

David Stephen Charnock-Jones

List of Publications by Year in Descending Order

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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.

208 papers	15,807 citations	63 h-index	121 g-index
223 ext. papers	17,277 ext. citations	6.8 avg, IF	6.38 L-index

#	Paper	IF	Citations
208	The Placental Circulations 2022 , 171-204		
207	A Maternal Serum Metabolite Ratio Predicts Large for Gestational Age Infants at Term: A Prospective Cohort Study.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	1
206	Inherent mosaicism and extensive mutation of human placentas. <i>Nature</i> , 2021 , 592, 80-85	50.4	44
205	Slowing of fetal growth and elevated maternal serum sFLT1:PlGF are associated with early term spontaneous labor. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 225, 520.e1-520.e10	6.4	0
204	The RNA landscape of the human placenta in health and disease. <i>Nature Communications</i> , 2021 , 12, 263917.4	17.4	14
203	RNA-Seq reveals changes in human placental metabolism, transport and endocrinology across the first-second trimester transition. <i>Biology Open</i> , 2021 , 10,	2.2	4
202	Evolutionary History of Endogenous Human Herpesvirus 6 Reflects Human Migration out of Africa. <i>Molecular Biology and Evolution</i> , 2021 , 38, 96-107	8.3	10
201	Batch effects account for the main findings of an in utero human intestinal bacterial colonization study. <i>Microbiome</i> , 2021 , 9, 6	16.6	21
200	Fetal inheritance of chromosomally integrated human herpesvirus 6 predisposes the mother to pre-eclampsia. <i>Nature Microbiology</i> , 2020 , 5, 901-908	26.6	12
199	A maternal serum metabolite ratio predicts fetal growth restriction at term. <i>Nature Medicine</i> , 2020 , 26, 348-353	50.5	38
198	A high-throughput platform for detailed lipidomic analysis of a range of mouse and human tissues. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 2851-2862	4.4	16
197	Placental energy metabolism in health and disease-significance of development and implications for preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2020 ,	6.4	10
196	Abnormal placental CD8 T-cell infiltration is a feature of fetal growth restriction and pre-eclampsia. <i>Journal of Physiology</i> , 2020 , 598, 5555-5571	3.9	10
195	4-Hydroxyglutamate is a novel predictor of pre-eclampsia. <i>International Journal of Epidemiology</i> , 2020 , 49, 301-311	7.8	20
194	Three-dimensional morphological analysis of placental terminal villi. <i>Interface Focus</i> , 2019 , 9, 20190037	3.9	7
193	Role of soluble endoglin in BMP9 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17800-17808	11.5	35
192	A Lower Maternal Cortisol-to-Cortisone Ratio Precedes Clinical Diagnosis of Preterm and Term Preeclampsia by Many Weeks. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2355-2366	5.6	7

191	The association between first trimester AFP to PAPP-A ratio and placentally-related adverse pregnancy outcome. <i>Placenta</i> , 2019 , 81, 25-31	3.4	14
190	Human pregnancy zone protein stabilizes misfolded proteins including preeclampsia- and Alzheimer's-associated amyloid beta peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6101-6110	11.5	32
189	Human placenta has no microbiome but can contain potential pathogens. <i>Nature</i> , 2019 , 572, 329-334	50.4	323
188	IFPA meeting 2018 workshop report II: Abnormally invasive placenta; inflammation and infection; preeclampsia; gestational trophoblastic disease and drug delivery. <i>Placenta</i> , 2019 , 84, 9-13	3.4	5
187	Age at menarche and the risk of operative delivery. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 411-418	2	1
186	Genome-wide oxidative bisulfite sequencing identifies sex-specific methylation differences in the human placenta. <i>Epigenetics</i> , 2018 , 13, 228-239	5.7	24
185	Screening for fetal growth restriction using fetal biometry combined with maternal biomarkers. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, S725-S737	6.4	64
184	Retosiban Prevents Stretch-Induced Human Myometrial Contractility and Delays Labor in Cynomolgus Monkeys. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1056-1067	5.6	10
183	Recognizing the reagent microbiome. <i>Nature Microbiology</i> , 2018 , 3, 851-853	26.6	161
182	Screening for fetal growth restriction using ultrasound and the sFLT1/PlGF ratio in nulliparous women: a prospective cohort study. <i>The Lancet Child and Adolescent Health</i> , 2018 , 2, 569-581	14.5	63
181	Placental polyamine metabolism differs by fetal sex, fetal growth restriction, and preeclampsia. <i>JCI Insight</i> , 2018 , 3,	9.9	30
180	Birth weight to placenta weight ratio and its relationship to ultrasonic measurements, maternal and neonatal morbidity: A prospective cohort study of nulliparous women. <i>Placenta</i> , 2018 , 63, 45-52	3.4	21
179	Single-Cell Analysis Identifies Thymic Maturation Delay in Growth-Restricted Neonatal Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 2523	8.4	3
178	Maternal Circulating Nucleic Acids as Markers of Placental Health 2018 , 333-351		
177	Detecting eukaryotic microbiota with single-cell sensitivity in human tissue. <i>Microbiome</i> , 2018 , 6, 151	16.6	13
176	ELABELA/APELA Levels Are Not Decreased in the Maternal Circulation or Placenta among Women with Preeclampsia. <i>American Journal of Pathology</i> , 2018 , 188, 1749-1753	5.8	26
175	155: Screening for late fetal growth restriction using ultrasound and the sFlt-1:PlGF ratio. <i>American Journal of Obstetrics and Gynecology</i> , 2017 , 216, S104	6.4	2
174	Prediction of Preeclampsia Using the Soluble fms-Like Tyrosine Kinase 1 to Placental Growth Factor Ratio: A Prospective Cohort Study of Unselected Nulliparous Women. <i>Hypertension</i> , 2017 , 69, 731-738	8.5	78

173	RNA-seq reveals conservation of function among the yolk sacs of human, mouse, and chicken. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4753-E4761 ^{11.5}	44
172	The pregnancy outcome prediction (POP) study: Investigating the relationship between serial prenatal ultrasonography, biomarkers, placental phenotype and adverse pregnancy outcomes. <i>Placenta</i> , 2017 , 59, S17-S25	3.4 35
171	Placental hypoxia, endoplasmic reticulum stress and maternal endothelial sensitisation by sFLT1 in pre-eclampsia. <i>Journal of Reproductive Immunology</i> , 2016 , 114, 81-5	4.2 30
170	Computational modeling of the structure-function relationship in human placental terminal villi. <i>Journal of Biomechanics</i> , 2016 , 49, 3780-3787	2.9 24
169	Fetus-derived DLK1 is required for maternal metabolic adaptations to pregnancy and is associated with fetal growth restriction. <i>Nature Genetics</i> , 2016 , 48, 1473-1480	36.3 55
168	Three-dimensional modeling of human placental terminal villi. <i>Placenta</i> , 2016 , 43, 54-60	3.4 41
167	The relationship between human placental morphometry and ultrasonic measurements of utero-placental blood flow and fetal growth. <i>Placenta</i> , 2016 , 38, 41-8	3.4 17
166	Models of endometriosis and their utility in studying progression to ovarian clear cell carcinoma. <i>Journal of Pathology</i> , 2016 , 238, 185-96	9.4 29
165	Leptin Matures Aspects of Lung Structure and Function in the Ovine Fetus. <i>Endocrinology</i> , 2016 , 157, 395-404	4.8 18
164	Morphological and molecular changes in the murine placenta exposed to normobaric hypoxia throughout pregnancy. <i>Journal of Physiology</i> , 2016 , 594, 1371-88	3.9 43
163	Age-related changes in murine myometrial transcript profile are mediated by exposure to the female sex hormones. <i>Aging Cell</i> , 2016 , 15, 177-80	9.9 3
162	Placental endoplasmic reticulum stress negatively regulates transcription of placental growth factor via ATF4 and ATF6—implications for the pathophysiology of human pregnancy complications. <i>Journal of Pathology</i> , 2016 , 238, 550-61	9.4 63
161	Energy status and HIF signalling in chorionic villi show no evidence of hypoxic stress during human early placental development. <i>Molecular Human Reproduction</i> , 2015 , 21, 296-308	4.4 48
160	The acute-phase protein SAA3 is present in the preterm human colostrum and breast milk. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015 , 100, F369-71	4.7 2
159	Developmental Expression and Glucocorticoid Control of the Leptin Receptor in Fetal Ovine Lung. <i>PLoS ONE</i> , 2015 , 10, e0136115	3.7 6
158	The Effect of an Oxytocin Receptor Antagonist (Retosiban, GSK221149A) on the Response of Human Myometrial Explants to Prolonged Mechanical Stretch. <i>Endocrinology</i> , 2015 , 156, 3511-6	4.8 9
157	Influence of speed of sample processing on placental energetics and signalling pathways: implications for tissue collection. <i>Placenta</i> , 2014 , 35, 103-8	3.4 16
156	Differential activation of placental unfolded protein response pathways implies heterogeneity in causation of early- and late-onset pre-eclampsia. <i>Journal of Pathology</i> , 2014 , 234, 262-76	9.4 102

155	Vasohibin-1 is identified as a master-regulator of endothelial cell apoptosis using gene network analysis. <i>BMC Genomics</i> , 2013 , 14, 23	4.5	16
154	Redefining preeclampsia using placenta-derived biomarkers. <i>Hypertension</i> , 2013 , 61, 932-42	8.5	259
153	Increased endothelial cell selectivity of triazole-bridged dihalogenated A-ring analogues of combretastatin A-1. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 1749-59	3.4	17
152	Endoplasmic reticulum stress disrupts placental morphogenesis: implications for human intrauterine growth restriction. <i>Journal of Pathology</i> , 2012 , 228, 554-64	9.4	62
151	A-ring dihalogenation increases the cellular activity of combretastatin-templated tetrazoles. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 177-81	4.3	36
150	Expression of gastrin-releasing peptide is increased by prolonged stretch of human myometrium, and antagonists of its receptor inhibit contractility. <i>Journal of Physiology</i> , 2012 , 590, 2081-93	3.9	10
149	Disruption of paraoxonase 3 impairs proliferation and antioxidant defenses in human A549 cells and causes embryonic lethality in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E103-7	6	9
148	Gene network inference and visualization tools for biologists: application to new human transcriptome datasets. <i>Nucleic Acids Research</i> , 2012 , 40, 2377-98	20.1	52
147	The natural compound n-butylidenephthalide derived from the volatile oil of Radix Angelica sinensis inhibits angiogenesis in vitro and in vivo. <i>Angiogenesis</i> , 2011 , 14, 187-97	10.6	61
146	MMP1 bimodal expression and differential response to inflammatory mediators is linked to promoter polymorphisms. <i>BMC Genomics</i> , 2011 , 12, 43	4.5	17
145	Activation of mutated K-ras in donor endometrial epithelium and stroma promotes lesion growth in an intact immunocompetent murine model of endometriosis. <i>Journal of Pathology</i> , 2011 , 224, 261-9	9.4	44
144	Ovarian clear cell carcinoma--bad endometriosis or bad endometrium?. <i>Journal of Pathology</i> , 2011 , 225, 157-60	9.4	21
143	Estimating genome-wide gene networks using nonparametric Bayesian network models on massively parallel computers. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2011 , 8, 683-97	3	32
142	Soluble FLT1 sensitizes endothelial cells to inflammatory cytokines by antagonizing VEGF receptor-mediated signalling. <i>Cardiovascular Research</i> , 2011 , 89, 671-9	9.9	96
141	Developmental control of the Nlrp6 inflammasome and a substrate, IL-18, in mammalian intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, G253-63	5.1	58
140	Regulation of AKT phosphorylation at Ser473 and Thr308 by endoplasmic reticulum stress modulates substrate specificity in a severity dependent manner. <i>PLoS ONE</i> , 2011 , 6, e17894	3.7	107
139	The influence of the intrauterine environment on human placental development. <i>International Journal of Developmental Biology</i> , 2010 , 54, 303-12	1.9	214
138	VEGF-A and serum withdrawal induced changes in the transcript profile in human endometrial endothelial cells. <i>Reproductive Sciences</i> , 2010 , 17, 590-611	3	13

137	Progesterin regulates chemokine (C-X-C motif) ligand 14 transcript level in human endometrium. <i>Molecular Human Reproduction</i> , 2010 , 16, 170-7	4.4	28
136	Paraoxonase-3, a putative circulating antioxidant, is systemically up-regulated in late gestation in the fetal rat, sheep, and human. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3798-805	5.6	15
135	Effects of medroxyprogesterone acetate on gene expression in myometrial explants from pregnant women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, E437-47	5.6	15
134	VEGF-A loss in the haematopoietic and endothelial lineages exacerbates age-induced renal changes. <i>Microvascular Research</i> , 2010 , 80, 372-83	3.7	3
133	Antivascular and anticancer activity of dihalogenated A-ring analogues of combretastatin A-4. <i>MedChemComm</i> , 2010 , 1, 202	5	22
132	Effect of low-dose mifepristone administration on day 2 after ovulation on transcript profiles in implantation-stage endometrium of rhesus monkeys. <i>Reproduction</i> , 2009 , 138, 357-70	3.8	10
131	Regulation of vascular growth and function in the human placenta. <i>Reproduction</i> , 2009 , 138, 895-902	3.8	209
130	Placental endoplasmic reticulum stress and oxidative stress in the pathophysiology of unexplained intrauterine growth restriction and early onset preeclampsia. <i>Placenta</i> , 2009 , 30 Suppl A, S43-8	3.4	327
129	Analysis of PPARalpha-dependent and PPARalpha-independent transcript regulation following fenofibrate treatment of human endothelial cells. <i>Angiogenesis</i> , 2009 , 12, 221-9	10.6	29
128	Characterization of serotonin receptors in pregnant human myometrium. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 328, 682-91	4.7	36
127	Unraveling dynamic activities of autocrine pathways that control drug-response transcriptome networks. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2009 , 251-63	1.3	4
126	Study protocol. A prospective cohort study of unselected primiparous women: the pregnancy outcome prediction study. <i>BMC Pregnancy and Childbirth</i> , 2008 , 8, 51	3.2	56
125	Endometrial-peritoneal interactions during endometriotic lesion establishment. <i>American Journal of Pathology</i> , 2008 , 173, 700-15	5.8	121
124	Stimulation of contractions in human myometrium by serotonin is unmasked by smooth muscle relaxants. <i>Reproductive Sciences</i> , 2008 , 15, 727-34	3	12
123	Transcript profile and localization of Wnt signaling-related molecules in human endometrium. <i>Fertility and Sterility</i> , 2008 , 90, 201-4	4.8	18
122	Wnt5a-mediated non-canonical Wnt signalling regulates human endothelial cell proliferation and migration. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 365, 285-90	3.4	107
121	Evidence of placental translation inhibition and endoplasmic reticulum stress in the etiology of human intrauterine growth restriction. <i>American Journal of Pathology</i> , 2008 , 173, 451-62	5.8	286
120	Statistical inference of transcriptional module-based gene networks from time course gene expression profiles by using state space models. <i>Bioinformatics</i> , 2008 , 24, 932-42	7.2	75

119	Localization and control of expression of VEGF-A and the VEGFR-2 receptor in fetal sheep intestines. <i>Pediatric Research</i> , 2008 , 63, 143-8	3.2	18
118	UNRAVELING DYNAMIC ACTIVITIES OF AUTOCRINE PATHWAYS THAT CONTROL DRUG-RESPONSE TRANSCRIPTOME NETWORKS 2008 ,		1
117	The effect of delaying childbirth on primary cesarean section rates. <i>PLoS Medicine</i> , 2008 , 5, e144	11.6	109
116	Human early placental development: potential roles of the endometrial glands. <i>Placenta</i> , 2007 , 28 Suppl A, S64-9	3.4	142
115	Vascular development is disrupted by endothelial cell-specific expression of the anti-apoptotic protein Bcl-2. <i>Angiogenesis</i> , 2007 , 10, 55-68	10.6	14
114	Vascular development in embryoid bodies: quantification of transgenic intervention and antiangiogenic treatment. <i>Angiogenesis</i> , 2007 , 10, 217-26	10.6	6
113	Quantitative cellular and molecular analysis of the effect of progesterone withdrawal in a murine model of decidualization. <i>Biology of Reproduction</i> , 2007 , 76, 871-83	3.9	20
112	Understanding endothelial cell apoptosis: what can the transcriptome, glycome and proteome reveal?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 1469-87	5.8	34
111	Immunoneutralization of vascular endothelial growth factor inhibits pregnancy establishment in the rhesus monkey (<i>Macaca mulatta</i>). <i>Reproduction</i> , 2007 , 133, 1199-211	3.8	21
110	Mifepristone induced progesterone withdrawal reveals novel regulatory pathways in human endometrium. <i>Molecular Human Reproduction</i> , 2007 , 13, 641-54	4.4	88
109	Endoplasmic reticulum stress exacerbates ischemia-reperfusion-induced apoptosis through attenuation of Akt protein synthesis in human choriocarcinoma cells. <i>FASEB Journal</i> , 2007 , 21, 872-84	0.9	106
108	Nuclear factor-kappa B, p38, and stress-activated protein kinase mitogen-activated protein kinase signaling pathways regulate proinflammatory cytokines and apoptosis in human placental explants in response to oxidative stress: effects of antioxidant vitamins. <i>American Journal of Pathology</i> , 2007 , 170, 1511-20	5.8	156
107	Oxidative stress, gene expression, and protein changes induced in the human placenta during labor. <i>American Journal of Pathology</i> , 2007 , 171, 1168-79	5.8	231
106	Reduced levels of VEGF-A and MMP-2 and MMP-9 activity and increased TNF-alpha in menstrual endometrium and effluent in women with menorrhagia. <i>Human Reproduction</i> , 2006 , 21, 2158-66	5.7	42
105	Changes in gene expression during Wolffian duct development. <i>Hormone Research in Paediatrics</i> , 2006 , 65, 200-9	3.3	9
104	Menstrual effluent in endometriosis shows no difference in volume, VEGF-A, MMP2 and MMP9 or sFLT. <i>Reproductive BioMedicine Online</i> , 2006 , 12, 174-81	4	14
103	In vitro and in vivo effects of the PPAR-alpha agonists fenofibrate and retinoic acid in endometrial cancer. <i>Molecular Cancer</i> , 2006 , 5, 13	42.1	67
102	Working with oxygen and oxidative stress in vitro. <i>Methods in Molecular Medicine</i> , 2006 , 122, 413-25		10

101	Nimesulide, a COX-2 inhibitor, does not reduce lesion size or number in a nude mouse model of endometriosis. <i>Human Reproduction</i> , 2005 , 20, 350-8	5.7	52
100	Intraovarian actions of anti-angiogenic agents disrupt periovulatory events during the menstrual cycle in monkeys. <i>Contraception</i> , 2005 , 71, 239-48	2.5	36
99	Novel antiangiogenic agents for use in contraception. <i>Contraception</i> , 2005 , 71, 263-71	2.5	20
98	Reply: Is the dose to inhibit the COX-2 enzyme in nude mice also adequate in human endometrial tissues?. <i>Human Reproduction</i> , 2005 , 20, 2665-2666	5.7	
97	Vascular growth and modelling in the endometrium 2005 , 61-69		
96	Inhibition of Stat3 activation in the endometrium prevents implantation: a nonsteroidal approach to contraception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 8585-90	11.5	92
95	Endothelial cells preparing to die by apoptosis initiate a program of transcriptome and glycome regulation. <i>FASEB Journal</i> , 2004 , 18, 188-90	0.9	33
94	Independent component analysis of microarray data in the study of endometrial cancer. <i>Oncogene</i> , 2004 , 23, 6677-83	9.2	84
93	Aspects of human fetoplacental vasculogenesis and angiogenesis. I. Molecular regulation. <i>Placenta</i> , 2004 , 25, 103-13	3.4	269
92	Aspects of human fetoplacental vasculogenesis and angiogenesis. II. Changes during normal pregnancy. <i>Placenta</i> , 2004 , 25, 114-26	3.4	325
91	Aspects of human fetoplacental vasculogenesis and angiogenesis. III. Changes in complicated pregnancies. <i>Placenta</i> , 2004 , 25, 127-39	3.4	249
90	Localization of the VEGF and angiopoietin genes in uterine carcinosarcoma. <i>Gynecologic Oncology</i> , 2004 , 95, 474-82	4.9	22
89	Bioinformatic analysis of primary endothelial cell gene array data illustrated by the analysis of transcriptome changes in endothelial cells exposed to VEGF-A and PlGF. <i>Angiogenesis</i> , 2004 , 7, 143-56	10.6	29
88	Secretion of tumor necrosis factor-alpha from human placental tissues induced by hypoxia-reoxygenation causes endothelial cell activation in vitro: a potential mediator of the inflammatory response in preeclampsia. <i>American Journal of Pathology</i> , 2004 , 164, 1049-61	5.8	168
87	Transcriptome analysis of endometrial cancer identifies peroxisome proliferator-activated receptors as potential therapeutic targets. <i>Molecular Cancer Therapeutics</i> , 2004 , 3, 993-1001	6.1	17
86	Vascular endothelial growth factor-D is an independent prognostic factor in epithelial ovarian carcinoma. <i>British Journal of Cancer</i> , 2003 , 88, 237-44	8.7	125
85	The effect of RU486 on the gene expression profile in an endometrial explant model. <i>Molecular Human Reproduction</i> , 2003 , 9, 465-73	4.4	34
84	Antiangiogenic agents are effective inhibitors of endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 2889-99	5.6	213

83	Soluble vascular endothelial growth factor receptor 1 inhibits edema and epithelial proliferation induced by 17beta-estradiol in the mouse uterus. <i>Endocrinology</i> , 2003 , 144, 326-34	4.8	43
82	Identification of genes with differential regulation in primate endometrium during the proliferative and secretory phases of the cycle. <i>Endocrine Research</i> , 2003 , 29, 53-65	1.9	11
81	Generation and use of a tailored gene array to investigate vascular biology. <i>Angiogenesis</i> , 2003 , 6, 93-104	0.6	12
80	Intralobular differences in antioxidant enzyme expression and activity reflect the pattern of maternal arterial bloodflow within the human placenta. <i>Placenta</i> , 2003 , 24, 517-23	3.4	63
79	Determination of the transcript profile of human endometrium. <i>Molecular Human Reproduction</i> , 2003 , 9, 19-33	4.4	247
78	Wnt-1 signaling inhibits human umbilical vein endothelial cell proliferation and alters cell morphology. <i>Experimental Cell Research</i> , 2003 , 291, 415-25	4.2	49
77	Inhibition of breast carcinoma and trophoblast cell invasiveness by vascular endothelial growth factor. <i>Experimental Cell Research</i> , 2003 , 283, 247-55	4.2	31
76	Expression of vascular endothelial growth factor (VEGF)-D and its receptor, VEGF receptor 3, as a prognostic factor in endometrial carcinoma. <i>Clinical Cancer Research</i> , 2003 , 9, 1361-9	12.9	89
75	A longitudinal study of biochemical variables in women at risk of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 127-36	6.4	273
74	Vitamin C and E supplementation in women at risk of preeclampsia is associated with changes in indices of oxidative stress and placental function. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 777-84	6.4	156
73	VavCre transgenic mice: a tool for mutagenesis in hematopoietic and endothelial lineages. <i>Genesis</i> , 2002 , 34, 251-6	1.9	144
72	Soluble flt-1 and the angiopoietins in the development and regulation of placental vasculature. <i>Journal of Anatomy</i> , 2002 , 200, 607-15	2.9	38
71	Vascular endothelial growth factor is elevated in ocular fluids of eyes harbouring uveal melanoma: identification of a potential therapeutic window. <i>British Journal of Ophthalmology</i> , 2002 , 86, 448-52	5.5	90
70	Expression of CD105 (endoglin) in arteriolar endothelial cells of human endometrium throughout the menstrual cycle. <i>Reproduction</i> , 2002 , 124, 703-11	3.8	21
69	Hypoxia-reoxygenation: a potent inducer of apoptotic changes in the human placenta and possible etiological factor in preeclampsia. <i>Circulation Research</i> , 2002 , 90, 1274-81	15.7	320
68	Angiogenesis and Vascular Endothelial Growth Factor (VEGF) in Reproduction 2002 , 115-128		
67	Placental vessel adaptation during gestation and to high altitude: changes in diameter and perivascular cell coverage. <i>Placenta</i> , 2002 , 23, 751-62	3.4	28
66	Synergism between vascular endothelial growth factor and placental growth factor contributes to angiogenesis and plasma extravasation in pathological conditions. <i>Nature Medicine</i> , 2001 , 7, 575-83	50.5	1346

65	Distribution of vascular endothelial growth factor (VEGF) and its binding sites at the maternal-fetal interface during gestation in pigs. <i>Reproduction</i> , 2001 , 122, 753-760	3.8	31
64	Angiogenic growth factor messenger ribonucleic acids in uterine natural killer cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1823-34	5.6	233
63	The Regulation and Localization of Angiopoietin-1, -2, and Their Receptor Tie2 in Normal and Pathologic Human Placentae. <i>Molecular Medicine</i> , 2001 , 7, 624-635	6.2	102
62	Angiogenic Growth Factor Messenger Ribonucleic Acids in Uterine Natural Killer Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1823-1834	5.6	183
61	Placental Vascular Morphogenesis: Introduction and Overview 2001 , 273-284		1
60	Placental vascular morphogenesis. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2000 , 14, 953-68	4.6	68
59	Angiogenic growth factor expression in placenta. <i>Seminars in Perinatology</i> , 2000 , 24, 82-6	3.3	16
58	Changes in Tumorigenesis- and Angiogenesis-related Gene Transcript Abundance Profiles in Ovarian Cancer Detected by Tailored High Density cDNA Arrays. <i>Molecular Medicine</i> , 2000 , 6, 750-765	6.2	92
57	The effect of progestins on vascular endothelial growth factor, oestrogen receptor and progesterone receptor immunoreactivity and endothelial cell density in human endometrium. <i>Human Reproduction</i> , 2000 , 15 Suppl 3, 85-95	5.7	64
56	Expression of vascular endothelial growth factor (VEGF) and placental growth factor (PLGF) in conceptus and endometrium during implantation in the rhesus monkey. <i>Molecular Human Reproduction</i> , 2000 , 6, 935-41	4.4	45
55	Vascular Endothelial Growth Factor Expression in Human Endometrium Is Regulated by Hypoxia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 402-409	5.6	128
54	The effect of etonogestrel on VEGF, oestrogen and progesterone receptor immunoreactivity and endothelial cell number in human endometrium. <i>Human Reproduction</i> , 1999 , 14, 3080-7	5.7	19
53	Alternative splicing of vascular endothelial growth factor (VEGF)-R1 (FLT-1) pre-mRNA is important for the regulation of VEGF activity. <i>Molecular Endocrinology</i> , 1999 , 13, 537-45		190
52	Localization of leukemia inhibitory factor and its receptor in human placenta throughout pregnancy. <i>Biology of Reproduction</i> , 1999 , 60, 355-64	3.9	111
51	Placental angiogenesis: the role of the VEGF family of proteins. <i>Angiogenesis</i> , 1998 , 2, 309-18	10.6	11
50	Vascular endothelial growth factor and corpus luteum angiogenesis. <i>Angiogenesis</i> , 1998 , 2, 119-121	10.6	2
49	Expression and localization of the Th2-type cytokine interleukin-13 and its receptor in the placenta during human pregnancy. <i>American Journal of Reproductive Immunology</i> , 1998 , 40, 283-90	3.8	44
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42	Decreased levels of the potent regulator of monocyte/macrophage activation, interleukin-13, in the peritoneal fluid of patients with endometriosis. <i>Human Reproduction</i> , 1997 , 12, 1307-10	5.7	57
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40	Localization of VEGF and expression of its receptors flt and KDR in human placenta throughout pregnancy. <i>Human Reproduction</i> , 1996 , 11, 1090-8	5.7	244
39	Characterization and expression of vascular endothelial growth factor (VEGF) in the ovine corpus luteum. <i>Reproduction</i> , 1996 , 108, 157-65	3.8	60
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30	Localization and quantification of vascular endothelial growth factor messenger ribonucleic acid in human myometrium and leiomyomata. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995 , 80, 1853-8	5.6	53

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28	Expression of vascular endothelial growth factor and its receptors flt and KDR in ovarian carcinoma. <i>Journal of the National Cancer Institute</i> , 1995 , 87, 506-16	9.7	414
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21	Extension of incomplete cDNAs (ESTs) by biotin/streptavidin-mediated walking using the polymerase chain reaction. <i>Journal of Biotechnology</i> , 1994 , 35, 205-15	3.7	2
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17	Linear amplification sequencing with dye terminators. <i>Methods in Molecular Biology</i> , 1993 , 23, 281-96	1.4	6
16	Identification and localization of alternately spliced mRNAs for vascular endothelial growth factor in human uterus and estrogen regulation in endometrial carcinoma cell lines. <i>Biology of Reproduction</i> , 1993 , 48, 1120-8	3.9	400
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