

Nicholas M Fisk

List of Publications by Year in descending order

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322
papers

19,260
citations

8755

75
h-index

16650

123
g-index

329
all docs

329
docs citations

329
times ranked

13322
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of mesenchymal stem/progenitor cells in human first-trimester fetal blood, liver, and bone marrow. <i>Blood</i> , 2001, 98, 2396-2402.	1.4	1,235
2	Association between maternal anxiety in pregnancy and increased uterine artery resistance index: cohort based study. <i>BMJ: British Medical Journal</i> , 1999, 318, 153-157.	2.3	430
3	Fetal exposure to maternal cortisol. <i>Lancet, The</i> , 1998, 352, 707-708.	13.7	416
4	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, 417-426.	1.3	416
5	Human First-Trimester Fetal MSC Express Pluripotency Markers and Grow Faster and Have Longer Telomeres Than Adult MSC. <i>Stem Cells</i> , 2007, 25, 646-654.	3.2	396
6	Fetal outcome in obstetric cholestasis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1988, 95, 1137-1143.	2.3	282
7	Prenatal Determination of Fetal RhD Type by DNA Amplification. <i>New England Journal of Medicine</i> , 1993, 329, 607-610.	27.0	276
8	Angioarchitecture of monochorionic placentas in relation to the twin-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 1995, 172, 856-863.	1.3	275
9	Fetal plasma cortisol and β -endorphin response to intrauterine needling. <i>Lancet, The</i> , 1994, 344, 77-81.	13.7	271
10	Superior Osteogenic Capacity for Bone Tissue Engineering of Fetal Compared with Perinatal and Adult Mesenchymal Stem Cells. <i>Stem Cells</i> , 2009, 27, 126-137.	3.2	269
11	Microchimerism in female bone marrow and bone decades after fetal mesenchymal stem-cell trafficking in pregnancy. <i>Lancet, The</i> , 2004, 364, 179-182.	13.7	257
12	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, 708-715.	1.3	211
13	5â€² isomiR variation is of functional and evolutionary importance. <i>Nucleic Acids Research</i> , 2014, 42, 9424-9435.	14.5	203
14	Fetal Hypothalamic-Pituitary-Adrenal Stress Responses to Invasive Procedures Are Independent of Maternal Responses ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 104-109.	3.6	197
15	Survey of obstetricians' personal preference and discretionary practice. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1997, 73, 1-4.	1.1	196
16	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.	3.6	196
17	Long-Term in Utero Drainage of Fetal Hydrothorax. <i>New England Journal of Medicine</i> , 1988, 319, 1135-1138.	27.0	189
18	Murine but Not Human Mesenchymal Stem Cells Generate Osteosarcoma-Like Lesions in the Lung. <i>Stem Cells</i> , 2007, 25, 1586-1594.	3.2	187

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19	Erythropoietic suppression in fetal anemia because of Kell alloimmunization. American Journal of Obstetrics and Gynecology, 1994, 171, 247-252.	1.3	172
20	Small Molecule Mesengenic Induction of Human Induced Pluripotent Stem Cells to Generate Mesenchymal Stem/Stromal Cells. Stem Cells Translational Medicine, 2012, 1, 83-95.	3.3	172
21	Human Fetal Mesenchymal Stem Cells as Vehicles for Gene Delivery. Stem Cells, 2005, 23, 93-102.	3.2	170
22	Intrauterine transplantation of human fetal mesenchymal stem cells from first-trimester blood repairs bone and reduces fractures in osteogenesis imperfecta mice. Blood, 2008, 111, 1717-1725.	1.4	165
23	Pre- and Postnatal Transplantation of Fetal Mesenchymal Stem Cells in Osteogenesis Imperfecta: A Two-Center Experience. Stem Cells Translational Medicine, 2014, 3, 255-264.	3.3	162
24	Fetal stem cells. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2004, 18, 853-875.	2.8	155
25	Valproic Acid Confers Functional Pluripotency to Human Amniotic Fluid Stem Cells in a Transgene-free Approach. Molecular Therapy, 2012, 20, 1953-1967.	8.2	145
26	Galectin-1 Induces Skeletal Muscle Differentiation in Human Fetal Mesenchymal Stem Cells and Increases Muscle Regeneration. Stem Cells, 2006, 24, 1879-1891.	3.2	144
27	Abnormalities in the myeloid progenitor compartment in Down syndrome fetal liver precede acquisition of GATA1 mutations. Blood, 2008, 112, 4507-4511.	1.4	143
28	Accurate and Robust Quantification of Circulating Fetal and Total DNA in Maternal Plasma from 5 to 41 Weeks of Gestation. Clinical Chemistry, 2005, 51, 312-320.	3.2	141
29	Human Fetal and Maternal Noradrenaline Responses to Invasive Procedures. Pediatric Research, 1999, 45, 494-499.	2.3	140
30	High Risk of Unexpected Late Fetal Death in Monochorionic Twins Despite Intensive Ultrasound Surveillance: A Cohort Study. PLoS Medicine, 2005, 2, e172.	8.4	138
31	The potential of human fetal mesenchymal stem cells for off-the-shelf bone tissue engineering application. Biomaterials, 2012, 33, 2656-2672.	11.4	138
32	Mode of delivery and subsequent stress response. Lancet, The, 2000, 355, 120.	13.7	131
33	Fetal urine biochemistry: an index of renal maturation and dysfunction. BJOG: an International Journal of Obstetrics and Gynaecology, 1992, 99, 46-50.	2.3	128
34	Use of a cyclo-oxygenase type-2-selective non-steroidal anti-inflammatory agent to prevent preterm delivery. Lancet, The, 1997, 350, 265-266.	13.7	125
35	Identification of fetal mesenchymal stem cells in maternal blood: implications for non-invasive prenatal diagnosis. Molecular Human Reproduction, 2003, 9, 497-502.	2.8	124
36	Neo-vascularization and bone formation mediated by fetal mesenchymal stem cell tissue-engineered bone grafts in critical-size femoral defects. Biomaterials, 2010, 31, 608-620.	11.4	122

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37	Functional Definition of Progenitors Versus Mature Endothelial Cells Reveals Key SoxF-Dependent Differentiation Process. <i>Circulation</i> , 2017, 135, 786-805.	1.6	122
38	Endothelin concentrations in monochorionic twins with severe twin-twin transfusion syndrome. <i>Human Reproduction</i> , 1999, 14, 1614-1618.	0.9	119
39	Non-invasive fetal electrocardiography in singleton and multiple pregnancies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2003, 110, 668-678.	2.3	118
40	Widespread Distribution and Muscle Differentiation of Human Fetal Mesenchymal Stem Cells After Intrauterine Transplantation in Dystrophic <i>mdx</i> Mouse. <i>Stem Cells</i> , 2007, 25, 875-884.	3.2	118
41	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, 240-250.	6.7	116
42	Fetal origins of reduced arterial distensibility in the donor twin in twin-twin transfusion syndrome. <i>Lancet, The</i> , 2000, 355, 1157-1158.	13.7	114
43	Effects of Fetal Intravenous Glucose Challenge in Normal and Growth Retarded Fetuses. <i>Hormone and Metabolic Research</i> , 1990, 22, 426-430.	1.5	110
44	Doppler detection of arterio-arterial anastomoses in monochorionic twins: feasibility and clinical application. <i>Human Reproduction</i> , 2000, 15, 1632-1636.	0.9	110
45	Antenatal factors at diagnosis that predict outcome in twin-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 1023-1028.	1.3	110
46	Validation of the Quintero staging system for twin-twin transfusion syndrome. <i>Obstetrics and Gynecology</i> , 2002, 100, 1257-1265.	2.4	110
47	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, 701-707.	1.3	110
48	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, 685-688.	2.3	110
49	Market Failure and the Poverty of New Drugs in Maternal Health. <i>PLoS Medicine</i> , 2008, 5, e22.	8.4	110
50	Comparative osteogenic transcription profiling of various fetal and adult mesenchymal stem cell sources. <i>Differentiation</i> , 2008, 76, 946-957.	1.9	109
51	Fetal plasma testosterone correlates positively with cortisol. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005, 90, F166-F169.	2.8	107
52	Fetofetal transfusion syndrome: do the neonatal criteria apply in utero?. <i>Archives of Disease in Childhood</i> , 1990, 65, 657-661.	1.9	106
53	Serial aggressive platelet transfusion for fetal alloimmune thrombocytopenia: Platelet dynamics and perinatal outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 186, 826-831.	1.3	106
54	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, 15-16.	1.1	104

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55	Limited role of fetal blood sampling in prediction of outcome in intrauterine growth retardation. <i>Lancet, The</i> , 1990, 336, 768-772.	13.7	101
56	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, 760-765.	2.3	99
57	Fetal cystoscopy in the management of fetal obstructive uropathy: experience in a single European centre. <i>Prenatal Diagnosis</i> , 2003, 23, 1033-1041.	2.3	99
58	Stem cell differentiation and expansion for clinical applications of tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 935-944.	3.6	96
59	The Basic and Clinical Science of Twinâ€“Twin Transfusion Syndrome. <i>Placenta</i> , 2009, 30, 379-390.	1.5	96
60	Neonatal cranial ultrasonographic findings in preterm twins complicated by severe fetofetal transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 178, 479-483.	1.3	94
61	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, 14-17.	1.1	94
62	Ablation of acardiac twin by alcohol injection into the intra-abdominal umbilical artery. <i>Obstetrics and Gynecology</i> , 1995, 86, 680-681.	2.4	92
63	The aetiology and management of twinâ€“twin transfusion syndrome. <i>Prenatal Diagnosis</i> , 1997, 17, 1227-1236.	2.3	89
64	Twin-Twin Transfusion Syndrome. <i>Circulation</i> , 2003, 107, 1906-1911.	1.6	88
65	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, 709-710.	2.3	87
66	Acute cerebral redistribution in response to invasive procedures in the human fetus. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 181, 1018-1025.	1.3	86
67	Stage I twinâ€“twin transfusion syndrome: rates of progression and regression in relation to outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 958-964.	1.7	86
68	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, 1046-1051.	1.3	83
69	The natural caesarean: a womanâ€“centred technique. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008, 115, 1037-1042.	2.3	83
70	<i>In utero</i> therapy for lower urinary tract obstruction. <i>Prenatal Diagnosis</i> , 2001, 21, 970-976.	2.3	82
71	Pain and stress in the human fetus. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000, 92, 161-165.	1.1	81
72	Microchimeric fetal cells cluster at sites of tissue injury in lung decades after pregnancy. <i>Reproductive BioMedicine Online</i> , 2008, 16, 382-390.	2.4	81

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73	Low amniotic pressure in oligohydramnios—Is this the cause of pulmonary hypoplasia? .. American Journal of Obstetrics and Gynecology, 1989, 161, 1098-1101.	1.3	80
74	Hydrostatic and osmotic pressure gradients produce manifestations of fetofetal transfusion syndrome in a computerized model of monochorial twin pregnancy. American Journal of Obstetrics and Gynecology, 1996, 174, 598-608.	1.3	79
75	Fetal pain: implications for research and practice. BJOG: an International Journal of Obstetrics and Gynaecology, 1999, 106, 881-886.	2.3	79
76	The twin—twin transfusion syndrome. Seminars in Fetal and Neonatal Medicine, 2002, 7, 187-202.	2.7	78
77	Transplantation of human fetal blood stem cells in the osteogenesis imperfecta mouse leads to improvement in multiscale tissue properties. Blood, 2011, 117, 1053-1060.	1.4	78
78	Circulating hematopoietic progenitor cells in first trimester fetal blood. Blood, 2000, 95, 1967-1972.	1.4	77
79	Fetal Stem Cells: Betwixt and Between. Seminars in Reproductive Medicine, 2006, 24, 340-347.	1.1	77
80	Twin-to-Twin Transfusion Syndrome Results From Dynamic Asymmetrical Reduction in Placental Anastomoses: A Hypothesis. Placenta, 2001, 22, 383-391.	1.5	76
81	Middle cerebral artery peak systolic velocity in the prediction of fetal anemia. Ultrasound in Obstetrics and Gynecology, 2000, 15, 205-208.	1.7	74
82	Echogenic foci in the fetal heart: a marker of chromosomal abnormality. BJOG: an International Journal of Obstetrics and Gynaecology, 1995, 102, 490-492.	2.3	72
83	Transmitted Arterio-arterial Anastomosis Waveforms Causing Cyclically Intermittent Absent/Reversed End-diastolic Umbilical Artery Flow in Monochorionic Twins. Placenta, 2003, 24, 772-778.	1.5	72
84	Fetal renal impairment. Seminars in Fetal and Neonatal Medicine, 2003, 8, 279-289.	2.7	72
85	Insights into the pathophysiology of twin—twin transfusion syndrome. Prenatal Diagnosis, 2005, 25, 777-785.	2.3	72
86	Vasculogenic and Osteogenesis-Enhancing Potential of Human Umbilical Cord Blood Endothelial Colony-Forming Cells. Stem Cells, 2012, 30, 1911-1924.	3.2	72
87	The Placenta Contributes to Activation of the Renin Angiotensin System in Twin—Twin Transfusion Syndrome. Placenta, 2008, 29, 734-742.	1.5	71
88	Differentiation of human fetal mesenchymal stem cells into cells with an oligodendrocyte phenotype. Cell Cycle, 2009, 8, 1069-1079.	2.6	71
89	Intrauterine manometry: Technique and application to fetal pathology. Prenatal Diagnosis, 1989, 9, 243-254.	2.3	69
90	Continuing controversy in alloimmune thrombocytopenia: Fetal hyperimmunoglobulinemia fails to prevent thrombocytopenia. American Journal of Obstetrics and Gynecology, 1990, 163, 1144-1146.	1.3	69

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91	The Twinâ€“Twin Transfusion Syndrome. <i>Clinical Obstetrics and Gynecology</i> , 2004, 47, 181-202.	1.1	69
92	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, 921-926.	2.3	68
93	Characterisation of deep arterio-venous anastomoses within monochorionic placentae by vascular casting. <i>Placenta</i> , 2005, 26, 19-24.	1.5	66
94	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, 1950-1960.	8.2	66
95	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, 1186-1191.	1.3	65
96	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, 1546-1550.	1.3	64
97	Haematological indices at fetal blood sampling in monochorionic pregnancies complicated by feto-fetal transfusion syndrome. <i>Prenatal Diagnosis</i> , 1998, 18, 941-946.	2.3	64
98	Amniotic fluid testosterone: relationship with cortisol and gestational age. <i>Clinical Endocrinology</i> , 2007, 67, 743-747.	2.4	64
99	Human fetal mesenchymal stem cells differentiate into brown and white adipocytes: a role for ERR α in human UCP1 expression. <i>Cell Research</i> , 2010, 20, 434-444.	12.0	64
100	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, 839-847.	3.3	63
101	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, 444-458.	2.1	62
102	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, 172-176.	1.0	61
103	Medical amnioreduction with sulindac to reduce cord complications in monoamniotic twins. <i>American Journal of Obstetrics and Gynecology</i> , 1997, 176, 334-336.	1.3	61
104	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, 681-687.	1.7	61
105	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, 924-927.	1.3	60
106	The frequency of chromosome anomalies in human preimplantation embryos after in-vitro fertilization. <i>Human Reproduction</i> , 1989, 4, 91-98.	0.9	60
107	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, 1092-1095.	2.3	59
108	The management of fetal alloimmune thrombocytopenia. <i>Prenatal Diagnosis</i> , 2002, 22, 96-8.	2.3	57

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109	Is C-reactive protein really useful in preterm premature rupture of the membranes?. BJOG: an International Journal of Obstetrics and Gynaecology, 1987, 94, 1159-1164.	2.3	56
110	Impaired Fetal Blood Gas Status in Polyhydramnios and Its Relation to Raised Amniotic Pressure. Fetal Diagnosis and Therapy, 1994, 9, 7-13.	1.4	56
111	Second-trimester echogenic bowel and intraamniotic bleeding: Association between fetal bowel echogenicity and amniotic fluid spectrophotometry at 410 nm. American Journal of Obstetrics and Gynecology, 1996, 174, 839-842.	1.3	56
112	Increased Stillbirth in Uncomplicated Monochorionic Twin Pregnancies. Obstetrics and Gynecology, 2013, 121, 1318-1326.	2.4	56
113	Ontological Differences in First Compared to Third Trimester Human Fetal Placental Chorionic Stem Cells. PLoS ONE, 2012, 7, e43395.	2.5	56
114	Fetal Telemedicine: Interactive Transfer of Realtime Ultrasound and Video via ISDN for Remote Consultation. Journal of Telemedicine and Telecare, 1995, 1, 38-44.	2.7	55
115	Interstitial laser therapy for fetal reduction in monochorionic multiple pregnancy: loss rate and association with aplasia cutis congenita. Prenatal Diagnosis, 2008, 28, 535-543.	2.3	55
116	Maternal anxiety at amniocentesis and plasma cortisol. Prenatal Diagnosis, 2006, 26, 505-509.	2.3	54
117	Systemic delivery of scAAV9 in fetal macaques facilitates neuronal transduction of the central and peripheral nervous systems. Gene Therapy, 2013, 20, 69-83.	4.5	54
118	Doppler for Artery-Artery Anastomosis and Stage-Independent Survival in Twin-Twin Transfusion. Obstetrics and Gynecology, 2004, 103, 1174-1180.	2.4	53
119	Upregulating CXCR4 in Human Fetal Mesenchymal Stem Cells Enhances Engraftment and Bone Mechanics in a Mouse Model of Osteogenesis Imperfecta. Stem Cells Translational Medicine, 2012, 1, 70-78.	3.3	53
120	Simultaneous fetal cell identification and diagnosis by epsilon-globin chain immunophenotyping and chromosomal fluorescence in situ hybridization. Blood, 2001, 98, 554-557.	1.4	52
121	Characterization of first trimester fetal erythroblasts for non-invasive prenatal diagnosis. Molecular Human Reproduction, 2003, 9, 227-235.	2.8	52
122	The fetal intrahepatic umbilical vein as an alternative to cord needling for prenatal diagnosis and therapy. Prenatal Diagnosis, 1988, 8, 665-671.	2.3	51
123	Twin-Twin Transfusion "As Good as It Gets?". New England Journal of Medicine, 2004, 351, 182-184.	27.0	51
124	Transfusional fetal complications after single intrauterine death in monochorionic multiple pregnancy are reduced but not prevented by vascular occlusion. BJOG: an International Journal of Obstetrics and Gynaecology, 2009, 116, 804-812.	2.3	51
125	Caesarean section. Current Opinion in Obstetrics and Gynecology, 1997, 9, 351-355.	2.0	50
126	High failure rate of umbilical vessel occlusion by ultrasound-guided injection of absolute alcohol or embucrilate gel. , 1999, 19, 527-532.		50

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127	Public-private partnership in cord blood banking. <i>BMJ: British Medical Journal</i> , 2008, 336, 642-644.	2.3	50
128	Transvaginal ultrasonic assessment of endometrial growth in spontaneous and hyperstimulated menstrual cycles. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1989, 96, 954-959.	2.3	48
129	Further predictors of renal dysplasia in fetal obstructive uropathy: Bladder pressure and biochemistry of "fresh" urine. <i>Prenatal Diagnosis</i> , 1991, 11, 159-166.	2.3	48
130	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, 975-977.	2.3	48
131	Ontogeny of foetal exposure to maternal cortisol using midtrimester amniotic fluid as a biomarker. <i>Clinical Endocrinology</i> , 2007, 66, 636-640.	2.4	48
132	Can Routine Commercial Cord Blood Banking Be Scientifically and Ethically Justified?. <i>PLoS Medicine</i> , 2005, 2, e44.	8.4	47
133	Exploring Cortical Subplate Evolution Using Magnetic Resonance Imaging of the Fetal Brain. <i>Developmental Neuroscience</i> , 2008, 30, 211-220.	2.0	47
134	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.	2.5	47
135	Reducing the incidence of twins and triplets. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2003, 17, 309-329.	2.8	46
136	High frequency of fetal cells within a primitive stem cell population in maternal blood. <i>Human Reproduction</i> , 2008, 23, 928-933.	0.9	46
137	Intrauterine rescue transfusion in monochorionic multiple pregnancies with recent single intrauterine death. <i>Prenatal Diagnosis</i> , 2001, 21, 274-278.	2.3	44
138	Increased latency of absent end-diastolic flow in the umbilical artery of monochorionic twin fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 26, 44-49.	1.7	44
139	The effects of culture on genomic imprinting profiles in human embryonic and fetal mesenchymal stem cells. <i>Epigenetics</i> , 2011, 6, 52-62.	2.7	44
140	Intracellular trafficking and endocytosis of CXCR4 in fetal mesenchymal stem/stromal cells. <i>BMC Cell Biology</i> , 2014, 15, 15.	3.0	43
141	Transvaginal ultrasound recognition of nuchal edema in the first-trimester diagnosis of achondrogenesis. <i>Journal of Clinical Ultrasound</i> , 1991, 19, 586-590.	0.8	42
142	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, 1788-1792.	1.3	42
143	Fetal stem cell microchimerism: natural-born healers or killers?. <i>Molecular Human Reproduction</i> , 2010, 16, 869-878.	2.8	42
144	A unique ¹⁹ F MRI agent for the tracking of non phagocytic cells <i>in vivo</i> . <i>Nanoscale</i> , 2018, 10, 8226-8239.	5.6	42

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145	Clinical outcome of congenital talipes equinovarus diagnosed antenatally by ultrasound. Journal of Bone and Joint Surgery: British Volume, 2000, 82, 876-880.	3.4	42
146	Preclinical development of noninvasive vascular occlusion with focused ultrasonic surgery for fetal therapy. American Journal of Obstetrics and Gynecology, 2000, 182, 387-392.	1.3	41
147	Occlusion of Arterio-Arterial Anastomosis Manifesting as Acute Twinâ€“Twin Transfusion Syndrome. Placenta, 2004, 25, 238-242.	1.5	41
148	Transplantation of human fetal mesenchymal stem cells improves glomerulopathy in a collagen type IÎ±2Î±deficient mouse. Journal of Pathology, 2008, 214, 627-636.	4.5	41
149	A molecular classification of human mesenchymal stromal cells. PeerJ, 2016, 4, e1845.	2.0	41
150	Prenatal diagnosis of congenital patent urachus and allantoic cyst: the value of color flow imaging.. Journal of Ultrasound in Medicine, 1995, 14, 47-51.	1.7	40
151	Priming of endothelial colonyâ€“forming cells in a mesenchymal niche improves engraftment and vasculogenic potential by initiating mesenchymal transition orchestrated by NOTCH signaling. FASEB Journal, 2017, 31, 610-624.	0.5	40
152	Fetal Hyperechogenic Bowel Following Intra-Amniotic Bleeding. Obstetrics and Gynecology, 1994, 83, 947-950.	2.4	39
153	High Sensitivity of Fetal DNA in Plasma Compared to Serum and Nucleated Cells Using Unnested PCR in Maternal Blood. Fetal Diagnosis and Therapy, 2000, 15, 102-107.	1.4	39
154	Self-Renewal and High Proliferative Colony Forming Capacity of Late-Outgrowth Endothelial Progenitors Is Regulated by Cyclin-Dependent Kinase Inhibitors Driven by Notch Signaling. Stem Cells, 2016, 34, 902-912.	3.2	39
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