

Roland Devlieger

List of Publications by Citations

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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.

285 papers	9,139 citations	50 h-index	86 g-index
333 ext. papers	11,074 ext. citations	4.7 avg, IF	5.92 L-index

#	Paper	IF	Citations
285	Role of PFKFB3-driven glycolysis in vessel sprouting. <i>Cell</i> , 2013 , 154, 651-63	56.2	798
284	Association of Gestational Weight Gain With Maternal and Infant Outcomes: A Systematic Review and Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 2207-2225	27.4	629
283	Maternal obesity: pregnancy complications, gestational weight gain and nutrition. <i>Obesity Reviews</i> , 2008 , 9, 140-50	10.6	339
282	Effect of lifestyle intervention on dietary habits, physical activity, and gestational weight gain in obese pregnant women: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 373-80	7	247
281	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	4.0	211
280	Maternal obesity and breastfeeding intention, initiation, intensity and duration: a systematic review. <i>Maternal and Child Nutrition</i> , 2014 , 10, 166-83	3.4	179
279	Reproductive outcome after bariatric surgery: a critical review. <i>Human Reproduction Update</i> , 2009 , 15, 189-201	15.8	168
278	VEGF pathway genetic variants as biomarkers of treatment outcome with bevacizumab: an analysis of data from the AVITA and AVOREN randomised trials. <i>Lancet Oncology, The</i> , 2012 , 13, 724-33	21.7	154
277	Uterine adenomyosis in the infertility clinic. <i>Human Reproduction Update</i> , 2003 , 9, 139-47	15.8	143
276	Monochorionic diamniotic twin pregnancies: natural history and risk stratification. <i>Fetal Diagnosis and Therapy</i> , 2010 , 27, 121-33	2.4	139
275	Effects of antenatal diet and physical activity on maternal and fetal outcomes: individual patient data meta-analysis and health economic evaluation. <i>Health Technology Assessment</i> , 2017 , 21, 1-158	4.4	136
274	Gestational weight gain across continents and ethnicity: systematic review and meta-analysis of maternal and infant outcomes in more than one million women. <i>BMC Medicine</i> , 2018 , 16, 153	11.4	131
273	Effects of lifestyle intervention in obese pregnant women on gestational weight gain and mental health: a randomized controlled trial. <i>International Journal of Obesity</i> , 2013 , 37, 814-21	5.5	121
272	Maternal obesity in Europe: where do we stand and how to move forward?: A scientific paper commissioned by the European Board and College of Obstetrics and Gynaecology (EBCOG). <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 201, 203-8	2.4	102
271	Micronutrient levels and supplement intake in pregnancy after bariatric surgery: a prospective cohort study. <i>PLoS ONE</i> , 2014 , 9, e114192	3.7	100
270	Interpregnancy weight change and risk for adverse perinatal outcome. <i>Obstetrics and Gynecology</i> , 2013 , 122, 999-1009	4.9	99
269	International Fetal Cardiac Intervention Registry: A Worldwide Collaborative Description and Preliminary Outcomes. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 388-99	15.1	98

268	Effect of Physical Activity and/or Healthy Eating on GDM Risk: The DALI Lifestyle Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 903-913	5.6	97
267	Maternal intake of methyl-group donors affects DNA methylation of metabolic genes in infants. <i>Clinical Epigenetics</i> , 2017 , 9, 16	7.7	96
266	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
265	Preterm prelabor rupture of membranes and fetal survival after minimally invasive fetal surgery: a systematic review of the literature. <i>Fetal Diagnosis and Therapy</i> , 2012 , 31, 1-9	2.4	91
264	Dietary and supplemental maternal methyl-group donor intake and cord blood DNA methylation. <i>Epigenetics</i> , 2017 , 12, 1-10	5.7	90
263	Epidemiology of gestational diabetes mellitus according to IADPSG/WHO 2013 criteria among obese pregnant women in Europe. <i>Diabetologia</i> , 2017 , 60, 1913-1921	10.3	88
262	Maternal micronutrient deficiencies and related adverse neonatal outcomes after bariatric surgery: a systematic review. <i>Advances in Nutrition</i> , 2015 , 6, 420-9	10	87
261	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
260	Dietary interventions in overweight and obese pregnant women: a systematic review of the content, delivery, and outcomes of randomized controlled trials. <i>Nutrition Reviews</i> , 2016 , 74, 312-28	6.4	82
259	Influenza and pertussis vaccination coverage in pregnant women. <i>Vaccine</i> , 2015 , 33, 2125-31	4.1	81
258	Results From a European Multicenter Randomized Trial of Physical Activity and/or Healthy Eating to Reduce the Risk of Gestational Diabetes Mellitus: The DALI Lifestyle Pilot. <i>Diabetes Care</i> , 2015 , 38, 1650-6	14.6	77
257	Isolated fetal hydrothorax with hydrops: a systematic review of prenatal treatment options. <i>Prenatal Diagnosis</i> , 2007 , 27, 893-9	3.2	74
256	DALI: Vitamin D and lifestyle intervention for gestational diabetes mellitus (GDM) prevention: an European multicentre, randomised trial - study protocol. <i>BMC Pregnancy and Childbirth</i> , 2013 , 13, 142	3.2	73
255	Fetoscopic laser surgery in 100 pregnancies with severe twin-to-twin transfusion syndrome in the Netherlands. <i>Fetal Diagnosis and Therapy</i> , 2007 , 22, 190-4	2.4	71
254	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
253	Pregnancy after bariatric surgery: Consensus recommendations for periconception, antenatal and postnatal care. <i>Obesity Reviews</i> , 2019 , 20, 1507-1522	10.6	67
252	Transplacental transfer of paclitaxel, docetaxel, carboplatin, and trastuzumab in a baboon model. <i>International Journal of Gynecological Cancer</i> , 2010 , 20, 1456-64	3.5	67
251	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

250	Premature foetal closure of the arterial duct: clinical presentations and outcome. <i>European Heart Journal</i> , 2009 , 30, 1530-6	9.5	63
249	Transplacental transfer of anthracyclines, vinblastine, and 4-hydroxy-cyclophosphamide in a baboon model. <i>Gynecologic Oncology</i> , 2010 , 119, 594-600	4.9	63
248	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
247	The effect of pre-pregnancy BMI on intention, initiation and duration of breast-feeding. <i>Public Health Nutrition</i> , 2012 , 15, 840-8	3.3	61
246	Maternal Immunization With an Investigational Trivalent Group B Streptococcal Vaccine: A Randomized Controlled Trial. <i>Obstetrics and Gynecology</i> , 2016 , 127, 213-21	4.9	58
245	Maternal bariatric surgery: adverse outcomes in neonates. <i>European Journal of Pediatrics</i> , 2010 , 169, 191-6	4.1	58
244	Maternal and neonatal outcome after laparoscopic adjustable gastric banding: a systematic review. <i>Obesity Surgery</i> , 2012 , 22, 1568-79	3.7	57
243	Pregnancy after bariatric surgery and adverse perinatal outcomes: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2019 , 16, e1002866	11.6	56
242	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
241	Successful ultrasound-guided laser treatment of fetal hydrops caused by pulmonary sequestration. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 29, 457-9	5.8	56
240	Fetoscopy 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
239	Analysis of Pregnancy Outcomes Using the New IADPSG Recommendation Compared with the Carpenter and Coustan Criteria in an Area with a Low Prevalence of Gestational Diabetes. <i>International Journal of Endocrinology</i> , 2013 , 2013, 248121	2.7	51
238	Pregnancy and Infants' Outcome: Nutritional and Metabolic Implications. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 82-91	11.5	50
237	Twin anemia polycythemia sequence from a prenatal perspective. <i>Prenatal Diagnosis</i> , 2010 , 30, 438-42	3.2	50
236	IADPSG and WHO 2013 Gestational Diabetes Mellitus Criteria Identify Obese Women With Marked Insulin Resistance in Early Pregnancy. <i>Diabetes Care</i> , 2016 , 39, e90-2	14.6	50
235	Congenital cytomegalovirus infection: contribution and best timing of prenatal MR imaging. <i>European Radiology</i> , 2016 , 26, 3760-9	8	50
234	Prenatal anatomical imaging in fetuses with congenital diaphragmatic hernia. <i>Fetal Diagnosis and Therapy</i> , 2011 , 29, 88-100	2.4	49
233	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

232	Neonatal hemochromatosis: management, outcome, and prevention. <i>Prenatal Diagnosis</i> , 2013 , 33, 1221-5	3.2	48
231	Weight loss in obese pregnant women and risk for adverse perinatal outcomes. <i>Obstetrics and Gynecology</i> , 2015 , 125, 566-575	4.9	46
230	The Sensitivity and Specificity of the Glucose Challenge Test in a Universal Two-Step Screening Strategy for Gestational Diabetes Mellitus Using the 2013 World Health Organization Criteria. <i>Diabetes Care</i> , 2018 , 41, e111-e112	14.6	46
229	Characteristics and pregnancy outcomes across gestational diabetes mellitus subtypes based on insulin resistance. <i>Diabetologia</i> , 2019 , 62, 2118-2128	10.3	46
228	A proposal for the use of uniform diagnostic criteria for gestational diabetes in Europe: an opinion paper by the European Board & College of Obstetrics and Gynaecology (EBCOG). <i>Diabetologia</i> , 2015 , 58, 1422-9	10.3	45
227	Fetal surgery is a clinical reality. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010 , 15, 58-67	3.7	44
226	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
225	Survey by the European Board and College of Obstetrics and Gynaecology on screening for gestational diabetes in Europe. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 201, 197-202	2.4	43
224	Reduced adaptation of the pancreatic B cells during pregnancy is the major causal factor for gestational diabetes: current knowledge and metabolic effects on the offspring. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2008 , 87, 1266-70	3.8	42
223	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
222	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
221	The Fetal Heart in Twin-to-Twin Transfusion Syndrome. <i>International Journal of Pediatrics (United Kingdom)</i> , 2010 , 2010,	2.1	39
220	Prenatal assessment and management of sacrococcygeal teratoma. <i>Prenatal Diagnosis</i> , 2011 , 31, 678-88	3.2	37
219	Internal Herniation in Pregnancy After Gastric Bypass: A Systematic Review. <i>Obstetrics and Gynecology</i> , 2016 , 127, 1013-1020	4.9	37
218	Fetal growth and developmental programming. <i>Journal of Perinatal Medicine</i> , 2013 , 41, 101-5	2.7	36
217	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
216	Cefazolin pharmacokinetics in maternal plasma and amniotic fluid during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 170.e1-7	6.4	34
215	Maternal Methyl-Group Donor Intake and Global DNA (Hydroxy)Methylation before and during Pregnancy. <i>Nutrients</i> , 2016 , 8,	6.7	34

214	Monochorionic and dichorionic twin pregnancies discordant for fetal anencephaly: a systematic review of prenatal management options. <i>Prenatal Diagnosis</i> , 2008 , 28, 275-9	3.2	32
213	Obesity in pregnancy: altered onset and progression of labour. <i>Midwifery</i> , 2013 , 29, 1303-13	2.8	31
212	Collagen plug sealing of iatrogenic fetal membrane defects after fetoscopic surgery for congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 54-9	5.8	31
211	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, 100-9	2.4	30
210	Lifestyle after bariatric surgery: a multicenter, prospective cohort study in pregnant women. <i>Obesity Surgery</i> , 2012 , 22, 1456-64	3.7	30
209	Socio-demographic and obstetrical correlates of pre-pregnancy body mass index and gestational weight gain. <i>Clinical Obesity</i> , 2012 , 2, 150-9	3.6	30
208	A reduction in sedentary behaviour in obese women during pregnancy reduces neonatal adiposity: the DALI randomised controlled trial. <i>Diabetologia</i> , 2019 , 62, 915-925	10.3	29
207	Screening and management of gestational diabetes. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2015 , 29, 339-49	4.6	29
206	Differences in pregnancy outcomes and characteristics between insulin- and diet-treated women with gestational diabetes. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 271	3.2	29
205	Middle cerebral artery peak systolic velocity to predict fetal hemoglobin levels in twin anemia-polycythemia sequence. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 432-6	5.8	29
204	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	5.8	29
203	Amniopatch for iatrogenic rupture of the fetal membranes. <i>Prenatal Diagnosis</i> , 2011 , 31, 661-6	3.2	28
202	An organ-culture for in vitro evaluation of fetal membrane healing capacity. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000 , 92, 145-50	2.4	28
201	Anxiety and depressed mood in obese pregnant women: a prospective controlled cohort study. <i>Obesity Facts</i> , 2013 , 6, 152-64	5.1	27
200	Glucose Intolerance after a Recent History of Gestational Diabetes Based on the 2013 WHO Criteria. <i>PLoS ONE</i> , 2016 , 11, e0157272	3.7	26
199	Development of composite outcomes for individual patient data (IPD) meta-analysis on the effects of diet and lifestyle in pregnancy: a Delphi survey. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 190-8	3.7	26
198	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, 226-34	2.4	25
197	Vitamin K1 monitoring in pregnancies after bariatric surgery: a prospective cohort study. <i>Surgery for Obesity and Related Diseases</i> , 2014 , 10, 885-90	3	25

196	Laser ablation of posterior urethral valves by fetal cystoscopy. <i>Fetal Diagnosis and Therapy</i> , 2015 , 37, 267-73	2.4	25
195	Brachial plexus neuritis following HPV vaccination. <i>Vaccine</i> , 2008 , 26, 4417-9	4.1	25
194	Physical activity, depressed mood and pregnancy worries in European obese pregnant women: results from the DALI study. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 158	3.2	24
193	Pregnancy during nitisinone treatment for tyrosinaemia type I: first human experience. <i>JIMD Reports</i> , 2012 , 5, 27-33	1.9	24
192	Risk factors for large-for-gestational age infants in pregnant women with type 1 diabetes. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 162	3.2	24
191	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	5.8	23
190	Growth discordance. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014 , 28, 295-303	4.6	23
189	The Belgian Diabetes in Pregnancy Study (BEDIP-N), a multi-centric prospective cohort study on screening for diabetes in pregnancy and gestational diabetes: methodology and design. <i>BMC Pregnancy and Childbirth</i> , 2014 , 14, 226	3.2	23
188	Beliefs, Barriers, and Preferences of European Overweight Women to Adopt a Healthier Lifestyle in Pregnancy to Minimize Risk of Developing Gestational Diabetes Mellitus: An Explorative Study. <i>Journal of Pregnancy</i> , 2016 , 2016, 3435791	2.5	23
187	Postponing Early intrauterine Transfusion with Intravenous immunoglobulin Treatment; the PETIT study on severe hemolytic disease of the fetus and newborn. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 219, 291.e1-291.e9	6.4	23
186	Therapy for foetal pericardial tumours: survival following in utero shunting, and literature review. <i>Fetal Diagnosis and Therapy</i> , 2009 , 25, 407-12	2.4	22
185	Effects of epidural clonidine and neostigmine following intrathecal labour analgesia: a randomised, double-blind, placebo-controlled trial. <i>International Journal of Obstetric Anesthesia</i> , 2009 , 18, 207-14	2.1	22
184	Screening and Management of Gestational Diabetes Mellitus after Bariatric Surgery. <i>Nutrients</i> , 2018 , 10,	6.7	22
183	The Influence of the Duration of Breastfeeding on the Infant's Metabolic Epigenome. <i>Nutrients</i> , 2019 , 11,	6.7	21
182	ENDOCRINOLOGY IN THE TIME OF COVID-19: Diagnosis and management of gestational diabetes mellitus. <i>European Journal of Endocrinology</i> , 2020 , 183, G49-G56	6.5	21
181	The DALI vitamin D randomized controlled trial for gestational diabetes mellitus prevention: No major benefit shown besides vitamin D sufficiency. <i>Clinical Nutrition</i> , 2020 , 39, 976-984	5.9	21
180	Bariatric Surgery Does Not Appear to Affect Women's Breast-Milk Composition. <i>Journal of Nutrition</i> , 2018 , 148, 1096-1102	4.1	21
179	Fetal surgery in complicated monoamniotic pregnancies: case series and systematic review of the literature. <i>Prenatal Diagnosis</i> , 2014 , 34, 586-91	3.2	20

178	Minimally invasive fetal therapy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012 , 26, 711-25	4.6	20
177	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, 50-5	5.8	20
176	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, 844-8	6.4	20
175	Doppler ultrasound measurements in the central circulation of anesthetized fetal sheep during obstruction of umbilical-placental blood flow. <i>Ultrasound in Obstetrics and Gynecology</i> , 2001 , 18, 656-61	5.8	20
174	Matrix metalloproteinases -2 and -9 and their endogenous tissue inhibitors in fetal membrane repair following fetoscopy in a rabbit model. <i>Molecular Human Reproduction</i> , 2000 , 6, 479-85	4.4	20
173	Matrix metalloproteinases-2 and -9 and their endogenous tissue inhibitors in tissue remodeling after sealing of the fetal membranes in a sheep model of fetoscopic surgery. <i>Journal of the Society for Gynecologic Investigation</i> , 2002 , 9, 137-145		20
172	A Modified Two-Step Screening Strategy for Gestational Diabetes Mellitus Based on the 2013 WHO Criteria by Combining the Glucose Challenge Test and Clinical Risk Factors. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	20
171	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	2.1	19
170	Breast milk macronutrient composition after bariatric surgery. <i>Obesity Surgery</i> , 2015 , 25, 938-41	3.7	19
169	Cost-effectiveness of healthy eating and/or physical activity promotion in pregnant women at increased risk of gestational diabetes mellitus: economic evaluation alongside the DALI study, a European multicenter randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 23	8.4	19
168	In utero programming and early detection of cardiovascular disease in the offspring of mothers with obesity. <i>Atherosclerosis</i> , 2018 , 275, 182-195	3.1	19
167	Risk factor screening for gestational diabetes mellitus based on the 2013 WHO criteria. <i>European Journal of Endocrinology</i> , 2019 , 180, 353-363	6.5	19
166	Sex differences in fetal growth and immediate birth outcomes in a low-risk Caucasian population. <i>Biology of Sex Differences</i> , 2019 , 10, 48	9.3	18
165	Glucose intolerance in early postpartum in women with gestational diabetes: Who is at increased risk?. <i>Primary Care Diabetes</i> , 2015 , 9, 244-52	2.4	18
164	Modeling severely discordant hematocrits and normal amniotic fluids after incomplete laser therapy in twin-to-twin transfusion syndrome. <i>Placenta</i> , 2007 , 28, 611-5	3.4	18
163	Screening for gestational diabetes in Europe: where do we stand and how to move forward?: A scientific paper commissioned by the European Board & College of Obstetrics and Gynaecology (EBCOG). <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 201, 192-6	2.4	18
162	Fetal treatment for early dysmorphogenetic goiter. <i>Prenatal Diagnosis</i> , 2009 , 29, 543-5	3.2	17
161	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, 538-43	6.4	17

160	AURORA: bariatric surgery registration in women of reproductive age - a multicenter prospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 195	3.2	16
159	INTER-ACT: prevention of pregnancy complications through an e-health driven interpregnancy lifestyle intervention - study protocol of a multicentre randomised controlled trial. <i>BMC Pregnancy and Childbirth</i> , 2017 , 17, 154	3.2	16
158	Postpartum weight trajectories in overweight and lean women. <i>Midwifery</i> , 2017 , 49, 134-141	2.8	16
157	Partial monochorionic and monoamniotic twin pregnancies: a report of two cases. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 722-4	5.8	16
156	Estimating the risk of gestational diabetes mellitus based on the 2013 WHO criteria: a prediction model based on clinical and biochemical variables in early pregnancy. <i>Acta Diabetologica</i> , 2020 , 57, 661-671	3.9	16
155	Association between Gestational Weight Gain, Gestational Diabetes Risk, and Obstetric Outcomes: A Randomized Controlled Trial Post Hoc Analysis. <i>Nutrients</i> , 2018 , 10,	6.7	16
154	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	2.4	15
153	Factors influencing the flow rate through a surgical defect in human fetal membranes. <i>Prenatal Diagnosis</i> , 2002 , 22, 201-5	3.2	15
152	Identification of essential steps in laser procedure for twin-twin transfusion syndrome using the Delphi methodology: SILICONE study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 439-46	5.8	14
151	Anxiety during early pregnancy predicts postpartum weight retention in obese mothers. <i>Obesity</i> , 2013 , 21, 1942-9	8	14
150	Pharmacokinetics of a loading dose of intravenous paracetamol post caesarean delivery. <i>International Journal of Obstetric Anesthesia</i> , 2012 , 21, 125-8	2.1	14
149	The effects of dietary and lifestyle interventions among pregnant women who are overweight or obese on longer-term maternal and early childhood outcomes: protocol for an individual participant data (IPD) meta-analysis. <i>Systematic Reviews</i> , 2017 , 6, 51	3	13
148	Nutritional Lifestyle Intervention in Obese Pregnant Women, Including Lower Carbohydrate Intake, Is Associated With Increased Maternal Free Fatty Acids, 3- β -Hydroxybutyrate, and Fasting Glucose Concentrations: A Secondary Factorial Analysis of the European Multicenter, Randomized Controlled DALI Lifestyle Intervention Trial. <i>Diabetes Care</i> , 2019 , 42, 1380-1389	14.6	13
147	Screening for pregestational and gestational diabetes in pregnancy: a survey of obstetrical centers in the northern part of Belgium. <i>Diabetology and Metabolic Syndrome</i> , 2013 , 5, 66	5.6	13
146	Implementing a Reminder System in the Northern Part of Belgium to Stimulate Postpartum Screening for Glucose Intolerance in Women with Gestational Diabetes: The "Sweet Pregnancy" Project. <i>International Journal of Endocrinology</i> , 2017 , 2017, 3971914	2.7	13
145	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, 319-26	5.8	13
144	Glucose intolerance after a recent history of gestational diabetes. <i>International Journal of Endocrinology</i> , 2014 , 2014, 727652	2.7	13
143	The influence of weight gain patterns in pregnancy on fetal growth using cluster analysis in an obese and nonobese population. <i>Obesity</i> , 2013 , 21, 1416-22	8	13

142	Is the angle of needle insertion influencing the created defect in human fetal membranes? Evaluation of the agreement between specialists' opinions and ex vivo observations. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 182, 646-9	6.4	13
141	Cefazolin plasma protein binding saturability during pregnancy. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2009 , 31, 25		13
140	Clinically relevant discordances identified after tertiary reassessment of fetuses with isolated congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2017 , 37, 883-888	3.2	12
139	Prediction of Glucose Intolerance in Early Postpartum in Women with Gestational Diabetes Mellitus Based on the 2013 WHO Criteria. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	12
138	Risk factors for hyperglycemia in pregnancy in the DALI study differ by period of pregnancy and OGTT time point. <i>European Journal of Endocrinology</i> , 2018 , 179, 39-49	6.5	12
137	Functional activity of maternal and cord antibodies elicited by an investigational group B Streptococcus trivalent glycoconjugate vaccine in pregnant women. <i>Journal of Infection</i> , 2018 , 76, 449-456	18.9	12
136	Population-specific serum creatinine centiles in neonates with posterior urethral valves already predict long-term renal outcome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015 , 28, 1026-31	2	11
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