

Jan Deprest

List of Publications by Year in descending order

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Version: 2024-02-01

659
papers

25,369
citations

9234

74
h-index

14702

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.	13.9	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.	5.4	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.	0.9	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.	0.9	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.	0.7	382
6	Severe diaphragmatic hernia treated by fetal endoscopic tracheal occlusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 304-310.	0.9	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.	0.9	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.	0.9	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.	0.7	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.	0.8	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.	6.3	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.	9.7	269
13	Prenatal prediction of survival in isolated left-sided diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 27, 18-22.	0.9	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.	0.7	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.	0.9	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.	0.7	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.	0.7	199
18	Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 107-118.	13.9	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.	0.7	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.	0.9	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.	0.7	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.	0.7	174
23	Hernia repair: the search for ideal meshes. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2010, 14, 81-87.	0.9	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.	0.9	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.	0.8	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.	0.7	160
27	An automated framework for localization, segmentation and super-resolution reconstruction of fetal brain MRI. <i>NeuroImage</i> , 2020, 206, 116324.	2.1	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.	0.9	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.	0.9	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.	0.6	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.	1.1	149
32	Fetal Intervention for Congenital Diaphragmatic Hernia: The European Experience. <i>Seminars in Perinatology</i> , 2005, 29, 94-103.	1.1	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.	0.7	145
34	The making of fetal surgery. <i>Prenatal Diagnosis</i> , 2010, 30, 653-667.	1.1	144
35	Randomized Trial of Fetal Surgery for Moderate Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 119-129.	13.9	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.	0.8	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.	0.9	128
38	On the origin of amniotic stem cells: of mice and men. <i>International Journal of Developmental Biology</i> , 2010, 54, 761-777.	0.3	127
39	Congenital diaphragmatic hernia. <i>European Respiratory Journal</i> , 2012, 39, 820-829.	3.1	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.	0.9	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.	0.7	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.	0.9	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.	0.7	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.	3.6	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.	0.7	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.	1.1	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.	0.9	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.	0.7	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.	0.7	109
50	Experience with fetoscopic cord ligation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998, 81, 157-164.	0.5	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-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, 1554-1560.	1.1	104
53	Medium-Term Anatomic and Functional Results of Laparoscopic Sacrocolpopexy Beyond the Learning Curve. <i>European Urology</i> , 2009, 55, 1459-1468.	0.9	103
54	Placental Characteristics in Monochorionic Twins With and Without Twin Anemia-Polycythemia Sequence. <i>Obstetrics and Gynecology</i> , 2008, 112, 753-758.	1.2	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.	0.8	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.	0.7	96
57	A Histological Study of Fetoscopic Membrane Defects to Document Membrane Healing. <i>Placenta</i> , 2006, 27, 452-456.	0.7	96
58	Technical aspects of fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2011, 46, 22-32.	0.8	96
59	Carbon Dioxide Pneumoamnios Causes Acidosis in Fetal Lamb. <i>Fetal Diagnosis and Therapy</i> , 1994, 9, 105-109.	0.6	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.	3.6	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.	0.9	94
62	Fetal Tracheal Occlusion for Severe Pulmonary Hypoplasia in Isolated Congenital Diaphragmatic Hernia. <i>Annals of Surgery</i> , 2016, 264, 929-933.	2.1	94
63	Maternal complications following open and fetoscopic fetal surgery: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2019, 39, 251-268.	1.1	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.	0.7	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.	0.6	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.	0.5	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.	1.1	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.	1.1	86
69	Fetal Surgery for Congenital Diaphragmatic Hernia Is Back from Never Gone. <i>Fetal Diagnosis and Therapy</i> , 2011, 29, 6-17.	0.6	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.	0.9	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.	1.2	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.	1.1	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.	0.9	78
74	Maternal outcomes and risk factors for COVID-19 severity among pregnant women. <i>Scientific Reports</i> , 2021, 11, 13898.	1.6	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.	1.1	76
76	Methods for prenatal assessment of fetal cardiac function. <i>Prenatal Diagnosis</i> , 2009, 29, 1193-1203.	1.1	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.	0.7	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.	0.9	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.	0.9	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.	1.1	73
81	Placenta as a reservoir of stem cells: an underutilized resource?. <i>British Medical Bulletin</i> , 2013, 105, 43-68.	2.7	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.	1.1	73
83	Fetal Body Volume at MR Imaging to Quantify Total Fetal Lung Volume: Normal Ranges. <i>Radiology</i> , 2008, 247, 197-203.	3.6	72
84	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, 347-352.	0.9	71
85	Changing Perspectives on the Perinatal Management of Isolated Congenital Diaphragmatic Hernia in Europe. <i>Clinics in Perinatology</i> , 2009, 36, 329-347.	0.8	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.	0.5	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.	0.9	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.	0.9	69
89	Instrumental requirements for minimal invasive fetal surgery. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 188-197.	1.1	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.	0.9	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.	0.9	67
92	Evidence and Patterns in Lung Response after Fetal Tracheal Occlusion: Clinical Controlled Study. <i>Radiology</i> , 2009, 252, 526-533.	3.6	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.	1.1	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.	1.1	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.	0.9	64
97	Assessment of lung area in fetuses with congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 72-76.	0.9	64
98	Medium Term Outcome of Laparoscopic Sacrocolpopexy With Xenografts Compared to Synthetic Grafts. <i>Journal of Urology</i> , 2009, 182, 2362-2368.	0.2	64
99	Twin-to-twin transfusion syndrome (TTTS)*. <i>Journal of Perinatal Medicine</i> , 2011, 39, 107-12.	0.6	64
100	Prenatal diagnosis, imaging, and prognosis in Congenital Diaphragmatic Hernia. <i>Seminars in Perinatology</i> , 2020, 44, 511-63.	1.1	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.	0.9	61
102	Twin anemia polycythemia sequence from a prenatal perspective. <i>Prenatal Diagnosis</i> , 2010, 30, 438-442.	1.1	61
103	Endoscopic cord ligation in selective feticide. <i>Lancet, The</i> , 1996, 348, 890-891.	6.3	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.	0.7	60
105	Implementation of laparoscopic sacrocolpopexy—a single centre's experience. <i>International Urogynecology Journal</i> , 2009, 20, 1119-1125.	0.7	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.	0.6	60
107	Pulmonary vascular morphology in a fetal rabbit model for congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2004, 39, 1066-1072.	0.8	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.	0.7	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.	0.6	59
110	Separating fetal and maternal placenta circulations using multiparametric MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 350-361.	1.9	59
111	Lung development following diaphragmatic hernia in the fetal rabbit. <i>Human Reproduction</i> , 2000, 15, 2483-2488.	0.4	58
112	Prenatal intervention for isolated congenital diaphragmatic hernia. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006, 18, 355-367.	0.9	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.	0.7	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.	1.4	57
115	Fetal surgery is a clinical reality. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 58-67.	1.1	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.	1.1	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.	2.1	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.	2.6	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.	0.7	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.	0.8	56
121	Diagnosis and management of heterokaryotypic monozygotic twins. <i>American Journal of Medical Genetics, Part A</i> , 2006, 140A, 272-275.	0.7	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.	0.7	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.	0.8	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.	7.0	56
125	Tracheoscopic endotracheal occlusion in the ovine model: Technique and pulmonary effects. <i>Journal of Pediatric Surgery</i> , 1997, 32, 1328-1331.	0.8	55
126	Successful Patching of Iatrogenic Rupture of the Fetal Membranes. <i>Placenta</i> , 2004, 25, 352-356.	0.7	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.	0.9	55
128	The effect of the first vaginal birth on pelvic floor anatomy and dysfunction. <i>International Urogynecology Journal</i> , 2019, 30, 1689-1696.	0.7	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.	0.8	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.	0.7	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.	0.7	52
132	Transplacental sildenafil rescues lung abnormalities in the rabbit model of diaphragmatic hernia. <i>Thorax</i> , 2016, 71, 517-525.	2.7	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.	1.1	50
134	Prenatal assessment and management of sacrococcygeal teratoma. <i>Prenatal Diagnosis</i> , 2011, 31, 678-688.	1.1	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.	0.9	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.	1.3	49
137	Fetal pain perception and pain management. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006, 11, 232-236.	1.1	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.	0.9	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.	1.1	49
140	The Fetal Heart in Twin-to-Twin Transfusion Syndrome. <i>International Journal of Pediatrics (United)</i> Tj ETQq0 0 0 rgBT J/Overlock 10 Tf 50.	0.2	49
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