

# 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	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
2	What should we tell parents? Congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2022, 42, 398-407.	2.3	11
3	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
4	Prenatal cerebellar growth is altered in congenital diaphragmatic hernia on ultrasound. <i>Prenatal Diagnosis</i> , 2022, 42, 330-337.	2.3	10
5	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
6	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
7	Development of standard definitions and grading for Maternal and Fetal Adverse Event Terminology. <i>Prenatal Diagnosis</i> , 2022, 42, 15-26.	2.3	16
8	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
9	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
10	Fetal surgery has no additional effect to general anesthesia on brain development in neonatal rabbits. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , 2022, 4, 100513.	2.6	2
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Prenatal diagnosis of congenital diaphragmatic hernia: Parental counselling and support needs. <i>Prenatal Diagnosis</i> , 2022, 42, 387-397.	2.3	7

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19	Antenatal management of congenital diaphragmatic hernia: What's next ?. <i>Prenatal Diagnosis</i> , 2022, 42, 291-300.	2.3	9
20	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
21	Maternal-Fetal Therapy: The (Psycho)Social Dilemma. <i>American Journal of Bioethics</i> , 2022, 22, 63-65.	0.9	2
22	Neurodevelopmental effects of maternal blood pressure management with noradrenaline during general anaesthesia for nonobstetric surgery in the pregnant rabbit model. <i>European Journal of Anaesthesiology</i> , 2022, 39, 511-520.	1.7	3
23	How to better distinguish between Type II and III selective fetal growth restriction in monozygotic twin pregnancies?. <i>Fetal Diagnosis and Therapy</i> , 2022, , .	1.4	1
24	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
25	International Urogynecological Consultation (IUC): pathophysiology of pelvic organ prolapse (POP). <i>International Urogynecology Journal</i> , 2022, 33, 1699-1710.	1.4	16
26	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
27	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
28	Challenges and Pitfalls: Performing Clinical Trials in Patients With Congenital Diaphragmatic Hernia. <i>Frontiers in Pediatrics</i> , 2022, 10, 852843.	1.9	4
29	Standardized 10-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
30	Robust fetoscopic mosaicking from deep learned flow fields. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 1125-1134.	2.8	7
31	Prenatal treprostinil reduces the pulmonary hypertension phenotype in the rat model of congenital diaphragmatic hernia. <i>EBioMedicine</i> , 2022, 81, 104106.	6.1	5
32	Pulmonary hypertension in congenital diaphragmatic hernia: Antenatal prediction and impact on neonatal mortality. <i>Prenatal Diagnosis</i> , 2022, 42, 1303-1311.	2.3	6
33	Magnetic resonance imaging measurement of placental perfusion and oxygen saturation in early-onset fetal growth restriction. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 337-345.	2.3	26
34	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
35	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, 1087-1096.	2.3	22
36	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

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37	The <scp>TOTAL</scp> 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
38	Potential sealing and repair of human <scp>FM</scp> defects after trauma with peptide amphiphiles and Cx43 antisense. <i>Prenatal Diagnosis</i> , 2021, 41, 89-99.	2.3	5
39	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
40	A uniaxial force and stiffness model of the vagina during laparoscopic sacrocolpopexy. <i>Clinical Biomechanics</i> , 2021, 81, 105204.	1.2	1
41	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
42	Artificial placenta and womb technology: Past, current, and future challenges towards clinical translation. <i>Prenatal Diagnosis</i> , 2021, 41, 145-158.	2.3	35
43	Cranial findings detected by secondâ€trimester ultrasound in fetuses with myelomeningocele: a systematic review. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 366-374.	2.3	15
44	Placental gas exchange during amniotic carbon dioxide insufflation in sheep. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 305-313.	1.7	0
45	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
46	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
47	Earlier preterm birth is associated with a worse neurocognitive outcome in a rabbit model. <i>PLoS ONE</i> , 2021, 16, e0246008.	2.5	6
48	Animal models for pelvic organ prolapse: systematic review. <i>International Urogynecology Journal</i> , 2021, 32, 1331-1344.	1.4	14
49	Study protocol: a core outcome set for perinatal interventions for congenital diaphragmatic hernia. <i>Trials</i> , 2021, 22, 158.	1.6	8
50	Authors' reply re: 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, 1099-1099.	2.3	1
51	Authors' reply re: Hysteropexy in the treatment of uterine prolapse stage 2 or higher: laparoscopic sacrohysteropexy versus sacrospinous hysteropexyâ€a multicentre randomised controlled trial (LAVA) Tj ETQq1 1 2784314orgBT /Ove		
52	Authors' reply re: 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, 1100-1101.	2.3	0
53	Validation of a high-fidelity training model for fetoscopic spina bifida surgery. <i>Scientific Reports</i> , 2021, 11, 6109.	3.3	9
54	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

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55	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
56	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
57	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
58	Fetoscopic myelomeningocele closure: Is the scientific evidence enough to challenge the gold standard for prenatal surgery?. <i>Prenatal Diagnosis</i> , 2021, 41, 949-956.	2.3	14
59	Fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia: a narrative review of the history, current practice, and future directions. <i>Translational Pediatrics</i> , 2021, 10, 1448-1460.	1.2	14
60	Fetally injected drugs for immobilization and analgesia do not modify fetal brain development in a rabbit model. <i>Prenatal Diagnosis</i> , 2021, 41, 1164-1170.	2.3	5
61	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
62	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
63	Transplacental Transfer and Fetal Pharmacodynamics of Sildenafil in the Pregnant Sheep Model. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 411-420.	1.4	3
64	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
65	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
66	Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 107-118.	27.0	197
67	Randomized Trial of Fetal Surgery for Moderate Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021, 385, 119-129.	27.0	143
68	Maternal outcomes and risk factors for COVID-19 severity among pregnant women. <i>Scientific Reports</i> , 2021, 11, 13898.	3.3	77
69	"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
70	Cx43 mediates changes in myofibroblast contraction and collagen release in human amniotic membrane defects after trauma. <i>Scientific Reports</i> , 2021, 11, 16975.	3.3	5
71	Stretch increases alveolar type 1 cell number in fetal lungs through ROCK-Yap/Taz pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L814-L826.	2.9	7
72	MIDeepSeg: Minimally interactive segmentation of unseen objects from medical images using deep learning. <i>Medical Image Analysis</i> , 2021, 72, 102102.	11.6	48

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73	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
74	Complex gastroschisis: a new indication for fetal surgery?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 804-812.	1.7	6
75	The effect of xenon on fetal neurodevelopment following maternal sevoflurane anesthesia and laparotomy in rabbits. <i>Neurotoxicology and Teratology</i> , 2021, 87, 106994.	2.4	7
76	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
77	Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112161.	5.6	4
78	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
79	Distributionally Robust Segmentation of Abnormal Fetal Brain 3D MRI. <i>Lecture Notes in Computer Science</i> , 2021, , 263-273.	1.3	10
80	Laparoscopic Pelvic Floor Surgery. , 2021, , 695-707.		1
81	The ewe as an animal model of vaginal atrophy and vaginal Er:YAG laser application. <i>Menopause</i> , 2021, 28, 198-206.	2.0	5
82	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, , .	2.3	0
83	A Systematic Review of the Influence of Continuous Positive Airway Pressure on Fetal and Newborn Animal Models: Suggestions to Improve Neonatal Respiratory Care. <i>Neonatology</i> , 2021, 118, 5-14.	2.0	3
84	Design and Characterization of a Miniature Dual-chamber Pneumatic Actuator for Minimally Invasive Surgical Devices. , 2021, , .		1
85	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
86	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
87	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
88	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
89	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
90	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

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91	Open Fetal Surgery. , 2020, , 454-467.e2.		0
92	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
93	A study to assess knowledge and acceptability of foetal surgery for spina bifida amongst healthcare professionals in the UK. <i>Journal of Obstetrics and Gynaecology</i> , 2020, 40, 448-454.	0.9	3
94	Prenatal diagnosis, imaging, and prognosis in Congenital Diaphragmatic Hernia. <i>Seminars in Perinatology</i> , 2020, 44, 511-63.	2.5	62
95	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
96	An automated framework for localization, segmentation and super-resolution reconstruction of fetal brain MRI. <i>NeuroImage</i> , 2020, 206, 116324.	4.2	160
97	Photoacoustic imaging of the human placental vasculature. <i>Journal of Biophotonics</i> , 2020, 13, e201900167.	2.3	36
98	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
99	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
100	The use of MRI in fetal conditions amenable for antenatal management. <i>Prenatal Diagnosis</i> , 2020, 40, 3-5.	2.3	1
101	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
102	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
103	Survey on surgery for stress urinary incontinence in an era mid-urethral slings are being questioned. <i>International Urogynecology Journal</i> , 2020, 31, 695-702.	1.4	3
104	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
105	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
106	Predicting the mechanical response of the vaginal wall in ball burst tests based on histology. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1925-1933.	3.4	5
107	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
108	Simvastatin attenuates lung functional and vascular effects of hyperoxia in preterm rabbits. <i>Pediatric Research</i> , 2020, 87, 1193-1200.	2.3	7

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109	Reply. Ultrasound in Obstetrics and Gynecology, 2020, 56, 634-635.	1.7	0
110	Prenatal treatment of severe congenital diaphragmatic hernia: there is still medical equipoise. Ultrasound in Obstetrics and Gynecology, 2020, 56, 493-497.	1.7	14
111	1105: Safety and feasibility of humidified-warmed PACI (partial-amniotic-carbon-dioxide-insufflation) for fetoscopic spina bifida repair. American Journal of Obstetrics and Gynecology, 2020, 222, S680-S681.	1.3	1
112	The 2019 Malcolm Ferguson-Smith Young Investigator Award. Prenatal Diagnosis, 2020, 40, 763-765.	2.3	0
113	Foetal therapies and their influence on preterm birth. Seminars in Immunopathology, 2020, 42, 501-514.	6.1	2
114	Development of a Core outcome set for fetal Myelomeningocele (COSMiC): study protocol. Trials, 2020, 21, 732.	1.6	6
115	A semi-automated method for unbiased alveolar morphometry: Validation in a bronchopulmonary dysplasia model. PLoS ONE, 2020, 15, e0239562.	2.5	17
116	Deep learning-based fetoscopic mosaicking for field-of-view expansion. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1807-1816.	2.8	20
117	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
118	Effects of non-ablative Er:YAG laser on the skin and the vaginal wall: systematic review of the clinical and experimental literature. International Urogynecology Journal, 2020, 31, 2473-2484.	1.4	8
119	Systematic Review and Meta-Analysis on Hysterectomy by Vaginal Natural Orifice Transluminal Endoscopic Surgery (vNOTES) Compared to Laparoscopic Hysterectomy for Benign Indications. Journal of Clinical Medicine, 2020, 9, 3959.	2.4	45
120	Right or wrong? Looking through the retrospectroscope to analyse predictions made a decade ago in prenatal diagnosis and fetal surgery. Prenatal Diagnosis, 2020, 40, 1627-1635.	2.3	6
121	Arterial blood pressure and arterial blood gas values in conscious pregnant rabbits. Veterinary Anaesthesia and Analgesia, 2020, 47, 849-851.	0.6	6
122	Fetal interventions in the setting of the coronavirus disease 2019 pandemic: statement from the North American Fetal Therapy Network. American Journal of Obstetrics and Gynecology, 2020, 223, 281-284.	1.3	9
123	Fetal Diagnosis and Therapy during the COVID-19 Pandemic: Guidance on Behalf of the International Fetal Medicine and Surgery Society. Fetal Diagnosis and Therapy, 2020, 47, 689-698.	1.4	25
124	FetNet: a recurrent convolutional network for occlusion identification in fetoscopic videos. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 791-801.	2.8	12
125	Intermittent CPAP limits hyperoxia-induced lung damage in a rabbit model of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L976-L987.	2.9	11
126	New device permitting non-invasive reversal of fetal endoscopic tracheal occlusion: <i>in vivo</i> and <i>in vivo</i> study. Ultrasound in Obstetrics and Gynecology, 2020, 56, 522-531.	1.7	13



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127	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
128	Long-term neuropathological and/or neurobehavioral effects of antenatal corticosteroid therapy in animal models: a systematic review. <i>Pediatric Research</i> , 2020, 87, 1157-1170.	2.3	14
129	Preterm birth impairs postnatal lung development in the neonatal rabbit model. <i>Respiratory Research</i> , 2020, 21, 59.	3.6	22
130	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
131	Outcome of monochorionic 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
132	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
133	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
134	SARS-CoV2 (COVID-19) infection: is fetal surgery in times of national disasters reasonable?. <i>Prenatal Diagnosis</i> , 2020, 40, 1755-1758.	2.3	15
135	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
136	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
137	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
138	Screening for COVID-19 at childbirth: is it effective?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 113-114.	1.7	13
139	Deep Placental Vessel Segmentation for Fetoscopic Mosaicking. <i>Lecture Notes in Computer Science</i> , 2020, , 763-773.	1.3	18
140	Automatic C-Plane Detection in Pelvic Floor Transperineal Volumetric Ultrasound. <i>Lecture Notes in Computer Science</i> , 2020, , 136-145.	1.3	3
141	The vascular equator in monochorionic twin placentas. <i>Placenta</i> , 2020, 99, 193-196.	1.5	8
142	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
143	Pregnancy-related pharmacokinetics and antimicrobial prophylaxis during fetal surgery, cefazolin and clindamycin as examples. <i>Prenatal Diagnosis</i> , 2020, 40, 1178-1184.	2.3	5
144	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. <i>PLoS ONE</i> , 2020, 15, e0241384.	2.5	4

#	ARTICLE	IF	CITATIONS
145	Title is missing!. , 2020, 15, e0239562.		0
146	Title is missing!. , 2020, 15, e0239562.		0
147	Title is missing!. , 2020, 15, e0239562.		0
148	Title is missing!. , 2020, 15, e0239562.		0
149	Glomerular developmental delay and proteinuria in the preterm neonatal rabbit. , 2020, 15, e0241384.		0
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