

Nicholas M Fisk

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.

316
papers

16,241
citations

69
h-index

112
g-index

329
ext. papers

17,836
ext. citations

6.2
avg, IF

6.25
L-index

#	Paper	IF	Citations
316	Identification of mesenchymal stem/progenitor cells in human first-trimester fetal blood, liver, and bone marrow. <i>Blood</i> , 2001 , 98, 2396-402	2.2	1079
315	Association between maternal anxiety in pregnancy and increased uterine artery resistance index: cohort based study. <i>BMJ: British Medical Journal</i> , 1999 , 318, 153-7		365
314	Fetal exposure to maternal cortisol. <i>Lancet, The</i> , 1998 , 352, 707-8	4.0	362
313	Placental angioarchitecture in monochorionic twin pregnancies: relationship to fetal growth, fetofetal transfusion syndrome, and pregnancy outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 182, 417-26	6.4	353
312	Human first-trimester fetal MSC express pluripotency markers and grow faster and have longer telomeres than adult MSC. <i>Stem Cells</i> , 2007 , 25, 646-54	5.8	351
311	Angioarchitecture of monochorionic placentas in relation to the twin-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 172, 856-63	6.4	238
310	Superior osteogenic capacity for bone tissue engineering of fetal compared with perinatal and adult mesenchymal stem cells. <i>Stem Cells</i> , 2009 , 27, 126-37	5.8	232
309	Prenatal determination of fetal RhD type by DNA amplification. <i>New England Journal of Medicine</i> , 1993 , 329, 607-10	59.2	228
308	Fetal outcome in obstetric cholestasis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1988 , 95, 1137-43	3.7	227
307	Fetal plasma cortisol and beta-endorphin response to intrauterine needling. <i>Lancet, The</i> , 1994 , 344, 77-81	4.0	219
306	Microchimerism in female bone marrow and bone decades after fetal mesenchymal stem-cell trafficking in pregnancy. <i>Lancet, The</i> , 2004 , 364, 179-82	4.0	217
305	Fetal Hypothalamic-Pituitary-Adrenal Stress Responses to Invasive Procedures Are Independent of Maternal Responses. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 104-109	5.6	183
304	Perinatal morbidity and mortality rates in severe twin-twin transfusion syndrome: results of the International Amnioreduction Registry. <i>American Journal of Obstetrics and Gynecology</i> , 2001 , 185, 708-15	6.4	179
303	Fetal hypothalamic-pituitary-adrenal stress responses to invasive procedures are independent of maternal responses. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 104-9	5.6	178
302	Survey of obstetricians' personal preference and discretionary practice. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1997 , 73, 1-4	2.4	167
301	Murine but not human mesenchymal stem cells generate osteosarcoma-like lesions in the lung. <i>Stem Cells</i> , 2007 , 25, 1586-94	5.8	166
300	Long-term in utero drainage of fetal hydrothorax. <i>New England Journal of Medicine</i> , 1988 , 319, 1135-8	59.2	163

299	50somIR variation is of functional and evolutionary importance. <i>Nucleic Acids Research</i> , 2014 , 42, 9424-350.1	5.1	160
298	Human fetal mesenchymal stem cells as vehicles for gene delivery. <i>Stem Cells</i> , 2005 , 23, 93-102	5.8	160
297	Intrauterine transplantation of human fetal mesenchymal stem cells from first-trimester blood repairs bone and reduces fractures in osteogenesis imperfecta mice. <i>Blood</i> , 2008 , 111, 1717-25	2.2	145
296	Erythropoietic suppression in fetal anemia because of Kell alloimmunization. <i>American Journal of Obstetrics and Gynecology</i> , 1994 , 171, 247-52	6.4	143
295	Small molecule mesengenic induction of human induced pluripotent stem cells to generate mesenchymal stem/stromal cells. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 83-95	6.9	138
294	Pre- and postnatal transplantation of fetal mesenchymal stem cells in osteogenesis imperfecta: a two-center experience. <i>Stem Cells Translational Medicine</i> , 2014 , 3, 255-64	6.9	131
293	Valproic acid confers functional pluripotency to human amniotic fluid stem cells in a transgene-free approach. <i>Molecular Therapy</i> , 2012 , 20, 1953-67	11.7	128
292	Galectin-1 induces skeletal muscle differentiation in human fetal mesenchymal stem cells and increases muscle regeneration. <i>Stem Cells</i> , 2006 , 24, 1879-91	5.8	127
291	The potential of human fetal mesenchymal stem cells for off-the-shelf bone tissue engineering application. <i>Biomaterials</i> , 2012 , 33, 2656-72	15.6	122
290	Abnormalities in the myeloid progenitor compartment in Down syndrome fetal liver precede acquisition of GATA1 mutations. <i>Blood</i> , 2008 , 112, 4507-11	2.2	122
289	Accurate and robust quantification of circulating fetal and total DNA in maternal plasma from 5 to 41 weeks of gestation. <i>Clinical Chemistry</i> , 2005 , 51, 312-20	5.5	122
288	Fetal stem cells. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2004 , 18, 853-75	4.6	118
287	Human fetal and maternal noradrenaline responses to invasive procedures. <i>Pediatric Research</i> , 1999 , 45, 494-9	3.2	118
286	Fetal urine biochemistry: an index of renal maturation and dysfunction. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1992 , 99, 46-50	3.7	114
285	Neo-vascularization and bone formation mediated by fetal mesenchymal stem cell tissue-engineered bone grafts in critical-size femoral defects. <i>Biomaterials</i> , 2010 , 31, 608-20	15.6	111
284	High risk of unexpected late fetal death in monochorionic twins despite intensive ultrasound surveillance: a cohort study. <i>PLoS Medicine</i> , 2005 , 2, e172	11.6	111
283	Mode of delivery and subsequent stress response. <i>Lancet, The</i> , 2000 , 355, 120	4.0	111
282	Use of a cyclo-oxygenase type-2-selective non-steroidal anti-inflammatory agent to prevent preterm delivery. <i>Lancet, The</i> , 1997 , 350, 265-6	4.0	109

281	Widespread distribution and muscle differentiation of human fetal mesenchymal stem cells after intrauterine transplantation in dystrophic mdx mouse. <i>Stem Cells</i> , 2007 , 25, 875-84	5.8	106
280	A biomarker-based mathematical model to predict bone-forming potency of human synovial and periosteal mesenchymal stem cells. <i>Arthritis and Rheumatism</i> , 2008 , 58, 240-50		103
279	Endothelin concentrations in monochorionic twins with severe twin-twin transfusion syndrome. <i>Human Reproduction</i> , 1999 , 14, 1614-8	5.7	103
278	Identification of fetal mesenchymal stem cells in maternal blood: implications for non-invasive prenatal diagnosis. <i>Molecular Human Reproduction</i> , 2003 , 9, 497-502	4.4	102
277	Fetal origins of reduced arterial distensibility in the donor twin in twin-twin transfusion syndrome. <i>Lancet, The</i> , 2000 , 355, 1157-8	4.0	100
276	Effects of fetal intravenous glucose challenge in normal and growth retarded fetuses. <i>Hormone and Metabolic Research</i> , 1990 , 22, 426-30	3.1	98
275	Fetal plasma testosterone correlates positively with cortisol. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005 , 90, F166-9	4.7	97
274	Paradoxical activation of the renin-angiotensin system in twin-twin transfusion syndrome: an explanation for cardiovascular disturbances in the recipient. <i>Pediatric Research</i> , 2005 , 58, 685-8	3.2	95
273	Doppler detection of arterio-arterial anastomoses in monochorionic twins: feasibility and clinical application. <i>Human Reproduction</i> , 2000 , 15, 1632-6	5.7	95
272	Fetofetal transfusion syndrome: do the neonatal criteria apply in utero?. <i>Archives of Disease in Childhood</i> , 1990 , 65, 657-61	2.2	95
271	Comparative osteogenic transcription profiling of various fetal and adult mesenchymal stem cell sources. <i>Differentiation</i> , 2008 , 76, 946-57	3.5	94
270	Antenatal factors at diagnosis that predict outcome in twin-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 183, 1023-8	6.4	94
269	Validation of the Quintero staging system for twin-twin transfusion syndrome. <i>Obstetrics and Gynecology</i> , 2002 , 100, 1257-65	4.9	92
268	Limited role of fetal blood sampling in prediction of outcome in intrauterine growth retardation. <i>Lancet, The</i> , 1990 , 336, 768-72	4.0	91
267	Serial aggressive platelet transfusion for fetal alloimmune thrombocytopenia: platelet dynamics and perinatal outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 186, 826-31	6.4	89
266	Non-invasive fetal electrocardiography in singleton and multiple pregnancies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2003 , 110, 668-678	3.7	89
265	Stem cell differentiation and expansion for clinical applications of tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 935-44	5.6	88
264	Neonatal cranial ultrasonographic findings in preterm twins complicated by severe fetofetal transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 479-83	6.4	86

263	The basic and clinical science of twin-twin transfusion syndrome. <i>Placenta</i> , 2009 , 30, 379-90	3.4	85
262	Colour Doppler energy insonation of placental vasculature in monochorionic twins: absent arterio-arterial anastomoses in association with twin-to-twin transfusion syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1998 , 105, 760-5	3.7	85
261	Obstetricians say yes to maternal request for elective caesarean section: a survey of current opinion. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2001 , 97, 15-6	2.4	84
260	Umbilical cortisol levels as an indicator of the fetal stress response to assisted vaginal delivery. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2001 , 98, 14-7	2.4	83
259	Market failure and the poverty of new drugs in maternal health. <i>PLoS Medicine</i> , 2008 , 5, e22	11.6	82
258	A randomized trial of amnioreduction versus septostomy in the treatment of twin-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 193, 701-7	6.4	81
257	Fetal cystoscopy in the management of fetal obstructive uropathy: experience in a single European centre. <i>Prenatal Diagnosis</i> , 2003 , 23, 1033-41	3.2	80
256	The aetiology and management of twin-twin transfusion syndrome. <i>Prenatal Diagnosis</i> , 1997 , 17, 1227-36	3.2	78
255	Ablation of acardiac twin by alcohol injection into the intra-abdominal umbilical artery. <i>Obstetrics and Gynecology</i> , 1995 , 86, 680-1	4.9	78
254	Twin-twin transfusion syndrome: the influence of intrauterine laser photocoagulation on arterial distensibility in childhood. <i>Circulation</i> , 2003 , 107, 1906-11	16.7	75
253	Stage I twin-twin transfusion syndrome: rates of progression and regression in relation to outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 958-64	5.8	74
252	Hydrostatic and osmotic pressure gradients produce manifestations of fetofetal transfusion syndrome in a computerized model of monochorionic twin pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1996 , 174, 598-608	6.4	74
251	Transplantation of human fetal blood stem cells in the osteogenesis imperfecta mouse leads to improvement in multiscale tissue properties. <i>Blood</i> , 2011 , 117, 1053-60	2.2	73
250	In utero therapy for lower urinary tract obstruction. <i>Prenatal Diagnosis</i> , 2001 , 21, 970-6	3.2	71
249	Circulating hematopoietic progenitor cells in first trimester fetal blood. <i>Blood</i> , 2000 , 95, 1967-1972	2.2	71
248	Microchimeric fetal cells cluster at sites of tissue injury in lung decades after pregnancy. <i>Reproductive BioMedicine Online</i> , 2008 , 16, 382-90	4	70
247	Acute cerebral redistribution in response to invasive procedures in the human fetus. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 181, 1018-25	6.4	68
246	Minimal compliance with the Department of Health recommendation for routine folate prophylaxis to prevent fetal neural tube defects. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1994 , 101, 709-10	3.7	68

245	A double-blind randomized study of fetal side effects during and after the short-term maternal administration of indomethacin, sulindac, and nimesulide for the treatment of preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 188, 1046-51	6.4	67
244	Functional Definition of Progenitors Versus Mature Endothelial Cells Reveals Key SoxF-Dependent Differentiation Process. <i>Circulation</i> , 2017 , 135, 786-805	16.7	66
243	Low amniotic pressure in oligohydramnios--is this the cause of pulmonary hypoplasia?. <i>American Journal of Obstetrics and Gynecology</i> , 1989 , 161, 1098-101	6.4	66
242	Fetal stem cells: betwixt and between. <i>Seminars in Reproductive Medicine</i> , 2006 , 24, 340-7	1.4	65
241	The twin-twin transfusion syndrome. <i>Clinical Obstetrics and Gynecology</i> , 2004 , 47, 181-202	1.7	65
240	Vasculogenic and osteogenesis-enhancing potential of human umbilical cord blood endothelial colony-forming cells. <i>Stem Cells</i> , 2012 , 30, 1911-24	5.8	63
239	Middle cerebral artery peak systolic velocity in the prediction of fetal anemia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2000 , 15, 205-8	5.8	63
238	Pain and stress in the human fetus. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000 , 92, 161-5	2.4	63
237	Continuing controversy in alloimmune thrombocytopenia: fetal hyperimmunoglobulinemia fails to prevent thrombocytopenia. <i>American Journal of Obstetrics and Gynecology</i> , 1990 , 163, 1144-6	6.4	63
236	Differentiation of human fetal mesenchymal stem cells into cells with an oligodendrocyte phenotype. <i>Cell Cycle</i> , 2009 , 8, 1069-79	4.7	62
235	The twin-twin transfusion syndrome. <i>Seminars in Fetal and Neonatal Medicine</i> , 2002 , 7, 187-202		62
234	Fetal renal impairment. <i>Seminars in Fetal and Neonatal Medicine</i> , 2003 , 8, 279-89		61
233	Insights into the pathophysiology of twin-twin transfusion syndrome. <i>Prenatal Diagnosis</i> , 2005 , 25, 777-85	5.2	61
232	Twin-to-twin transfusion syndrome results from dynamic asymmetrical reduction in placental anastomoses: a hypothesis. <i>Placenta</i> , 2001 , 22, 383-91	3.4	61
231	The placenta contributes to activation of the renin angiotensin system in twin-twin transfusion syndrome. <i>Placenta</i> , 2008 , 29, 734-42	3.4	60
230	Intrauterine manometry: technique and application to fetal pathology. <i>Prenatal Diagnosis</i> , 1989 , 9, 243-54	4.2	60
229	Human fetal mesenchymal stem cells differentiate into brown and white adipocytes: a role for ERRalpha in human UCP1 expression. <i>Cell Research</i> , 2010 , 20, 434-44	24.7	59
228	Transmitted arterio-arterial anastomosis waveforms causing cyclically intermittent absent/reversed end-diastolic umbilical artery flow in monochorionic twins. <i>Placenta</i> , 2003 , 24, 772-8	3.4	59

227	Amniotic fluid testosterone: relationship with cortisol and gestational age. <i>Clinical Endocrinology</i> , 2007 , 67, 743-7	3.4	58
226	The natural caesarean: a woman-centred technique. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008 , 115, 1037-42; discussion 1042	3.7	56
225	Stress responses at birth: determinants of cord arterial cortisol and links with cortisol response in infancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005 , 112, 921-6	3.7	56
224	Characterisation of deep arterio-venous anastomoses within monochorionic placentae by vascular casting. <i>Placenta</i> , 2005 , 26, 19-24	3.4	56
223	The frequency of chromosome anomalies in human preimplantation embryos after in-vitro fertilization. <i>Human Reproduction</i> , 1989 , 4, 91-8	5.7	56
222	Acute maternal hydration in third-trimester oligohydramnios: effects on amniotic fluid volume, uteroplacental perfusion, and fetal blood flow and urine output. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 173, 1186-91	6.4	55
221	Fetal pain: implications for research and practice. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1999 , 106, 881-6	3.7	54
220	Stable human FIX expression after 0.9G intrauterine gene transfer of self-complementary adeno-associated viral vector 5 and 8 in macaques. <i>Molecular Therapy</i> , 2011 , 19, 1950-60	11.7	53
219	Ultrasonographic measurement of the dividing membrane in twin pregnancy during the second and third trimesters: a reproducibility study. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 173, 1546-50	6.4	53
218	Medical amnioreduction with sulindac to reduce cord complications in monoamniotic twins. <i>American Journal of Obstetrics and Gynecology</i> , 1997 , 176, 334-6	6.4	52
217	High perinatal survival in monoamniotic twins managed by prophylactic sulindac, intensive ultrasound surveillance, and Cesarean delivery at 32 weeks gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 28, 681-7	5.8	52
216	Human mid-trimester amniotic fluid stem cells cultured under embryonic stem cell conditions with valproic acid acquire pluripotent characteristics. <i>Stem Cells and Development</i> , 2013 , 22, 444-58	4.4	51
215	Ontological differences in first compared to third trimester human fetal placental chorionic stem cells. <i>PLoS ONE</i> , 2012 , 7, e43395	3.7	51
214	Maternal anxiety at amniocentesis and plasma cortisol. <i>Prenatal Diagnosis</i> , 2006 , 26, 505-9	3.2	50
213	Second-trimester echogenic bowel and intraamniotic bleeding: association between fetal bowel echogenicity and amniotic fluid spectrophotometry at 410 nm. <i>American Journal of Obstetrics and Gynecology</i> , 1996 , 174, 839-42	6.4	50
212	Maternal-fetal glucose gradient in normal pregnancies and in pregnancies complicated by alloimmunization and fetal growth retardation. <i>American Journal of Obstetrics and Gynecology</i> , 1989 , 161, 924-7	6.4	50
211	The management of fetal alloimmune thrombocytopenia. <i>Prenatal Diagnosis</i> , 2002 , 22, 96-8	3.2	49
210	Prospective surface marker-based isolation and expansion of fetal endothelial colony-forming cells from human term placenta. <i>Stem Cells Translational Medicine</i> , 2013 , 2, 839-47	6.9	48

209	Upregulating CXCR4 in human fetal mesenchymal stem cells enhances engraftment and bone mechanics in a mouse model of osteogenesis imperfecta. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 70-8	6.9	48
208	High failure rate of umbilical vessel occlusion by ultrasound-guided injection of absolute alcohol or enbucrilate gel. <i>Prenatal Diagnosis</i> , 1999 , 19, 527-32	3.2	47
207	Echogenic foci in the fetal heart: a marker of chromosomal abnormality. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1995 , 102, 490-2	3.7	47
206	Fetal telemedicine: six month pilot of real-time ultrasound and video consultation between the Isle of Wight and London. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1996 , 103, 1092-5	3.7	47
205	Impaired fetal blood gas status in polyhydramnios and its relation to raised amniotic pressure. <i>Fetal Diagnosis and Therapy</i> , 1994 , 9, 7-13	2.4	47
204	Increased stillbirth in uncomplicated monochorionic twin pregnancies: a systematic review and meta-analysis. <i>Obstetrics and Gynecology</i> , 2013 , 121, 1318-1326	4.9	46
203	Doppler for artery-artery anastomosis and stage-independent survival in twin-twin transfusion. <i>Obstetrics and Gynecology</i> , 2004 , 103, 1174-80	4.9	46
202	Maternal features of obstetric cholestasis: 20 years experience at King George V Hospital. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 1988 , 28, 172-6	1.7	46
201	Haematological indices at fetal blood sampling in monochorionic pregnancies complicated by feto-fetal transfusion syndrome. <i>Prenatal Diagnosis</i> , 1998 , 18, 941-6	3.2	45
200	Interstitial laser therapy for fetal reduction in monochorionic multiple pregnancy: loss rate and association with aplasia cutis congenita. <i>Prenatal Diagnosis</i> , 2008 , 28, 535-43	3.2	45
199	Simultaneous fetal cell identification and diagnosis by epsilon-globin chain immunophenotyping and chromosomal fluorescence in situ hybridization. <i>Blood</i> , 2001 , 98, 554-7	2.2	45
198	Exploring cortical subplate evolution using magnetic resonance imaging of the fetal brain. <i>Developmental Neuroscience</i> , 2008 , 30, 211-20	2.2	43
197	Systemic delivery of scAAV9 in fetal macaques facilitates neuronal transduction of the central and peripheral nervous systems. <i>Gene Therapy</i> , 2013 , 20, 69-83	4	42
196	Ontogeny of foetal exposure to maternal cortisol using midtrimester amniotic fluid as a biomarker. <i>Clinical Endocrinology</i> , 2007 , 66, 636-40	3.4	42
195	Twin-twin transfusion--as good as it gets?. <i>New England Journal of Medicine</i> , 2004 , 351, 182-4	59.2	42
194	Fetal telemedicine: interactive transfer of realtime ultrasound and video via ISDN for remote consultation. <i>Journal of Telemedicine and Telecare</i> , 1995 , 1, 38-44	6.8	41
193	Further predictors of renal dysplasia in fetal obstructive uropathy: bladder pressure and biochemistry of fresh urine. <i>Prenatal Diagnosis</i> , 1991 , 11, 159-66	3.2	41
192	Routine prenatal determination of chorionicity in multiple gestation: a plea to the obstetrician. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1993 , 100, 975-7	3.7	41

191	The fetal intrahepatic umbilical vein as an alternative to cord needling for prenatal diagnosis and therapy. <i>Prenatal Diagnosis</i> , 1988 , 8, 665-71	3.2	41
190	Transfusional fetal complications after single intrauterine death in monochorionic multiple pregnancy are reduced but not prevented by vascular occlusion. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009 , 116, 804-12	3.7	40
189	Characterization of first trimester fetal erythroblasts for non-invasive prenatal diagnosis. <i>Molecular Human Reproduction</i> , 2003 , 9, 227-35	4.4	40
188	Transvaginal ultrasonic assessment of endometrial growth in spontaneous and hyperstimulated menstrual cycles. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1989 , 96, 954-9	3.7	40
187	The effects of culture on genomic imprinting profiles in human embryonic and fetal mesenchymal stem cells. <i>Epigenetics</i> , 2011 , 6, 52-62	5.7	39
186	Public-private partnership in cord blood banking. <i>BMJ, The</i> , 2008 , 336, 642-4	5.9	39
185	Transplantation of human fetal mesenchymal stem cells improves glomerulopathy in a collagen type I alpha 2-deficient mouse. <i>Journal of Pathology</i> , 2008 , 214, 627-36	9.4	39
184	Reducing the incidence of twins and triplets. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2003 , 17, 309-29	4.6	38
183	Preclinical development of noninvasive vascular occlusion with focused ultrasonic surgery for fetal therapy. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 182, 387-92	6.4	38
182	Is C-reactive protein really useful in preterm premature rupture of the membranes?. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1987 , 94, 1159-64	3.7	38
181	Distant mesenchymal progenitors contribute to skin wound healing and produce collagen: evidence from a murine fetal microchimerism model. <i>PLoS ONE</i> , 2013 , 8, e62662	3.7	38
180	Intracellular trafficking and endocytosis of CXCR4 in fetal mesenchymal stem/stromal cells. <i>BMC Cell Biology</i> , 2014 , 15, 15		37
179	Caesarean section. <i>Current Opinion in Obstetrics and Gynecology</i> , 1997 , 9, 351-355	2.4	37
178	First trimester embryo-fetoscopic and ultrasound-guided fetal blood sampling for ex vivo viral transduction of cultured human fetal mesenchymal stem cells. <i>Human Reproduction</i> , 2008 , 23, 2427-37	5.7	37
177	Accuracy of prenatal diagnosis of renal agenesis with color flow imaging in severe second-trimester oligohydramnios. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 173, 1788-92	6.4	37
176	Fetal stem cell microchimerism: natural-born healers or killers?. <i>Molecular Human Reproduction</i> , 2010 , 16, 869-78	4.4	36
175	High frequency of fetal cells within a primitive stem cell population in maternal blood. <i>Human Reproduction</i> , 2008 , 23, 928-33	5.7	36
174	Occlusion of arterio-arterial anastomosis manifesting as acute twin-twin transfusion syndrome. <i>Placenta</i> , 2004 , 25, 238-42	3.4	36

173	Increased latency of absent end-diastolic flow in the umbilical artery of mono chorionic twin fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005 , 26, 44-9	5.8	36
172	Can routine commercial cord blood banking be scientifically and ethically justified?. <i>PLoS Medicine</i> , 2005 , 2, e44	11.6	36
171	Intrauterine rescue transfusion in mono chorionic multiple pregnancies with recent single intrauterine death. <i>Prenatal Diagnosis</i> , 2001 , 21, 274-8	3.2	36
170	Clinical outcome of congenital talipes equinovarus diagnosed antenatally by ultrasound. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2000 , 82, 876-80		36
169	A unique F MRI agent for the tracking of non phagocytic cells in vivo. <i>Nanoscale</i> , 2018 , 10, 8226-8239	7.7	34
168	Twin fetuses: intravascular microbubble US contrast agent administration--early experience. <i>Radiology</i> , 2000 , 214, 724-8	20.5	33
167	Molecular genetic etiology of twin reversed arterial perfusion sequence. <i>American Journal of Obstetrics and Gynecology</i> , 1996 , 174, 891-4	6.4	33
166	Transvaginal ultrasound recognition of nuchal edema in the first-trimester diagnosis of achondrogenesis. <i>Journal of Clinical Ultrasound</i> , 1991 , 19, 586-90	1	33
165	Osterix induces osteogenic gene expression but not differentiation in primary human fetal mesenchymal stem cells. <i>Tissue Engineering</i> , 2007 , 13, 1513-23		32
164	Pathophysiology of pressure changes during intrauterine transfusion. <i>American Journal of Obstetrics and Gynecology</i> , 1989 , 160, 1139-45	6.4	32
163	Priming of endothelial colony-forming cells in a mesenchymal niche improves engraftment and vasculogenic potential by initiating mesenchymal transition orchestrated by NOTCH signaling. <i>FASEB Journal</i> , 2017 , 31, 610-624	0.9	31
162	Temporal and geographical variation in UK obstetricians' personal preference regarding mode of delivery. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2002 , 100, 185-8	2.4	31
161	High sensitivity of fetal DNA in plasma compared to serum and nucleated cells using un-nested PCR in maternal blood. <i>Fetal Diagnosis and Therapy</i> , 2000 , 15, 102-7	2.4	31
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