

Jan Deprest

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

615
papers

18,547
citations

66
h-index

110
g-index

707
ext. papers

22,259
ext. citations

4
avg, IF

6.6
L-index

#	Paper	IF	Citations
615	Endoscopic laser surgery versus serial amnioreduction for severe twin-to-twin transfusion syndrome. <i>New England Journal of Medicine</i> , 2004 , 351, 136-44	59.2	1006
614	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	5.8	376
613	Interactive Medical Image Segmentation Using Deep Learning With Image-Specific Fine Tuning. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1562-1573	11.7	307
612	Severe diaphragmatic hernia treated by fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 304-10	5.8	306
611	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, 121-6	5.8	299
610	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	4	289
609	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.e1-8	6.4	285
608	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	6.4	265
607	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	5.8	263
606	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	2	219
605	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	2.3	214
604	Prenatal prediction of survival in isolated left-sided diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 27, 18-22	5.8	214
603	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, 2144-51	40	211
602	Pregnancy and infant outcome of 80 consecutive cord coagulations in complicated monochorionic multiple pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 194, 782-9	6.4	172
601	Prenatal detection and outcome of congenital diaphragmatic hernia: a French registry-based study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 29, 276-83	5.8	154
600	Placental sharing, birthweight discordance, and vascular anastomoses in monochorionic diamniotic twin placentas. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 197, 587.e1-8	6.4	150
599	The vascular anastomoses in monochorionic twin pregnancies and their clinical consequences. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 208, 19-30	6.4	149

598	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.e1-7	6.4	149
597	Bipolar coagulation of the umbilical cord in complicated monochorionic twin pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 182, 340-5	6.4	148
596	Hernia repair: the search for ideal meshes. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2010 , 14, 81-7	3.2	147
595	Prenatal prediction of neonatal morbidity in survivors with congenital diaphragmatic hernia: a multicenter study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 64-9	5.8	142
594	DeepIGeoS: A Deep Interactive Geodesic Framework for Medical Image Segmentation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1559-1572	13.3	139
593	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	2.6	135
592	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, 790-5	6.4	135
591	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, 793-9	5.8	133
590	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, 159-63	5.8	133
589	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, 1646-50	6.4	127
588	Fetal intervention for congenital diaphragmatic hernia: the European experience. <i>Seminars in Perinatology</i> , 2005 , 29, 94-103	3.3	126
587	Fetoscopic versus Open Repair for Spina Bifida Aperta: A Systematic Review of Outcomes. <i>Fetal Diagnosis and Therapy</i> , 2016 , 39, 161-71	2.4	121
586	The making of fetal surgery. <i>Prenatal Diagnosis</i> , 2010 , 30, 653-67	3.2	116
585	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	10.2	114
584	On the origin of amniotic stem cells: of mice and men. <i>International Journal of Developmental Biology</i> , 2010 , 54, 761-77	1.9	111
583	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, 1961-70	6.4	105
582	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.e1-7	6.4	104
581	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, 619-24	2.2	103

580	Twin reversed arterial perfusion: fetoscopic laser coagulation of placental anastomoses or the umbilical cord. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 28, 688-91	5.8	101
579	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, 338-48	3.7	100
578	Lung volumes in fetuses with congenital diaphragmatic hernia: comparison of 3D US and MR imaging assessments. <i>Radiology</i> , 2007 , 244, 575-82	20.5	97
577	Congenital diaphragmatic hernia. <i>European Respiratory Journal</i> , 2012 , 39, 820-9	13.6	96
576	Injectable candidate sealants for fetal membrane repair: bonding and toxicity in vitro. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 202, 85.e1-9	6.4	96
575	Comparison of host response to polypropylene and non-cross-linked porcine small intestine serosal-derived collagen implants in a rat model. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005 , 112, 1554-60	3.7	96
574	Experience with fetoscopic cord ligation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998 , 81, 157-64	2.4	95
573	Fetal membrane healing after spontaneous and iatrogenic membrane rupture: a review of current evidence. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 1512-20	6.4	94
572	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.e1-8	6.4	93
571	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, 633-9	5.8	93
570	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		93
569	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, 627-32	5.8	89
568	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, 669-75	5.8	87
567	Carbon dioxide pneumoamnios causes acidosis in fetal lamb. <i>Fetal Diagnosis and Therapy</i> , 1994 , 9, 105-9	2.4	87
566	The biology behind fascial defects and the use of implants in pelvic organ prolapse repair. <i>International Urogynecology Journal</i> , 2006 , 17 Suppl 1, S16-25	2	86
565	Fetal body volume: use at MR imaging to quantify relative lung volume in fetuses suspected of having pulmonary hypoplasia. <i>Radiology</i> , 2006 , 241, 847-53	20.5	84
564	Current consequences of prenatal diagnosis of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2006 , 41, 423-30	2.6	82
563	A histological study of fetoscopic membrane defects to document membrane healing. <i>Placenta</i> , 2006 , 27, 452-6	3.4	81

562	Percutaneous fetal endoscopic tracheal occlusion (FETO) for severe left-sided congenital diaphragmatic hernia. <i>Clinical Obstetrics and Gynecology</i> , 2005 , 48, 910-22	1.7	80
561	Placental characteristics in monochorionic twins with and without twin anemia-polycythemia sequence. <i>Obstetrics and Gynecology</i> , 2008 , 112, 753-8	4.9	79
560	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	3.7	78
559	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, 456-60	5.8	77
558	Medium-term anatomic and functional results of laparoscopic sacrocolpopexy beyond the learning curve. <i>European Urology</i> , 2009 , 55, 1459-67	10.2	76
557	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.e1-7	6.4	76
556	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, 301-8	5.8	74
555	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, 166-72	3.7	72
554	Technical aspects of fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2011 , 46, 22-32	2.6	70
553	Current experience with fetoscopy and the Eurofoetus registry for fetoscopic procedures. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000 , 92, 151-9	2.4	70
552	Fetal surgery for congenital diaphragmatic hernia is back from never gone. <i>Fetal Diagnosis and Therapy</i> , 2011 , 29, 6-17	2.4	68
551	Prenatal diagnosis, prediction of outcome and in utero therapy of isolated congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2008 , 28, 581-91	3.2	68
550	Methods for prenatal assessment of fetal cardiac function. <i>Prenatal Diagnosis</i> , 2009 , 29, 1193-203	3.2	67
549	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	5.8	66
548	Minimally invasive therapy for fetal sacrococcygeal teratoma: case series and systematic review of the literature. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 611-9	5.8	65
547	An automated framework for localization, segmentation and super-resolution reconstruction of fetal brain MRI. <i>NeuroImage</i> , 2020 , 206, 116324	7.9	64
546	Fetal Tracheal Occlusion for Severe Pulmonary Hypoplasia in Isolated Congenital Diaphragmatic Hernia: A Systematic Review and Meta-analysis of Survival. <i>Annals of Surgery</i> , 2016 , 264, 929-933	7.8	63
545	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, 125-30	5.8	62

544	Changing perspectives on the perinatal management of isolated congenital diaphragmatic hernia in Europe. <i>Clinics in Perinatology</i> , 2009 , 36, 329-47, ix	2.8	61
543	Alternative technique for Nd: YAG laser coagulation in twin-to-twin transfusion syndrome with anterior placenta. <i>Ultrasound in Obstetrics and Gynecology</i> , 1998 , 11, 347-52	5.8	60
542	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, 469-76	8.1	59
541	Placenta as a reservoir of stem cells: an underutilized resource?. <i>British Medical Bulletin</i> , 2013 , 105, 43-68;4	5.4	59
540	Tracheoscopic endoluminal plugging using an inflatable device in the fetal lamb model. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998 , 81, 165-9	2.4	59
539	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, 1086-96	3.2	58
538	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, 545-50	5.8	58
537	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	5.8	57
536	Instrumental requirements for minimal invasive fetal surgery. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009 , 116, 188-97	3.7	57
535	Fetal body volume at MR imaging to quantify total fetal lung volume: normal ranges. <i>Radiology</i> , 2008 , 247, 197-203	20.5	57
534	Assessment of lung area in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 72-6	5.8	57
533	Maternal complications following open and fetoscopic fetal surgery: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2019 , 39, 251-268	3.2	56
532	Residual anastomoses in twin-twin transfusion syndrome after laser: the Solomon randomized trial. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 285.e1-7	6.4	56
531	Medium term outcome of laparoscopic sacrocolpopexy with xenografts compared to synthetic grafts. <i>Journal of Urology</i> , 2009 , 182, 2362-8	2.5	56
530	Fetoscopic surgery: encouraged by clinical experience and boosted by instrument innovation. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006 , 11, 398-412	3.7	56
529	Endoscopic cord ligation in selective feticide. <i>Lancet, The</i> , 1996 , 348, 890-1	4.0	56
528	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	5.8	55
527	Remifentanyl for fetal immobilization and maternal sedation during fetoscopic surgery: a randomized, double-blind comparison with diazepam. <i>Anesthesia and Analgesia</i> , 2005 , 101, 251-8, table of contents	3.9	55

526	Evidence and patterns in lung response after fetal tracheal occlusion: clinical controlled study. <i>Radiology</i> , 2009 , 252, 526-33	20.5	54
525	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, 424-9	5.8	54
524	Pulmonary vascular morphology in a fetal rabbit model for congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2004 , 39, 1066-72	2.6	54
523	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	3.7	52
522	Tracheoscopic endotracheal occlusion in the ovine model: technique and pulmonary effects. <i>Journal of Pediatric Surgery</i> , 1997 , 32, 1328-31	2.6	52
521	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, 830-6	6.4	52
520	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	5.8	51
519	Twin anemia polycythemia sequence from a prenatal perspective. <i>Prenatal Diagnosis</i> , 2010 , 30, 438-42	3.2	50
518	Fetal lung volume after endoscopic tracheal occlusion in the prediction of postnatal outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 60.e1-5	6.4	50
517	Lung development following diaphragmatic hernia in the fetal rabbit. <i>Human Reproduction</i> , 2000 , 15, 2483-8	5.7	50
516	Gelatin sponge plug to seal fetoscopy port sites: technique in ovine and primate models. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 181, 995-6	6.4	50
515	Prenatal anatomical imaging in fetuses with congenital diaphragmatic hernia. <i>Fetal Diagnosis and Therapy</i> , 2011 , 29, 88-100	2.4	49
514	Successful sealing of fetoscopic access sites with collagen plugs in the rabbit model. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 182, 142-6	6.4	49
513	The effect of open and endoscopic fetal surgery on uteroplacental oxygen delivery in the sheep. <i>Journal of Pediatric Surgery</i> , 1996 , 31, 310-4	2.6	49
512	Antenatal management of isolated congenital diaphragmatic hernia today and tomorrow: ongoing collaborative research and development. Journal of Pediatric Surgery Lecture. <i>Journal of Pediatric Surgery</i> , 2012 , 47, 282-90	2.6	48
511	Prevalence of major levator abnormalities in symptomatic patients with an underactive pelvic floor contraction. <i>International Urogynecology Journal</i> , 2010 , 21, 861-7	2	48
510	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, 123-38	4.6	48
509	Twin-to-twin transfusion syndrome (TTTS). <i>Journal of Perinatal Medicine</i> , 2011 , 39, 107-12	2.7	47

508	Successful patching of iatrogenic rupture of the fetal membranes. <i>Placenta</i> , 2004 , 25, 352-6	3.4	47
507	Implementation of laparoscopic sacrocolpopexy--a single centre's experience. <i>International Urogynecology Journal</i> , 2009 , 20, 1119-25	2	46
506	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, 11-7	2.6	46
505	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	5.8	44
504	Fetal surgery is a clinical reality. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010 , 15, 58-67	3.7	44
503	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, 368-72	5.2	44
502	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, 515-26	2	43
501	Current controversies in prenatal diagnosis 4: Should fetal surgery be done in all cases of severe diaphragmatic hernia?. <i>Prenatal Diagnosis</i> , 2009 , 29, 15-9	3.2	43
500	Diagnosis and management of heterokaryotypic monochorionic twins. <i>American Journal of Medical Genetics, Part A</i> , 2006 , 140, 272-5	2.5	43
499	Fetoscopic endoluminal tracheal occlusion and reestablishment of fetal airways for congenital diaphragmatic hernia. <i>Gynecological Surgery</i> , 2018 , 15, 9	1.7	42
498	Separating fetal and maternal placenta circulations using multiparametric MRI. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 350-361	4.4	42
497	Shrinkage and biomechanical evaluation of lightweight synthetics in a rabbit model for primary fascial repair. <i>International Urogynecology Journal</i> , 2011 , 22, 1099-108	2	40
496	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, 855-60	5.8	40
495	Magnetic resonance imaging of the fetal lung: a pictorial essay. <i>European Radiology</i> , 2008 , 18, 1364-74	8	40
494	Prenatal intervention for isolated congenital diaphragmatic hernia. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006 , 18, 203-15	2.4	40
493	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, 449-53	5.8	40
492	Analysis of the learning process for laparoscopic sacrocolpopexy: identification of challenging steps. <i>International Urogynecology Journal</i> , 2014 , 25, 1185-91	2	39
491	Maternal hyperoxygenation test in fetuses undergoing FETO for severe isolated congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 264-71	5.8	39

490	The Fetal Heart in Twin-to-Twin Transfusion Syndrome. <i>International Journal of Pediatrics (United Kingdom)</i> , 2010 , 2010,	2.1	39
489	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, 80-7	2.4	39
488	Operative fetoscopy: new perspective in fetal therapy?. <i>Prenatal Diagnosis</i> , 1997 , 17, 1247-1260	3.2	39
487	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, 119-26	2.4	39
486	Proposal for standardized prenatal ultrasound assessment of the fetus with congenital diaphragmatic hernia by the European reference network on rare inherited and congenital anomalies (ERNICA). <i>Prenatal Diagnosis</i> , 2018 , 38, 629-637	3.2	38
485	Outcome prediction in monochorionic diamniotic twin pregnancies with moderately discordant amniotic fluid. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 15-21	5.8	38
484	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, 149-54	5.8	38
483	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, 164-70	5.8	38
482	Tissue response to collagen containing polypropylene meshes in an ovine vaginal repair model. <i>Acta Biomaterialia</i> , 2016 , 39, 114-123	10.8	38
481	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, 240-5	2.4	37
480	A standardized description of graft-containing meshes and recommended steps before the introduction of medical devices for prolapse surgery. Consensus of the 2nd IUGA Grafts Roundtable: optimizing safety and appropriateness of graft use in transvaginal pelvic reconstructive surgery. <i>International Urogynecology Journal</i> , 2012 , 23 Suppl 1, S15-26	2	37
479	Prenatal assessment and management of sacrococcygeal teratoma. <i>Prenatal Diagnosis</i> , 2011 , 31, 678-88	3.2	37
478	Targeted array comparative genomic hybridisation (array CGH) identifies genomic imbalances associated with isolated congenital diaphragmatic hernia (CDH). <i>Prenatal Diagnosis</i> , 2010 , 30, 1198-206	3.2	37
477	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, 619-26	2	37
476	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.e1-6	6.4	37
475	Computer-assisted surgical planning and intraoperative guidance in fetal surgery: a systematic review. <i>Prenatal Diagnosis</i> , 2015 , 35, 1159-66	3.2	36
474	Persistence of polypropylene mesh anisotropy after implantation: an experimental study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011 , 118, 1180-5	3.7	36
473	Fetal pain perception and pain management. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006 , 11, 232-6	3.7	36

472	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	6.4	35
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