoscopic videos. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 791-801.	2.8	12
399	The <sc>TOTAL</sc> trial dilemma: A survey among professionals on equipoise regarding fetal therapy for severe congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2021, 41, 179-189.	2.3	12
400	Label-Set Loss Functions for Partial Supervision: Application to Fetal Brain 3D MRI Parcellation. <i>Lecture Notes in Computer Science</i> , 2021, , 647-657.	1.3	12
401	Incidence and patterns of abnormal corpus callosum in fetuses with isolated spina bifida aperta. <i>Prenatal Diagnosis</i> , 2021, 41, 957-964.	2.3	12
402	Cortical spectral matching and shape and volume analysis of the fetal brain pre- and post-fetal surgery for spina bifida: a retrospective study. <i>Neuroradiology</i> , 2021, 63, 1721-1734.	2.2	12
403	Globally Optimal Fetoscopic Mosaicking Based on Pose Graph Optimisation With Affine Constraints. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 7831-7838.	5.1	12
404	Pruning strategies for efficient online globally consistent mosaicking in fetoscopy. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	12
405	Review on laparoscopic hysterectomy. <i>Zentralblatt Fur Gynakologie</i> , 1995, 117, 641-51.	0.6	12
406	Motion corrected fetal body magnetic resonance imaging provides reliable 3D lung volumes in normal and abnormal fetuses. <i>Prenatal Diagnosis</i> , 2022, 42, 628-635.	2.3	12
407	IGFBP-1 Levels in Cervicovaginal Secretions before and after Amniocentesis. <i>Gynecologic and Obstetric Investigation</i> , 2009, 67, 9-13.	1.6	11
408	The use of endoscopy in fetal medicine. <i>Gynecological Surgery</i> , 2010, 7, 113-125.	0.9	11
409	Preterm rabbit lung tissue mechanics: Maturation changes and effect of antenatal steroids. <i>Pediatric Pulmonology</i> , 2010, 45, 349-355.	2.0	11
410	Hysteropexy in the treatment of uterine prolapse stage 2 or higher: a multicenter randomized controlled non-inferiority trial comparing laparoscopic sacrohysteropexy with vaginal sacrospinous hysteropexy (LAVA-trial, study protocol). <i>BMC Women's Health</i> , 2014, 14, 112.	2.0	11
411	Comparison of matching by body volume or gestational age for calculation of observed to expected total lung volume in fetuses with isolated congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 44, 655-660.	1.7	11
412	The impact of vaginal delivery on pelvic floor function – delivery as a time point for secondary prevention. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016, 123, 678-681.	2.3	11
413	Immediate postoperative changes in synthetic meshes – In vivo measurements. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 55, 228-235.	3.1	11
414	Maternal-fetal surgery for myelomeningocele: some thoughts on ethical, legal, and psychological issues in a Western European situation. <i>Child's Nervous System</i> , 2017, 33, 1247-1252.	1.1	11

#	ARTICLE	IF	CITATIONS
415	Preclinical evaluation of cell-based strategies to prevent or treat bronchopulmonary dysplasia in animal models: a systematic review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 958-966.	1.5	11
416	Tissuepatch is biocompatible and seals iatrogenic membrane defects in a rabbit model. <i>Prenatal Diagnosis</i> , 2018, 38, 99-105.	2.3	11
417	The effects of partial amniotic carbon dioxide insufflation in an ovine model. <i>Prenatal Diagnosis</i> , 2018, 38, 994-1003.	2.3	11
418	Exo-anal imaging of the anal sphincter: a comparison between introital and transperineal image acquisition. <i>International Urogynecology Journal</i> , 2020, 31, 1107-1113.	1.4	11
419	Intermittent CPAP limits hyperoxia-induced lung damage in a rabbit model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L976-L987.	2.9	11
420	Early surgical complications after congenital diaphragmatic hernia repair by thoracotomy vs. laparotomy: A bicentric comparison. <i>Journal of Pediatric Surgery</i> , 2020, 55, 2105-2110.	1.6	11
421	What should we tell parents? Congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2022, 42, 398-407.	2.3	11
422	Complementary Effect of Maternal Sildenafil and Fetal Tracheal Occlusion Improves Lung Development in the Rabbit Model of Congenital Diaphragmatic Hernia. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, .	4.2	11
423	An unusual type of endometrial cancer, related to tamoxifen?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1992, 46, 147-150.	1.1	10
424	FETAL ANAESTHESIA: IS THIS NECESSARY FOR FETOSCOPIC THERAPY?. <i>Fetal and Maternal Medicine Review</i> , 2010, 21, 24-35.	0.3	10
425	Psychosocial aspects of invasive fetal therapy as compared to prenatal diagnosis and risk assessment. <i>Prenatal Diagnosis</i> , 2013, 33, 334-340.	2.3	10
426	Does website-based information add any value in counseling mothers expecting a baby with severe congenital diaphragmatic hernia?. <i>Prenatal Diagnosis</i> , 2013, 33, 1027-1032.	2.3	10
427	Assessment of pulmonary vascular reactivity to oxygen using fractional moving blood volume in fetuses with normal lung development and pulmonary hypoplasia in congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2014, 34, 977-981.	2.3	10
428	Airway tissue engineering for congenital laryngotracheal disease. <i>Seminars in Pediatric Surgery</i> , 2016, 25, 186-190.	1.1	10
429	Subsequent fertility, pregnancy, and gynecologic outcomes after fetoscopic laser therapy for twin-twin transfusion syndrome compared with normal monochorionic twin gestations. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 447.e1-447.e7.	1.3	10
430	Partial amniotic carbon dioxide insufflation for fetal surgery. <i>Prenatal Diagnosis</i> , 2018, 38, 983-993.	2.3	10
431	Towards computer-assisted TTS: Laser ablation detection for workflow segmentation from fetoscopic video. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 1661-1670.	2.8	10
432	Juvenile cystic adenomyosis: A case report and review of the literature. <i>Australasian Journal of Ultrasound in Medicine</i> , 2019, 22, 295-300.	0.6	10

#	ARTICLE	IF	CITATIONS
433	Biomechanical Behaviour and Biocompatibility of Ureidopyrimidinone-Polycarbonate Electrospun and Polypropylene Meshes in a Hernia Repair in Rabbits. <i>Materials</i> , 2019, 12, 1174.	2.9	10
434	Micro-computed tomography of isolated fetal hearts following termination of pregnancy: A feasibility study at 8 to 12 weeks' gestation. <i>Prenatal Diagnosis</i> , 2020, 40, 984-990.	2.3	10
435	Optimal gestational age at delivery in isolated left-sided congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 968-973.	1.7	10
436	Dimensionless squared jerk: An objective differential to assess experienced and novice probe movement in obstetric ultrasound. <i>Prenatal Diagnosis</i> , 2021, 41, 271-277.	2.3	10
437	Prenatal cerebellar growth is altered in congenital diaphragmatic hernia on ultrasound. <i>Prenatal Diagnosis</i> , 2022, 42, 330-337.	2.3	10
438	Preclinical stem cell therapy in fetuses with myelomeningocele: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2021, 41, 283-300.	2.3	10
439	Distributionally Robust Segmentation of Abnormal Fetal Brain 3D MRI. <i>Lecture Notes in Computer Science</i> , 2021, , 263-273.	1.3	10
440	How should fetal surgery for congenital diaphragmatic hernia be implemented in the post-TOTAL trial era: A discussion. <i>Prenatal Diagnosis</i> , 2022, 42, 301-309.	2.3	10
441	Ultrasound Determination of Chorionicity in Twin Pregnancy: Accuracy and Operator Experience. <i>Twin Research and Human Genetics</i> , 2001, 4, 223-226.	1.0	9
442	Porous Acellular Porcine Dermal Collagen Implants to Repair Fascial Defects in a Rat Model: Biomechanical Evaluation up to 180 Days. <i>Gynecologic and Obstetric Investigation</i> , 2009, 68, 205-212.	1.6	9
443	Albumin as an adjunct to tracheal occlusion in fetal rats with congenital diaphragmatic hernia: a placebo-controlled study. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 202, 198.e1-198.e9.	1.3	9
444	A Novel Translational Model of Percutaneous Fetoscopic Endoluminal Tracheal Occlusion - Baboons (<i>Papio</i> spp.). <i>Fetal Diagnosis and Therapy</i> , 2014, 35, 92-100.	1.4	9
445	A minimum of 1-year follow-up for MiniArc single incision slings compared to Monarc transobturator slings: An analysis to evaluate durability of continence and medium-term outcomes. <i>Neurourology and Urodynamics</i> , 2017, 36, 803-807.	1.5	9
446	Providing direction improves function: Comparison of a radial pore-orientated acellular collagen scaffold to clinical alternatives in a surgically induced rabbit diaphragmatic tissue defect model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2138-2150.	2.7	9
447	Medium-term outcome of laparoscopic sacrocolpopexy using polyvinylidene fluoride as compared to a hybrid polyglecaprone and polypropylene mesh: A matched control study. <i>Neurourology and Urodynamics</i> , 2019, 38, 1874-1882.	1.5	9
448	Effects of tracheal occlusion on the neonatal cardiopulmonary transition in an ovine model of diaphragmatic hernia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F609-F616.	2.8	9
449	Application of a postnatal prediction model of survival in CDH in the era of fetal therapy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 1818-1823.	1.5	9
450	Monochorionic twins after <i>in vitro</i> fertilization: do they have poorer outcomes?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 831-836.	1.7	9

#	ARTICLE	IF	CITATIONS
451	Fetal interventions in the setting of the coronavirus disease 2019 pandemic: statement from the North American Fetal Therapy Network. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 281-284.	1.3	9
452	Effects of Maternal Abdominal Surgery on Fetal Brain Development in the Rabbit Model. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 189-200.	1.4	9
453	Validation of a high-fidelity training model for fetoscopic spina bifida surgery. <i>Scientific Reports</i> , 2021, 11, 6109.	3.3	9
454	Neurodevelopmental outcomes in children with isolated congenital diaphragmatic hernia: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2022, 42, 318-329.	2.3	9
455	The Detection, Outcome, and Presentation of Twin-Twin Transfusion Syndrome in Monochorionic Diamniotic Twin Pregnancies Followed with a Protocol of Fortnightly Ultrasound Examination. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 353-360.	1.4	9
456	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
457	Antenatal management of congenital diaphragmatic hernia: What's next ?. <i>Prenatal Diagnosis</i> , 2022, 42, 291-300.	2.3	9
458	558: Short term neonatal morbidity in severe left-sided congenital diaphragmatic hernia treated by tracheal occlusion before 30 weeks. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, S162.	1.3	8
459	Effects of betamethasone on peripheral arterial development in term fetal rabbit. <i>Pediatric Pulmonology</i> , 2008, 43, 795-805.	2.0	8
460	56: Neonatal morbidity in fetuses with severe isolated congenital diaphragmatic hernia (CDH) in the FETO era. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, S33.	1.3	8
461	Minimal modulation of the host immune response to SIS matrix implants by mesenchymal stem cells from the amniotic fluid. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2017, 21, 973-982.	2.0	8
462	Transvaginal Mesh Insertion in the Ovine Model. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	8
463	Methotrexate and Valproic Acid Affect Early Neurogenesis of Human Amniotic Fluid Stem Cells from Myelomeningocele. <i>Stem Cells International</i> , 2017, 2017, 1-10.	2.5	8
464	Short term post-operative morphing of sacrocolpopexy mesh measured by magnetic resonance imaging. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 80, 269-276.	3.1	8
465	In vitro simulation of in vivo degradation and cyclic loading of novel degradable electrospun meshes for prolapse repair. <i>Polymer Testing</i> , 2019, 78, 105957.	4.8	8
466	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
467	Handheld Active Add-On Control Unit for a Cable-Driven Flexible Endoscope. <i>Frontiers in Robotics and AI</i> , 2019, 6, 87.	3.2	8
468	Long-term neurological effects of neonatal caffeine treatment in a rabbit model of preterm birth. <i>Pediatric Research</i> , 2020, 87, 1011-1018.	2.3	8

#	ARTICLE	IF	CITATIONS
469	Effects of non-ablative Er:YAG laser on the skin and the vaginal wall: systematic review of the clinical and experimental literature. <i>International Urogynecology Journal</i> , 2020, 31, 2473-2484.	1.4	8
470	Simulated vaginal delivery causes transients vaginal smooth muscle hypersensitivity and urethral sphincter dysfunction. <i>Neurourology and Urodynamics</i> , 2020, 39, 898-906.	1.5	8
471	Study protocol: a core outcome set for perinatal interventions for congenital diaphragmatic hernia. <i>Trials</i> , 2021, 22, 158.	1.6	8
472	The vascular equator in monochorionic twin placentas. <i>Placenta</i> , 2020, 99, 193-196.	1.5	8
473	Bruker2nifti: Magnetic Resonance Images converter from Bruker ParaVision to Nifti format. <i>Journal of Open Source Software</i> , 2017, 2, 354.	4.6	8
474	The association between vein-to-vein anastomoses and birth weight discordance in relation to placental sharing in monochorionic twin placentas. <i>Placenta</i> , 2022, 118, 16-19.	1.5	8
475	Operative fetoscopy: new perspective in fetal therapy?. <i>Prenatal Diagnosis</i> , 1997, 17, 1247-60.	2.3	8
476	Neuroprotection is improved by watertightness of fetal spina bifida repair in the sheep model. <i>Ultrasound in Obstetrics and Gynecology</i> , 2023, 61, 81-92.	1.7	8
477	Neonatal and fetal therapy of congenital diaphragmatic hernia-related pulmonary hypertension. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 458-466.	2.8	8
478	Standardized 10â€step approach for successfully performing a hysterectomy via vaginal natural orifice transluminal endoscopic surgery. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2022, 101, 649-656.	2.8	8
479	Enrichment of collagen plugs with platelets and amniotic fluid cells increases cell proliferation in sealed iatrogenic membrane defects in the fetal rabbit model. <i>Prenatal Diagnosis</i> , 2008, 28, 878-880.	2.3	7
480	Feasibility of in utero Telemetric Fetal ECG Monitoring in a Lamb Model. <i>Fetal Diagnosis and Therapy</i> , 2008, 24, 81-85.	1.4	7
481	A Novel Surgical Approach for Intratracheal Administration of Bioactive Agents in a Fetal Mouse Model. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	7
482	Trauma induces overexpression of Cx43 in human fetal membrane defects. <i>Prenatal Diagnosis</i> , 2017, 37, 899-906.	2.3	7
483	Congenital diaphragmatic hernia as a part of Nanceâ€Horan syndrome?. <i>European Journal of Human Genetics</i> , 2018, 26, 359-366.	2.8	7
484	Fate of mesoangioblasts in a vaginal birth injury model: influence of the route of administration. <i>Scientific Reports</i> , 2018, 8, 10604.	3.3	7
485	Targeting mechanotransduction mechanisms and tissue weakening signals in the human amniotic membrane. <i>Scientific Reports</i> , 2019, 9, 6718.	3.3	7
486	Macro-Micro Multi-Arm Robot for Single-Port Access Surgery. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
487	Current Controversies in Prenatal Diagnosis 1: Should MRI be performed on all fetuses with mild ventriculomegaly?. Prenatal Diagnosis, 2019, 39, 331-338.	2.3	7
488	Simvastatin attenuates lung functional and vascular effects of hyperoxia in preterm rabbits. Pediatric Research, 2020, 87, 1193-1200.	2.3	7
489	Stretch increases alveolar type 1 cell number in fetal lungs through ROCK-Yap/Taz pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L814-L826.	2.9	7
490	The effect of xenon on fetal neurodevelopment following maternal sevoflurane anesthesia and laparotomy in rabbits. Neurotoxicology and Teratology, 2021, 87, 106994.	2.4	7
491	The fetal patient -- ethical aspects of fetal therapy. Facts, Views & Vision in ObGyn, 2011, 3, 221-7.	1.1	7
492	Prenatal diagnosis of congenital diaphragmatic hernia: Parental counselling and support needs. Prenatal Diagnosis, 2022, 42, 387-397.	2.3	7
493	Robust fetoscopic mosaicking from deep learned flow fields. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 1125-1134.	2.8	7
494	P09.15: Recurrence of twin-twin transfusion syndrome (TTTS) and feto-fetal hemorrhage: two complications of laser treatment with distinct ultrasound features. Ultrasound in Obstetrics and Gynecology, 2005, 26, 433-434.	1.7	6
495	T2 Quantifications of Lungs in the Fetal Lamb with Experimentally-Induced Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2007, 22, 143-148.	1.4	6
496	THE PRENATAL MANAGEMENT OF NEURAL TUBE DEFECTS: TIME FOR A RE-APPRAISAL. Fetal and Maternal Medicine Review, 2012, 23, 158-186.	0.3	6
497	A longer tracheal occlusion period results in increased lung growth in the nitrofen rat model. Prenatal Diagnosis, 2012, 32, 39-44.	2.3	6
498	<i>In vitro</i> sealing of iatrogenic fetal membrane defects by a collagen plug imbued with fibrinogen and plasma. Prenatal Diagnosis, 2013, 33, 162-167.	2.3	6
499	Fetal Echocardiography and Pulsed-wave Doppler Ultrasound in a Rabbit Model of Intrauterine Growth Restriction. Journal of Visualized Experiments, 2013, , .	0.3	6
500	Calculation of membrane tension in selected sections of the pelvic floor. International Urogynecology Journal, 2014, 25, 499-506.	1.4	6
501	Biomechanics of the rat vagina during pregnancy and postpartum: a 3-dimensional ultrasound approach. International Urogynecology Journal, 2014, 25, 915-920.	1.4	6
502	A novel translational model for fetoscopic intratracheal delivery of nanoparticles in piglets. Prenatal Diagnosis, 2016, 36, 926-934.	2.3	6
503	Operator competence in fetoscopic laser surgery for twin-twin transfusion syndrome: validation of a procedure-specific evaluation tool. Ultrasound in Obstetrics and Gynecology, 2016, 47, 350-355.	1.7	6
504	The Effect of Transplacental Administration of Glucagon-Like Peptide-1 on Fetal Lung Development in the Rabbit Model of Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2016, 39, 125-133.	1.4	6

#	ARTICLE	IF	CITATIONS
505	The amniotic fluid as a source of mesenchymal stem cells with lung-specific characteristics. <i>Prenatal Diagnosis</i> , 2017, 37, 1093-1099.	2.3	6
506	Quantitative analysis of motor evoked potentials in the neonatal lamb. <i>Scientific Reports</i> , 2017, 7, 16095.	3.3	6
507	Laparoscopic sacrocolpopexy is as safe in septuagenarians or elder as in younger women. <i>Gynecological Surgery</i> , 2018, 15, .	0.9	6
508	Robotic Control of a Multi-Modal Rigid Endoscope Combining Optical Imaging with All-Optical Ultrasound. , 2019, , .		6
509	In case you missed it: The prenatal diagnosis editors bring you the most significant advances of 2018. <i>Prenatal Diagnosis</i> , 2019, 39, 61-69.	2.3	6
510	Influence of osmolarity and hydration on the tear resistance of the human amniotic membrane. <i>Journal of Biomechanics</i> , 2020, 98, 109419.	2.1	6
511	In case you missed it: The <i>Prenatal Diagnosis</i> editors bring you the most significant advances of 2019. <i>Prenatal Diagnosis</i> , 2020, 40, 287-293.	2.3	6
512	Development of a Core outcome set for fetal Myelomeningocele (COSMiC): study protocol. <i>Trials</i> , 2020, 21, 732.	1.6	6
513	Right or wrong? Looking through the retrospectoscope to analyse predictions made a decade ago in prenatal diagnosis and fetal surgery. <i>Prenatal Diagnosis</i> , 2020, 40, 1627-1635.	2.3	6
514	Arterial blood pressure and arterial blood gas values in conscious pregnant rabbits. <i>Veterinary Anaesthesia and Analgesia</i> , 2020, 47, 849-851.	0.6	6
515	Earlier preterm birth is associated with a worse neurocognitive outcome in a rabbit model. <i>PLoS ONE</i> , 2021, 16, e0246008.	2.5	6
516	Automatic Extraction of Hiatal Dimensions in 3-D Transperineal Pelvic Ultrasound Recordings. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 3470-3479.	1.5	6
517	Complex gastroschisis: a new indication for fetal surgery?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 804-812.	1.7	6
518	A spatio-temporal atlas of the developing fetal brain with spina bifida aperta. <i>Open Research Europe</i> , 0, 1, 123.	2.0	6
519	Antenatal management of congenital diaphragmatic hernia today and tomorrow. <i>Minerva Pediatrics</i> , 2018, 70, 270-280.	0.4	6
520	What brain abnormalities can magnetic resonance imaging detect in foetal and early neonatal spina bifida: a systematic review. <i>Neuroradiology</i> , 2022, 64, 233-245.	2.2	6
521	Large-scale surgical workflow segmentation for laparoscopic sacrocolpopexy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 467-477.	2.8	6
522	Pulmonary hypertension in congenital diaphragmatic hernia: Antenatal prediction and impact on neonatal mortality. <i>Prenatal Diagnosis</i> , 2022, 42, 1303-1311.	2.3	6

#	ARTICLE	IF	CITATIONS
523	Controlled Balloon Dilatation for Laparoscopic Extraperitoneal Bladder Neck Suspension in Patients with Previous Abdominal Surgery. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2000, 10, 27-30.	1.0	5
524	554: Lung response to fetal tracheal occlusion is better prior to 29 weeks than after. American Journal of Obstetrics and Gynecology, 2007, 197, S161.	1.3	5
525	Full thickness abdominal wall defect in growing rats as a model for congenital diaphragmatic hernia prosthetic repair. Journal of Pediatric Surgery, 2014, 49, 1458-1465.	1.6	5
526	Transplacental Administration of Rosiglitazone Attenuates Hyperoxic Lung Injury in a Preterm Rabbit Model. Fetal Diagnosis and Therapy, 2016, 39, 297-305.	1.4	5
527	A Combined EM and Visual Tracking Probabilistic Model for Robust Mosaicking: Application to Fetoscopy. , 2016, , .		5
528	In case you missed it: the <i>Prenatal Diagnosis</i> editors bring you the most significant advances of 2015. Prenatal Diagnosis, 2016, 36, 3-9.	2.3	5
529	Prenatal surgery for spina bifida: a therapeutic dilemma. Proceedings of the SHINE conference, Belfast. Irish Journal of Medical Science, 2018, 187, 713-718.	1.5	5
530	Design and Shared Control of a Flexible Endoscope with Autonomous Distal Tip Alignment. , 2019, , .		5
531	Ultrasound visualization of sacrocolpopexy polyvinylidene fluoride meshes containing paramagnetic Fe particles compared with polypropylene mesh. International Urogynecology Journal, 2019, 30, 795-804.	1.4	5
532	Predicting the mechanical response of the vaginal wall in ball burst tests based on histology. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1925-1933.	3.4	5
533	Potential sealing and repair of human <sc>FM</sc> defects after trauma with peptide amphiphiles and Cx43 antisense. Prenatal Diagnosis, 2021, 41, 89-99.	2.3	5
534	Fetallyâ€injected drugs for immobilization and analgesia do not modify fetal brain development in a rabbit model. Prenatal Diagnosis, 2021, 41, 1164-1170.	2.3	5
535	Cx43 mediates changes in myofibroblast contraction and collagen release in human amniotic membrane defects after trauma. Scientific Reports, 2021, 11, 16975.	3.3	5
536	Pregnancyâ€related pharmacokinetics and antimicrobial prophylaxis during fetal surgery, cefazolin and clindamycin as examples. Prenatal Diagnosis, 2020, 40, 1178-1184.	2.3	5
537	The ewe as an animal model of vaginal atrophy and vaginal Er:YAG laser application. Menopause, 2021, 28, 198-206.	2.0	5
538	Laparoscopic sacrocolpopexy. Facts, Views & Vision in ObGyn, 2011, 3, 151-8.	1.1	5
539	Prenatal treprostinil reduces the pulmonary hypertension phenotype in the rat model of congenital diaphragmatic hernia. EBioMedicine, 2022, 81, 104106.	6.1	5
540	Maternal hyperoxygenation test in fetuses with prenatally treated severe diaphragmatic hernia: Longitudinal observation study. American Journal of Obstetrics and Gynecology, 2006, 195, S21.	1.3	4

#	ARTICLE	IF	CITATIONS
541	Chorionic Membrane Separation following Fetoscopy. A Role for Collagen Plugging of the Fetoscopic Access Site?. <i>Fetal Diagnosis and Therapy</i> , 2008, 23, 87-88.	1.4	4
542	Clinicopathological Study of Patients Requiring Reintervention After Sacrocolpopexy With Xenogenic Acellular Collagen Grafts. <i>Journal of Urology</i> , 2010, 183, 2249-2255.	0.4	4
543	Twin-twin transfusion syndrome: the good news is; there is still room for improvement. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 1131-1133.	2.8	4
544	A pictorial essay on fetal rabbit anatomy using micro-ultrasound and magnetic resonance imaging. <i>Prenatal Diagnosis</i> , 2014, 34, 84-89.	2.3	4
545	86: Synergic effect of maternal sildenafil and fetal tracheal occlusion improving pulmonary development in the rabbit model for congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, S62.	1.3	4
546	Surgical Treatment of Female Stress Urinary Incontinence: Do Tapes Stand the Test of Time?. <i>European Urology</i> , 2017, 72, 592-593.	1.9	4
547	Pericardio-Amniotic Shunting for Incomplete Pentalogy of Cantrell. <i>Fetal Diagnosis and Therapy</i> , 2017, 41, 152-156.	1.4	4
548	Medical-grade Sterilizable Target for Fluid-immersed Fetoscope Optical Distortion Calibration. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
549	The histological microstructure and in vitro mechanical properties of pregnant and postmenopausal ewe perineal body. <i>Menopause</i> , 2019, 26, 1289-1301.	2.0	4
550	Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112161.	5.6	4
551	A growing animal model for neonatal repair of large diaphragmatic defects to evaluate patch function and outcome. <i>PLoS ONE</i> , 2017, 12, e0174332.	2.5	4
552	Prenatal ultrasonographic markers for prediction of complex gastroschisis and adverse perinatal outcomes: a systematic review and meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 371-379.	2.8	4
553	Fetal Problems in Multiple Pregnancy. , 2011, , 405-436.e7.		4
554	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. <i>PLoS ONE</i> , 2020, 15, e0241384.	2.5	4
555	Neurocognitive sequelae of antenatal corticosteroids in a late preterm rabbit model. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 850.e1-850.e21.	1.3	4
556	Challenges and Pitfalls: Performing Clinical Trials in Patients With Congenital Diaphragmatic Hernia. <i>Frontiers in Pediatrics</i> , 2022, 10, 852843.	1.9	4
557	Prenatal surgery in a triplet pregnancy complicated by a double twin reversed arterial perfusion (TRAP) sequence. <i>Case Reports in Perinatal Medicine</i> , 2012, 1, 83-86.	0.1	3
558	In case you missed it: the Prenatal Diagnosis editors bring you the most significant advances of 2014. <i>Prenatal Diagnosis</i> , 2015, 35, 29-34.	2.3	3

#	ARTICLE	IF	CITATIONS
559	Thrombin Generation by Fetoscopic Trauma to the Fetal Membranes: An in vivo and in vitro Study. Fetal Diagnosis and Therapy, 2016, 39, 261-268.	1.4	3
560	474: Placenta transfer of sildenafil citrate in the ex-vivo human cotyledon perfusion model. American Journal of Obstetrics and Gynecology, 2017, 216, S280.	1.3	3
561	In case you missed it: the Prenatal Diagnosis editors bring you the most significant advances of 2016. Prenatal Diagnosis, 2017, 37, 117-122.	2.3	3
562	In case you missed it: The Prenatal Diagnosis editors bring you the most significant advances of 2017. Prenatal Diagnosis, 2018, 38, 83-90.	2.3	3
563	Placental vascular recruitment after single intrauterine demise: A newly diagnosed phenomenon unique to monochorionic pregnancies. Prenatal Diagnosis, 2019, 39, 409-412.	2.3	3
564	A study to assess knowledge and acceptability of foetal surgery for spina bifida amongst healthcare professionals in the UK. Journal of Obstetrics and Gynaecology, 2020, 40, 448-454.	0.9	3
565	Survey on surgery for stress urinary incontinence in an era mid-urethral slings are being questioned. International Urogynecology Journal, 2020, 31, 695-702.	1.4	3
566	Transplacental Transfer and Fetal Pharmacodynamics of Sildenafil in the Pregnant Sheep Model. Fetal Diagnosis and Therapy, 2021, 48, 411-420.	1.4	3
567	Operative fetoscopy: new perspective in fetal therapy?. Prenatal Diagnosis, 1997, 17, 1247-1260.	2.3	3
568	Automatic C-Plane Detection in Pelvic Floor Transperineal Volumetric Ultrasound. Lecture Notes in Computer Science, 2020, , 136-145.	1.3	3
569	Prédiction anténatale de l'hypoplasie pulmonaire et traitement in-utero par occlusion trachéale fœtale endoscopique (FETO) dans la hernie diaphragmatique congénitale isolée sèvère. Bulletin De L'Academie Nationale De Medecine, 2008, 192, 1589-1609.	0.0	3
570	A Systematic Review of the Influence of Continuous Positive Airway Pressure on Fetal and Newborn Animal Models: Suggestions to Improve Neonatal Respiratory Care. Neonatology, 2021, 118, 5-14.	2.0	3
571	Neurodevelopmental effects of maternal blood pressure management with noradrenaline during general anaesthesia for nonobstetric surgery in the pregnant rabbit model. European Journal of Anaesthesiology, 2022, 39, 511-520.	1.7	3
572	65: In utero oxygen reactivity in fetuses with congenital diaphragmatic hernia and correlations with postnatal respiratory function. American Journal of Obstetrics and Gynecology, 2007, 197, S30.	1.3	2
573	OC046: The addition of lidocaine to the gel used for gel infusion sonography (GIS): Effect on pain perception during GIS and subsequent hysteroscopy and endometrial sampling. Ultrasound in Obstetrics and Gynecology, 2008, 32, 257-258.	1.7	2
574	OC22.09: Middle cerebral artery peak systolic velocities in twin-twin transfusion syndrome fetuses around the time of fetoscopic laser coagulation. Ultrasound in Obstetrics and Gynecology, 2009, 34, 42-43.	1.7	2
575	OC07.05: Incidence and clinical implications of unintended septostomy after fetoscopic laser therapy for twin-twin transfusion syndrome. Ultrasound in Obstetrics and Gynecology, 2010, 36, 14-14.	1.7	2
576	A Ray of Light for Fetal Therapy. Human Gene Therapy, 2010, 21, 137-139.	2.7	2

#	ARTICLE	IF	CITATIONS
577	63: Transplacental sildenafil rescues vascular and airway morphometry in the rabbit model of congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S44-S45.	1.3	2
578	3D Convolutional Neural Network for Segmentation of the Urethra in Volumetric Ultrasound of the Pelvic Floor. , 2019, , .		2
579	Evaluating the Potential Benefit of Autostereoscopy in Laparoscopic Sacrocolpopexy through VR Simulation. , 2019, , .		2
580	The importance of developing relevant animal models to assess existing and new materials. <i>Current Opinion in Urology</i> , 2019, 29, 400-406.	1.8	2
581	Foetal therapies and their influence on preterm birth. <i>Seminars in Immunopathology</i> , 2020, 42, 501-514.	6.1	2
582	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
583	Fetal surgery has no additional effect to general anesthesia on brain development in neonatal rabbits. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2022, 4, 100513.	2.6	2
584	Laser for twin-to-twin transfusion syndrome: a guide for endoscopic surgeons. <i>Facts, Views & Vision in ObGyn</i> , 2019, 11, 197-205.	1.1	2
585	Fetoscopic insufflation of heated–humidified carbon dioxide during simulated spina bifida repair is safe under controlled anesthesia in the fetal lamb. <i>Prenatal Diagnosis</i> , 2022, 42, 180-191.	2.3	2
586	Maternal-Fetal Therapy: The (Psycho)Social Dilemma. <i>American Journal of Bioethics</i> , 2022, 22, 63-65.	0.9	2
587	183 Lung-To-Head Ratio and Liver Position to Predict Outcome in Early Diagnosed Isolated Left Sided Diaphragmatic Hernia Fetuses: A Multicenter Study.. <i>Pediatric Research</i> , 2005, 58, 386-386.	2.3	1
588	OC270: Observed to expected lung area to head circumference ratio in the prediction of survival in fetuses with isolated diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 450-450.	1.7	1
589	OP03.12: Antenatal MRI in the diagnosis and management of fetal renal and suprarenal pathology. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 467-467.	1.7	1
590	OP09.07: TTTS1 protocol: a cluster randomized controlled trial comparing a conservative management and primary laser surgery in stage 1 TTTS. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 90-90.	1.7	1
591	OP09.09: Total randomized controlled trial for moderate pulmonary hypoplasia due to congenital diaphragmatic hernia (CDH). <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 91-91.	1.7	1
592	OP06.03: The impact of access diameter at fetoscopic laser treatment of twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 68-68.	1.7	1
593	Use of Data from Predictive Tests following Fetoscopic Endoluminal Tracheal Occlusion for Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 261-262.	1.4	1
594	Experimental Evaluation of Tracheo-Amniotic Shunting for Induced Congenital High Airway Obstruction in a Sheep Model. <i>Fetal Diagnosis and Therapy</i> , 2015, 38, 282-287.	1.4	1

#	ARTICLE	IF	CITATIONS
595	Prenatal interventions to prevent bronchopulmonary dysplasia in animal models: a systematic review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 29, 1-8.	1.5	1
596	Ureidopyrimidinone-polycaprolactone electrospun MESH reinforce rabbit abdominal wall incisional hernia maintains physiological compliance. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 211, 206.	1.1	1
597	Antenatal Diagnosis: Current Status for Paediatric Surgeons. , 2018, , 63-103.		1
598	In VivoForce Sensing During Laparoscopic Sacrocolpopexy Vaginal Vault Manipulation. <i>Journal of Medical Robotics Research</i> , 2019, 04, 1950003.	1.2	1
599	The use of MRI in fetal conditions amenable for antenatal management. <i>Prenatal Diagnosis</i> , 2020, 40, 3-5.	2.3	1
600	1105: Safety and feasibility of humidified-warmed PACI (partial-amniotic-carbon-dioxide-insufflation) for fetoscopic spina bifida repair. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, S680-S681.	1.3	1
601	A uniaxial force and stiffness model of the vagina during laparoscopic sacrocolpopexy. <i>Clinical Biomechanics</i> , 2021, 81, 105204.	1.2	1
602	Authors' reply re: Vaginal Er:YAG laser application in the menopausal ewe model: a randomised estrogen and sham-controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 1099-1099.	2.3	1
603	Laparoscopic Pelvic Floor Surgery. , 2021, , 695-707.		1
604	How to better distinguish between Type II and III selective fetal growth restriction in monochorionic twin pregnancies?. <i>Fetal Diagnosis and Therapy</i> , 2022, , .	1.4	1
605	Design and Characterization of a Miniature Dual-chamber Pneumatic Actuator for Minimally Invasive Surgical Devices. , 2021, , .		1
606	OC100: TRAP sequence: fetoscopic laser treatment. <i>Ultrasound in Obstetrics and Gynecology</i> , 2004, 24, 243-244.	1.7	0
607	OC103: Fertility and pregnancy outcome after fetoscopic surgery. <i>Ultrasound in Obstetrics and Gynecology</i> , 2004, 24, 244-244.	1.7	0
608	OC123: Prevalence of congenital heart disease in the neonatal period in TTTS treated by laserphotocoagulation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2004, 24, 249-250.	1.7	0
609	OC36.02: The use of a single MR imaging biometric parameter to accurately quantify fetal relative lung volume in fetuses with suspicion of pulmonary hypoplasia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 26, 371-371.	1.7	0
610	OC269: Prenatal prediction of neonatal morbidity in congenital diaphragmatic hernia: a multicenter study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 450-450.	1.7	0
611	OP15.10: Monochorionic and dichorionic twin pregnancies discordant for fetal anencephaly: a systematic review of prenatal management options. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 508-509.	1.7	0
612	OC047: Removal of focal intracavity lesions results in cessation of abnormal uterine bleeding in the vast majority of women. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 258-258.	1.7	0

#	ARTICLE	IF	CITATIONS
613	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> , 2009, 34, 42-42.	1.7	0
614	OP18.06: The twin anemia polycythemia sequence from a prenatal perspective. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 119-119.	1.7	0
615	OP34.02: Cerebral blood flow in monochorionic diamniotic twins - normative values for peak systolic velocity from a longitudinal study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 171-171.	1.7	0
616	OP06.04: Fetoscopic entry technique at laser therapy for twin-twin transfusion syndrome affects rates of amniorrhexis and preterm birth before 32 weeks. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 68-68.	1.7	0
617	OP07.02: The added value of fluid instillation sonography in women with a total endometrial thickness $\geq 1/2$ 5 mm at transvaginal ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 71-71.	1.7	0
618	OP07.04: The value of fluid instillation sonography in women under 40 years of age. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 71-71.	1.7	0
619	OP26.03: Transperineal ultrasound and clinical examination for pelvic organ prolapse correlate better if both are performed in a one stop clinic. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 128-128.	1.7	0
620	OP26.08: Preoperative ultrasound measurements of genital hiatus are not different between patients with and without de novo recurrence after anterior vaginal repair. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 129-130.	1.7	0
621	P19.04: Longitudinal measurements of pulsatility indices in the middle cerebral and umbilical artery in monochorionic diamniotic twins. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 243-243.	1.7	0
622	P26.06: Changes in genital hiatus after sacrocolpopexy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 271-271.	1.7	0
623	Treatment of Congenital Diaphragmatic Hernia. <i>Medical Radiology</i> , 2010, , 343-360.	0.1	0
624	OC15.01: Neonatal morbidity in fetuses with severe isolated CDH in the FETO era. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 27-28.	1.7	0
625	OC15.04: Predictors of early neonatal morbidity in fetuses with severe isolated congenital diaphragmatic hernia (CDH) undergoing fetal endoluminal tracheal occlusion (FETO). <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 28-29.	1.7	0
626	OC17.01: The association of patients' characteristics and bleeding pattern with uterine intracavitary pathology. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 31-31.	1.7	0
627	Maternal complications of fetal surgery. , 0, , 462-471.		0
628	The 2013 Malcolm Ferguson-Smith Young Investigator Award. <i>Prenatal Diagnosis</i> , 2014, 34, 717-718.	2.3	0
629	The 2016 Malcolm Ferguson-Smith Young Investigator Award. <i>Prenatal Diagnosis</i> , 2017, 37, 525-526.	2.3	0
630	Elective uterine artery embolization prior to laparoscopic resection of interstitial pregnancy: two cases and literature review. <i>Gynecological Surgery</i> , 2018, 15, .	0.9	0

#	ARTICLE	IF	CITATIONS
631	The 2017 Malcolm Ferguson-Smith Young Investigator Award. <i>Prenatal Diagnosis</i> , 2018, 38, 545-546.	2.3	0
632	Delivery mode choice adds to complexity of counselling for spina bifida. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 328-328.	2.3	0
633	The 2018 Malcolm Ferguson-Smith Young Investigator Award. <i>Prenatal Diagnosis</i> , 2019, 39, 835-837.	2.3	0
634	Uterine Arterial Embolization Combined with Laparoscopic Resection in the Management of Caesarean Scar Pregnancy. <i>Journal of Gynecologic Surgery</i> , 2019, 35, 308-310.	0.1	0
635	Congenital Diaphragmatic Hernia: Pathophysiology and Antenatal Assessment. , 2019, , 494-502.		0
636	Congenital Diaphragmatic Hernia: <i>In Utero</i> Treatment Today and Tomorrow. , 2019, , 503-511.		0
637	In Utero Surgery for Spina Bifida Aperta. , 2019, , 401-411.		0
638	Open Fetal Surgery. , 2020, , 454-467.e2.		0
639	Reply. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 634-635.	1.7	0
640	The 2019 Malcolm Ferguson-Smith Young Investigator Award. <i>Prenatal Diagnosis</i> , 2020, 40, 763-765.	2.3	0
641	Placental gas exchange during amniotic carbon dioxide insufflation in sheep. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 305-313.	1.7	0
642	Authors' reply re: Hysteropexy in the treatment of uterine prolapse stage 2 or higher: laparoscopic sacrohysteropexy versus sacrospinous hysteropexy—a multicentre randomised controlled trial (LAVA) <i>Tj ETQq0 0 2 3 gBT / Overlock 10</i>		0
643	Authors' reply re: Vaginal Er:YAG laser application in the menopausal ewe model: a randomised estrogen and sham-controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 1100-1101.	2.3	0
644	The Laparoscopic Approach to Pelvic Floor Surgery. , 2010, , 473-484.		0
645	Medium Term Anatomical and Functional Results of Laparoscopic Sacrocolpopexy Using Xenografts. , 2011, , 81-88.		0
646	Thorax, diafragma en nek. , 2016, , 169-180.		0
647	Technical note: automatic segmentation method of pelvic floor levator hiatus in ultrasound using a self-normalising neural network. , 2018, , .		0
648	Fetal and maternal hemodynamics in pregnancy: new insights in the cardiovascular adaptation to uncomplicated pregnancy, twin-to-twin transfusion syndrome and congenital diaphragmatic hernia. <i>Facts, Views & Vision in ObGyn</i> , 2011, 3, 205-13.	1.1	0

#	ARTICLE	IF	CITATIONS
649	Authors' reply re: "Vaginal Er:YAG laser application in the menopausal ewe model: a randomised estrogen and sham-controlled trial". BJOG: an International Journal of Obstetrics and Gynaecology, 2021, , .	2.3	0
650	Title is missing!. , 2020, 15, e0239562.		0
651	Title is missing!. , 2020, 15, e0239562.		0
652	Title is missing!. , 2020, 15, e0239562.		0
653	Title is missing!. , 2020, 15, e0239562.		0
654	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. , 2020, 15, e0241384.		0
655	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. , 2020, 15, e0241384.		0
656	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. , 2020, 15, e0241384.		0
657	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. , 2020, 15, e0241384.		0
658	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. , 2020, 15, e0241384.		0
659	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. , 2020, 15, e0241384.		0