

# David Stephen Charnock-Jones

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3801753/publications.pdf>

Version: 2024-02-01

213  
papers

19,095  
citations

12330

69  
h-index

12946

131  
g-index

224  
all docs

224  
docs citations

224  
times ranked

16905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Placental energy metabolism in health and disease—significance of development and implications for preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, S928-S944.	1.3	52
2	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> , 2022, 107, e1588-e1597.	3.6	4
3	Metabolomic Identification of a Novel, Externally Validated Predictive Test for Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3479-e3486.	3.6	4
4	Placental sex-dependent spermine synthesis regulates trophoblast gene expression through acetyl-coA metabolism and histone acetylation. <i>Communications Biology</i> , 2022, 5, .	4.4	4
5	Evolutionary History of Endogenous Human Herpesvirus 6 Reflects Human Migration out of Africa. <i>Molecular Biology and Evolution</i> , 2021, 38, 96-107.	8.9	31
6	Batch effects account for the main findings of an in utero human intestinal bacterial colonization study. <i>Microbiome</i> , 2021, 9, 6.	11.1	34
7	Inherent mosaicism and extensive mutation of human placentas. <i>Nature</i> , 2021, 592, 80-85.	27.8	126
8	Slowing of fetal growth and elevated maternal serum sFLT1:PIGF are associated with early term spontaneous labor. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 520.e1-520.e10.	1.3	11
9	The RNA landscape of the human placenta in health and disease. <i>Nature Communications</i> , 2021, 12, 2639.	12.8	75
10	RNA-Seq reveals changes in human placental metabolism, transport and endocrinology across the first—second trimester transition. <i>Biology Open</i> , 2021, 10, .	1.2	18
11	4-Hydroxyglutamate is a novel predictor of pre-eclampsia. <i>International Journal of Epidemiology</i> , 2020, 49, 301-311.	1.9	31
12	Abnormal placental CD8 <sup>+</sup> T cell infiltration is a feature of fetal growth restriction and pre-eclampsia. <i>Journal of Physiology</i> , 2020, 598, 5555-5571.	2.9	23
13	Fetal inheritance of chromosomally integrated human herpesvirus 6 predisposes the mother to pre-eclampsia. <i>Nature Microbiology</i> , 2020, 5, 901-908.	13.3	29
14	A maternal serum metabolite ratio predicts fetal growth restriction at term. <i>Nature Medicine</i> , 2020, 26, 348-353.	30.7	85
15	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.	3.7	28
16	Human placenta has no microbiome but can contain potential pathogens. <i>Nature</i> , 2019, 572, 329-334.	27.8	513
17	Three-dimensional morphological analysis of placental terminal villi. <i>Interface Focus</i> , 2019, 9, 20190037.	3.0	13
18	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.	7.1	61

#	ARTICLE	IF	CITATIONS
19	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.	3.6	12
20	440: Low cortisol to cortisone ratio precedes pre-eclampsia (PE) and fetal growth restriction (FGR). <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S297.	1.3	0
21	The association between first trimester AFP to PAPP-A ratio and placentally-related adverse pregnancy outcome. <i>Placenta</i> , 2019, 81, 25-31.	1.5	29
22	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.	7.1	55
23	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.	1.5	8
24	Age at menarche and the risk of operative delivery. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 411-418.	1.5	4
25	Genome-wide oxidative bisulfite sequencing identifies sex-specific methylation differences in the human placenta. <i>Epigenetics</i> , 2018, 13, 228-239.	2.7	35
26	Screening for fetal growth restriction using fetal biometry combined with maternal biomarkers. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, S725-S737.	1.3	106
27	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.	3.6	12
28	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.	1.5	32
29	Single-Cell Analysis Identifies Thymic Maturation Delay in Growth-Restricted Neonatal Mice. <i>Frontiers in Immunology</i> , 2018, 9, 2523.	4.8	4
30	Maternal Circulating Nucleic Acids as Markers of Placental Health. , 2018, , 333-351.		0
31	Detecting eukaryotic microbiota with single-cell sensitivity in human tissue. <i>Microbiome</i> , 2018, 6, 151.	11.1	21
32	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.	3.8	36
33	Recognizing the reagent microbiome. <i>Nature Microbiology</i> , 2018, 3, 851-853.	13.3	255
34	Screening for fetal growth restriction using ultrasound and the sFLT1/PIGF ratio in nulliparous women: a prospective cohort study. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 569-581.	5.6	94
35	Placental polyamine metabolism differs by fetal sex, fetal growth restriction, and preeclampsia. <i>JCI Insight</i> , 2018, 3, .	5.0	54
36	155: Screening for late fetal growth restriction using ultrasound and the sFlt-1:PIGF ratio. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, S104.	1.3	2

#	ARTICLE	IF	CITATIONS
37	Prediction of Preeclampsia Using the Soluble fms-Like Tyrosine Kinase 1 to Placental Growth Factor Ratio. Hypertension, 2017, 69, 731-738.	2.7	105
38	RNA-seq reveals conservation of function among the yolk sacs of human, mouse, and chicken. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4753-E4761.	7.1	78
39	The pregnancy outcome prediction (POP) study: Investigating the relationship between serial prenatal ultrasonography, biomarkers, placental phenotype and adverse pregnancy outcomes. Placenta, 2017, 59, S17-S25.	1.5	58
40	Leptin Matures Aspects of Lung Structure and Function in the Ovine Fetus. Endocrinology, 2016, 157, 395-404.	2.8	24
41	Morphological and molecular changes in the murine placenta exposed to normobaric hypoxia throughout pregnancy. Journal of Physiology, 2016, 594, 1371-1388.	2.9	55
42	Age-related changes in murine myometrial transcript profile are mediated by exposure to the female sex hormones. Aging Cell, 2016, 15, 177-180.	6.7	6
43	Placental endoplasmic reticulum stress negatively regulates transcription of placental growth factor via ATF4 and ATF6 $\beta$ : implications for the pathophysiology of human pregnancy complications. Journal of Pathology, 2016, 238, 550-561.	4.5	76
44	Computational modeling of the structure-function relationship in human placental terminal villi. Journal of Biomechanics, 2016, 49, 3780-3787.	2.1	27
45	Fetus-derived DLK1 is required for maternal metabolic adaptations to pregnancy and is associated with fetal growth restriction. Nature Genetics, 2016, 48, 1473-1480.	21.4	79
46	Three-dimensional modeling of human placental terminal villi. Placenta, 2016, 43, 54-60.	1.5	51
47	The relationship between human placental morphometry and ultrasonic measurements of utero-placental blood flow and fetal growth. Placenta, 2016, 38, 41-48.	1.5	21
48	Models of endometriosis and their utility in studying progression to ovarian clear cell carcinoma. Journal of Pathology, 2016, 238, 185-196.	4.5	38
49	Placental hypoxia, endoplasmic reticulum stress and maternal endothelial sensitisation by sFLT1 in pre-eclampsia. Journal of Reproductive Immunology, 2016, 114, 81-85.	1.9	39
50	Developmental Expression and Glucocorticoid Control of the Leptin Receptor in Fetal Ovine Lung. PLoS ONE, 2015, 10, e0136115.	2.5	7
51	The Effect of an Oxytocin Receptor Antagonist (Retosiban, GSK221149A) on the Response of Human Myometrial Explants to Prolonged Mechanical Stretch. Endocrinology, 2015, 156, 3511-3516.	2.8	11
52	Energy status and HIF signalling in chorionic villi show no evidence of hypoxic stress during human early placental development. Molecular Human Reproduction, 2015, 21, 296-308.	2.8	55
53	The acute-phase protein SAA3 is present in the preterm human colostrum and breast milk. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F369.1-F371.	2.8	2
54	Differential activation of placental unfolded protein response pathways implies heterogeneity in causation of early and late onset pre-eclampsia. Journal of Pathology, 2014, 234, 262-276.	4.5	136

#	ARTICLE	IF	CITATIONS
55	Endoplasmic reticulum stress regulates placental growth factor expression in human choriocarcinoma cells. <i>Placenta</i> , 2014, 35, A80.	1.5	0
56	Influence of speed of sample processing on placental energetics and signalling pathways: Implications for tissue collection. <i>Placenta</i> , 2014, 35, 103-108.	1.5	17
57	Vasohibin-1 is identified as a master-regulator of endothelial cell apoptosis using gene network analysis. <i>BMC Genomics</i> , 2013, 14, 23.	2.8	20
58	Redefining Preeclampsia Using Placenta-Derived Biomarkers. <i>Hypertension</i> , 2013, 61, 932-942.	2.7	308
59	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-E107.	3.5	10
60	Gene network inference and visualization tools for biologists: application to new human transcriptome datasets. <i>Nucleic Acids Research</i> , 2012, 40, 2377-2398.	14.5	65
61	Endoplasmic reticulum stress disrupts placental morphogenesis: implications for human intrauterine growth restriction. <i>Journal of Pathology</i> , 2012, 228, 554-564.	4.5	79
62	A-Ring Dihalogenation Increases the Cellular Activity of Combretastatin-Templated Tetrazoles. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 177-181.	2.8	42
63	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, 2081-2093.	2.9	13
64	Increased endothelial cell selectivity of triazole-bridged dihalogenated A-ring analogues of combretastatin 1. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1749-1759.	3.0	18
65	The natural compound n-butylidenephthalide derived from the volatile oil of <i>Radix Angelica sinensis</i> inhibits angiogenesis in vitro and in vivo. <i>Angiogenesis</i> , 2011, 14, 187-197.	7.2	69
66	MMP1 bimodal expression and differential response to inflammatory mediators is linked to promoter polymorphisms. <i>BMC Genomics</i> , 2011, 12, 43.	2.8	24
67	Activation of mutated Kras in donor endometrial epithelium and stroma promotes lesion growth in an intact immunocompetent murine model of endometriosis. <i>Journal of Pathology</i> , 2011, 224, 261-269.	4.5	52
68	Ovarian clear cell carcinoma—bad endometriosis or bad endometrium?. <i>Journal of Pathology</i> , 2011, 225, 157-160.	4.5	30
69	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, 683-697.	3.0	46
70	Soluble FLT1 sensitizes endothelial cells to inflammatory cytokines by antagonizing VEGF receptor-mediated signalling. <i>Cardiovascular Research</i> , 2011, 89, 671-679.	3.8	122
71	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-G263.	3.4	72
72	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.	2.5	128

#	ARTICLE	IF	CITATIONS
73	The influence of the intrauterine environment on human placental development. <i>International Journal of Developmental Biology</i> , 2010, 54, 303-312.	0.6	254
74	VEGF-A and Serum Withdrawal Induced Changes in the Transcript Profile in Human Endometrial Endothelial Cells. <i>Reproductive Sciences</i> , 2010, 17, 590-611.	2.5	13
75	Progesterin regulates chemokine (C-X-C motif) ligand 14 transcript level in human endometrium. <i>Molecular Human Reproduction</i> , 2010, 16, 170-177.	2.8	35
76	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, 3798-3805.	3.6	16
77	Effects of Medroxyprogesterone Acetate on Gene Expression in Myometrial Explants from Pregnant Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E437-E447.	3.6	19
78	VEGF-A loss in the haematopoietic and endothelial lineages exacerbates age-induced renal changes. <i>Microvascular Research</i> , 2010, 80, 372-383.	2.5	4
79	Antivascular and anticancer activity of dihalogenated A-ring analogues of combretastatin A-4. <i>MedChemComm</i> , 2010, 1, 202.	3.4	23
80	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, 357-370.	2.6	10
81	Regulation of vascular growth and function in the human placenta. <i>Reproduction</i> , 2009, 138, 895-902.	2.6	265
82	Placental Endoplasmic Reticulum Stress and Oxidative Stress in the Pathophysiology of Unexplained Intrauterine Growth Restriction and Early Onset Preeclampsia. <i>Placenta</i> , 2009, 30, 43-48.	1.5	415
83	Analysis of PPAR $\alpha$ -dependent and PPAR $\alpha$ -independent transcript regulation following fenofibrate treatment of human endothelial cells. <i>Angiogenesis</i> , 2009, 12, 221-229.	7.2	32
84	Characterization of Serotonin Receptors in Pregnant Human Myometrium. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 682-691.	2.5	42
85	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.	0.7	4
86	Study protocol. A prospective cohort study of unselected primiparous women: the pregnancy outcome prediction study. <i>BMC Pregnancy and Childbirth</i> , 2008, 8, 51.	2.4	64
87	Endometrial-Peritoneal Interactions during Endometriotic Lesion Establishment. <i>American Journal of Pathology</i> , 2008, 173, 700-715.	3.8	155
88	Stimulation of Contractions in Human Myometrium by Serotonin is Unmasked by Smooth Muscle Relaxants. <i>Reproductive Sciences</i> , 2008, 15, 727-734.	2.5	19
89	Transcript profile and localization of Wnt signaling-related molecules in human endometrium. <i>Fertility and Sterility</i> , 2008, 90, 201-204.	1.0	20
90	Wnt5a-mediated non-canonical Wnt signalling regulates human endothelial cell proliferation and migration. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 285-290.	2.1	120

#	ARTICLE	IF	CITATIONS
91	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, 451-462.	3.8	321
92	Statistical inference of transcriptional module-based gene networks from time course gene expression profiles by using state space models. <i>Bioinformatics</i> , 2008, 24, 932-942.	4.1	87
93	Localization and Control of Expression of VEGF-A and the VEGFR-2 Receptor in Fetal Sheep Intestines. <i>Pediatric Research</i> , 2008, 63, 143-148.	2.3	18
94	UNRAVELING DYNAMIC ACTIVITIES OF AUTOCRINE PATHWAYS THAT CONTROL DRUG-RESPONSE TRANSCRIPTOME NETWORKS. , 2008, , .		4
95	The Effect of Delaying Childbirth on Primary Cesarean Section Rates. <i>PLoS Medicine</i> , 2008, 5, e144.	8.4	125
96	Quantitative Cellular and Molecular Analysis of the Effect of Progesterone Withdrawal in a Murine Model of Decidualization1. <i>Biology of Reproduction</i> , 2007, 76, 871-883.	2.7	23
97	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, 1469-1487.	4.0	38
98	Immunoneutralization of vascular endothelial growth factor inhibits pregnancy establishment in the rhesus monkey ( <i>Macaca mulatta</i> ). <i>Reproduction</i> , 2007, 133, 1199-1211.	2.6	22
99	Mifepristone induced progesterone withdrawal reveals novel regulatory pathways in human endometrium. <i>Molecular Human Reproduction</i> , 2007, 13, 641-654.	2.8	101
100	Endoplasmic reticulum stress exacerbates ischemiaâ€reperfusionâ€induced apoptosis through attenuation of Akt protein synthesis in human choriocarcinoma cells. <i>FASEB Journal</i> , 2007, 21, 872-884.	0.5	114
101	Nuclear Factor-Î²B, 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. <i>American Journal of Pathology</i> , 2007, 170, 1511-1520.	3.8	170
102	Oxidative Stress, Gene Expression, and Protein Changes Induced in the Human Placenta during Labor. <i>American Journal of Pathology</i> , 2007, 171, 1168-1179.	3.8	255
103	Human Early Placental Development: Potential Roles of the Endometrial Glands. <i>Placenta</i> , 2007, 28, S64-S69.	1.5	169
104	325: Maternal age and uterine function: A biological basis for rising rates of cesarean delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, S100.	1.3	0
105	Vascular development is disrupted by endothelial cell-specific expression of the anti-apoptotic protein Bcl-2. <i>Angiogenesis</i> , 2007, 10, 55-68.	7.2	16
106	Vascular development in embryoid bodies: quantification of transgenic intervention and antiangiogenic treatment. <i>Angiogenesis</i> , 2007, 10, 217-226.	7.2	6
107	Working with Oxygen and Oxidative Stress In Vitro. , 2006, 122, 413-426.		10
108	Menstrual effluent in endometriosis shows no difference in volume, VEGF-A, MMP2 and MMP9 or sFLT. <i>Reproductive BioMedicine Online</i> , 2006, 12, 174-181.	2.4	14

#	ARTICLE	IF	CITATIONS
109	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.	19.2	81
110	Reduced levels of VEGF-A and MMP-2 and MMP-9 activity and increased TNF- $\hat{\pm}$ in menstrual endometrium and effluent in women with menorrhagia. <i>Human Reproduction</i> , 2006, 21, 2158-2166.	0.9	58
111	Changes in Gene Expression during Wolffian Duct Development. <i>Hormone Research in Paediatrics</i> , 2006, 65, 200-209.	1.8	14
112	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.	0.9	0
113	Vascular growth and modelling in the endometrium. , 2005, , 61-69.		0
114	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, 8585-8590.	7.1	108
115	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, 350-358.	0.9	55
116	Intraovarian actions of anti-angiogenic agents disrupt periovulatory events during the menstrual cycle in monkeys. <i>Contraception</i> , 2005, 71, 239-248.	1.5	41
117	Novel antiangiogenic agents for use in contraception. <i>Contraception</i> , 2005, 71, 263-271.	1.5	22
118	Endothelial cells preparing to die by apoptosis initiate a program of transcriptome and glycome regulation. <i>FASEB Journal</i> , 2004, 18, 188-190.	0.5	35
119	Independent component analysis of microarray data in the study of endometrial cancer. <i>Oncogene</i> , 2004, 23, 6677-6683.	5.9	97
120	Aspects of Human Fetoplacental Vasculogenesis and Angiogenesis. I. Molecular Regulation. <i>Placenta</i> , 2004, 25, 103-113.	1.5	304
121	Aspects of Human Fetoplacental Vasculogenesis and Angiogenesis. II. Changes During Normal Pregnancy. <i>Placenta</i> , 2004, 25, 114-126.	1.5	372
122	Aspects of Human Fetoplacental Vasculogenesis and Angiogenesis. III. Changes in Complicated Pregnancies. <i>Placenta</i> , 2004, 25, 127-139.	1.5	290
123	Localization of the VEGF and angiopoietin genes in uterine carcinosarcoma. <i>Gynecologic Oncology</i> , 2004, 95, 474-482.	1.4	26
124	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, 143-156.	7.2	29
125	Secretion of Tumor Necrosis Factor- $\hat{\pm}$ from Human Placental Tissues Induced by Hypoxia-Reoxygenation Causes Endothelial Cell Activation in Vitro. <i>American Journal of Pathology</i> , 2004, 164, 1049-1061.	3.8	190
126	Transcriptome analysis of endometrial cancer identifies peroxisome proliferator-activated receptors as potential therapeutic targets. <i>Molecular Cancer Therapeutics</i> , 2004, 3, 993-1001.	4.1	18



#	ARTICLE	IF	CITATIONS
127	Generation and use of a tailored gene array to investigate vascular biology. <i>Angiogenesis</i> , 2003, 6, 93-104.	7.2	14
128	Intralobular Differences in Antioxidant Enzyme Expression and Activity Reflect the Pattern of Maternal Arterial Bloodflow Within the Human Placenta. <i>Placenta</i> , 2003, 24, 517-523.	1.5	67
129	Wnt-1 signaling inhibits human umbilical vein endothelial cell proliferation and alters cell morphology. <i>Experimental Cell Research</i> , 2003, , .	2.6	0
130	Determination of the transcript profile of human endometrium. <i>Molecular Human Reproduction</i> , 2003, 9, 19-33.	2.8	300
131	Wnt-1 signaling inhibits human umbilical vein endothelial cell proliferation and alters cell morphology. <i>Experimental Cell Research</i> , 2003, 291, 415-425.	2.6	57
132	Inhibition of breast carcinoma and trophoblast cell invasiveness by vascular endothelial growth factor $\alpha_1$ ††This study was supported by grants from the Heart and Stroke Foundation of Ontario (T-3361) and the Canadian Institutes of Health Research (MT-15021) awarded to CHG. TEF was the recipient of a Joint Heart and Stroke Foundation of Canada (HSFC)/Medical Research Council of Canada (MRC) Doctoral Studentship, CHG was a Research Scholar of the Heart and Stroke Foundation of Canada and GEL was a Post-Doctoral. <i>Experimental Cell Research</i> , 2003, 283, 247-255.	2.6	34
133	Vascular endothelial growth factor-D is an independent prognostic factor in epithelial ovarian carcinoma. <i>British Journal of Cancer</i> , 2003, 88, 237-244.	6.4	138
134	The effect of RU486 on the gene expression profile in an endometrial explant model. <i>Molecular Human Reproduction</i> , 2003, 9, 465-473.	2.8	40
135	Antiangiogenic Agents Are Effective Inhibitors of Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2889-2899.	3.6	233
136	Soluble Vascular Endothelial Growth Factor Receptor 1 Inhibits Edema and Epithelial Proliferation Induced by 17 $\beta$ -Estradiol in the Mouse Uterus. <i>Endocrinology</i> , 2003, 144, 326-334.	2.8	50
137	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.	1.2	13
138	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.	7.0	98
139	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, 448-452.	3.9	112
140	Expression of CD105 (endoglin) in arteriolar endothelial cells of human endometrium throughout the menstrual cycle. <i>Reproduction</i> , 2002, 124, 703-711.	2.6	24
141	Hypoxia-Reoxygenation. <i>Circulation Research</i> , 2002, 90, 1274-1281.	4.5	354
142	A longitudinal study of biochemical variables in women at risk of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 127-136.	1.3	304
143	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, 777-784.	1.3	186
144	vavCre Transgenic mice: A tool for mutagenesis in hematopoietic and endothelial lineages. <i>Genesis</i> , 2002, 34, 251-256.	1.6	189

#	ARTICLE	IF	CITATIONS
145	Soluble flt-1 and the angiopoietins in the development and regulation of placental vasculature*. Journal of Anatomy, 2002, 200, 607-615.	1.5	40
146	Placental Vessel Adaptation During Gestation and to High Altitude: Changes in Diameter and Perivascular Cell Coverage. Placenta, 2002, 23, 751-762.	1.5	34
147	Angiogenesis and Vascular Endothelial Growth Factor (VEGF) in Reproduction. , 2002, , 115-128.		0
148	The Regulation and Localization of Angiopoietin-1, -2, and Their Receptor Tie2 in Normal and Pathologic Human Placentae. Molecular Medicine, 2001, 7, 624-635.	4.4	113
149	Synergism between vascular endothelial growth factor and placental growth factor contributes to angiogenesis and plasma extravasation in pathological conditions. Nature Medicine, 2001, 7, 575-583.	30.7	1,484
150	Distribution of vascular endothelial growth factor (VEGF) and its binding sites at the maternal-fetal interface during gestation in pigs. Reproduction, 2001, 122, 753-760.	2.6	39
151	Angiogenic Growth Factor Messenger Ribonucleic Acids in Uterine Natural Killer Cells1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1823-1834.	3.6	259
152	Placental Vascular Morphogenesis: Introduction and Overview. , 2001, , 273-284.		1
153	Angiogenic Growth Factor Messenger Ribonucleic Acids in Uterine Natural Killer Cells. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1823-1834.	3.6	199
154	Placental vascular morphogenesis. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2000, 14, 953-968.	2.8	78
155	Angiogenic growth factor expression in placenta. Seminars in Perinatology, 2000, 24, 82-86.	2.5	17
156	Changes in Tumorigenesis- and Angiogenesis-related Gene Transcript Abundance Profiles in Ovarian Cancer Detected by Tailored High Density cDNA Arrays. Molecular Medicine, 2000, 6, 750-765.	4.4	100
157	The effect of progestins on vascular endothelial growth factor, oestrogen receptor and progesterone receptor immunoreactivity and endothelial cell density in human endometrium. Human Reproduction, 2000, 15, 85-95.	0.9	73
158	Expression of vascular endothelial growth factor (VEGF) and placental growth factor (PlGF) in conceptus and endometrium during implantation in the rhesus monkey. Molecular Human Reproduction, 2000, 6, 935-941.	2.8	59
159	Vascular Endothelial Growth Factor Expression in Human Endometrium Is Regulated by Hypoxia. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 402-409.	3.6	132
160	The effect of etonogestrel on VEGF, oestrogen and progesterone receptor immunoreactivity and endothelial cell number in human endometrium. Human Reproduction, 1999, 14, 3080-3087.	0.9	23
161	Alternative Splicing of Vascular Endothelial Growth Factor (VEGF)-R1 (FLT-1) pre-mRNA Is Important for the Regulation of VEGF Activity. Molecular Endocrinology, 1999, 13, 537-545.	3.7	207
162	Localization of Leukemia Inhibitory Factor and Its Receptor in Human Placenta Throughout Pregnancy1. Biology of Reproduction, 1999, 60, 355-364.	2.7	119

#	ARTICLE	IF	CITATIONS
163	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, 537-545.	3.7	46
164	Placental angiogenesis: the role of the VEGF family of proteins. , 1998, 2, 309-318.		11
165	Vascular endothelial growth factor and corpus luteum angiogenesis. <i>Angiogenesis</i> , 1998, 2, 119-121.	7.2	2
166	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, 283-290.	1.2	49
167	Hepatocyte growth factor levels during normal and intra-uterine growth-restricted pregnancies. <i>Placenta</i> , 1998, 19, 671-673.	1.5	22
168	Comparison of expression patterns for placenta growth factor, vascular endothelial growth factor (VEGF), VEGF-B and VEGF-C in the human placenta throughout gestation. <i>Journal of Endocrinology</i> , 1998, 159, 459-467.	2.6	179
169	A Vascular Endothelial Growth Factor Antagonist Is Produced by the Human Placenta and Released into the Maternal Circulation1. <i>Biology of Reproduction</i> , 1998, 59, 1540-1548.	2.7	367
170	In-vivo gene transfer to the uterine endometrium. <i>Human Reproduction</i> , 1997, 12, 17-20.	0.9	32
171	Cyclooxygenase-1 and -2 in human placenta and placental bed after normal and pre-eclamptic pregnancies. <i>Human Reproduction</i> , 1997, 12, 2313-2320.	0.9	45
172	Immunolocalization of the apoptosis regulating proteins Bcl-2 and Bax in human endometrium and isolated peritoneal fluid macrophages in endometriosis. <i>Human Reproduction</i> , 1997, 12, 146-152.	0.9	81
173	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, 1307-1310.	0.9	62
174	Distribution of the A and B forms of the progesterone receptor messenger ribonucleic acid and protein in uterine leiomyomata and adjacent myometrium. <i>Human Reproduction</i> , 1997, 12, 815-822.	0.9	97
175	Characterization and expression of vascular endothelial growth factor (VEGF) in the ovine corpus luteum. <i>Reproduction</i> , 1996, 108, 157-165.	2.6	71
176	Cloning, expression and genomic organization of human placental protein disulfide isomerase (previously identified as phospholipase C alpha). <i>International Journal of Biochemistry and Cell Biology</i> , 1996, 28, 81-89.	2.8	10
177	Vascular endothelial growth factor (VEGF) concentrations are elevated in peritoneal fluid of women with endometriosis. <i>Human Reproduction</i> , 1996, 11, 220-223.	0.9	321
178	Hepatocyte growth factor/scatter factor and its receptor c-met: localisation and expression in the human placenta throughout pregnancy. <i>Journal of Endocrinology</i> , 1996, 151, 459-467.	2.6	50
179	Vascular endothelial growth factor is produced by peritoneal fluid macrophages in endometriosis and is regulated by ovarian steroids.. <i>Journal of Clinical Investigation</i> , 1996, 98, 482-489.	8.2	422
180	Expression of prostacyclin and thromboxane synthases in placenta and placental bed after pre-eclamptic pregnancies. <i>Placenta</i> , 1996, 17, 573-581.	1.5	16

#	ARTICLE	IF	CITATIONS
181	<b>Maternal plasma levels of vascular endothelial growth factor in normotensive pregnancies and in pregnancies complicated by pre-eclampsia</b>. European Journal of Clinical Investigation, 1996, 26, 1182-1185.	3.4	125
182	VEGF mRNA levels in placentae from pregnancies complicated by pre-eclampsia. BJOG: an International Journal of Obstetrics and Gynaecology, 1996, 103, 1191-1196.	2.3	135
183	Messenger RNA encoding thiol protein disulphide isomerase in amnion, chorion and placenta in human term and preterm labour. BJOG: an International Journal of Obstetrics and Gynaecology, 1996, 103, 873-878.	2.3	9
184	Localization of VEGF and expression of its receptors flit and KDR in human placenta throughout pregnancy. Human Reproduction, 1996, 11, 1090-1098.	0.9	272
185	Localization of vascular endothelial growth factor and its receptor, flt, in human placenta and decidua by immunohistochemistry. Reproduction, 1995, 105, 205-213.	2.6	112
186	Localization and quantification of vascular endothelial growth factor messenger ribonucleic acid in human myometrium and leiomyomata.. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 1853-1858.	3.6	61
187	Stage-Specific Expression of Cytokine and Receptor Messenger Ribonucleic Acids in Human Preimplantation Embryos1. Biology of Reproduction, 1995, 53, 974-981.	2.7	211
188	Expression of Vascular Endothelial Growth Factor and Its Receptors flt and KDR in Ovarian Carcinoma. Journal of the National Cancer Institute, 1995, 87, 506-516.	6.3	462
189	Localization and quantification of vascular endothelial growth factor messenger ribonucleic acid in human myometrium and leiomyomata. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 1853-1858.	3.6	44
190	Quantification of messenger ribonucleic acid for epidermal growth factor in human myometrium and leiomyomata using reverse transcriptase polymerase chain reaction.. Journal of Clinical Endocrinology and Metabolism, 1994, 78, 1179-1184.	3.6	65
191	Vascular Endothelial Growth Factor Receptor Localization and Activation in Human Trophoblast and Choriocarcinoma Cells1. Biology of Reproduction, 1994, 51, 524-530.	2.7	232
192	Leukaemia inhibitory factor mRNA concentration peaks in human endometrium at the time of implantation and the blastocyst contains mRNA for the receptor at this time. Reproduction, 1994, 101, 421-426.	2.6	259
193	Quantification of mRNA in Human Tissue Using Fluorescent Nested Reverse-Transcriptase Polymerase Chain Reaction. Analytical Biochemistry, 1994, 220, 384-390.	2.4	21
194	Extension of incomplete cDNAs (ESTs) by biotin/streptavidin-mediated walking using the polymerase chain reaction. Journal of Biotechnology, 1994, 35, 205-215.	3.8	3
195	Quantification of messenger ribonucleic acid for epidermal growth factor in human myometrium and leiomyomata using reverse transcriptase polymerase chain reaction. Journal of Clinical Endocrinology and Metabolism, 1994, 78, 1179-1184.	3.6	53
196	Alternatively Spliced mRNAs for Human Endothelin-2 and Their Tissue Distribution. Biochemical and Biophysical Research Communications, 1993, 193, 834-840.	2.1	33
197	Linear Amplification Sequencing with Dye Terminators. , 1993, 23, 281-296.		6
198	Identification and Localization of Alternately Spliced mRNAs for Vascular Endothelial Growth Factor in Human Uterus and Estrogen Regulation in Endometrial Carcinoma Cell Lines1. Biology of Reproduction, 1993, 48, 1120-1128.	2.7	433

#	ARTICLE	IF	CITATIONS
199	Expression of mRNA for vascular endothelial growth factor in human placenta. <i>Reproduction</i> , 1993, 99, 609-615.	2.6	207
200	Immunohistochemical localization of acidic and basic fibroblast growth factors in normal human endometrium and endometriosis and the detection of their mRNA by polymerase chain reaction. <i>Human Reproduction</i> , 1993, 8, 11-16.	0.9	120
201	Expression of messenger RNA for kit-ligand in human placenta: localization by in situ hybridization and identification of alternatively spliced variants.. <i>Molecular Endocrinology</i> , 1992, 6, 1235-1241.	3.7	21
202	New protocols for DNA sequencing with dye terminators. <i>DNA Sequence</i> , 1992, 3, 61-64.	0.7	59
203	Presence of messenger ribonucleic acid for endothelin-1, endothelin-2, and endothelin-3 in human endometrium and a change in the ratio of ETA and ETB receptor subtype across the menstrual cycle.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 75, 1545-1549.	3.6	67
204	Presence of messenger ribonucleic acid for endothelin-1, endothelin-2, and endothelin-3 in human endometrium and a change in the ratio of ETA and ETB receptor subtype across the menstrual cycle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 75, 1545-1549.	3.6	50
205	Identification of mRNA for epidermal growth factor and transforming growth factor- $\beta$ present in low copy number in human endometrium and decidua using reverse transcriptase-polymerase chain reaction. <i>Journal of Molecular Endocrinology</i> , 1991, 6, 207-214.	2.5	61
206	Cloning and characterization of a gene encoding pig epidermal growth factor. <i>Journal of Molecular Endocrinology</i> , 1991, 6, 63-70.	2.5	31
207	Fluorescent and radioactive solid phase dideoxy sequencing of per products in microtitre plates. <i>DNA Sequence</i> , 1991, 1, 279-283.	0.7	13
208	Luteal oxytocin: characteristics and control of synchronous episodes of oxytocin and PGF $_{2\beta}$ secretion at luteolysis in ruminants. <i>Domestic Animal Endocrinology</i> , 1990, 7, 111-124.	1.6	61
209	Nucleotide sequence of a full length cDNA clone encoding the oxytocin-neurophysin I precursor isolated from the ovine corpus luteum. <i>Nucleic Acids Research</i> , 1989, 17, 7990-7990.	14.5	6
210	A rapid semi-automated microtiter plate method for analysis and sequencing by PCR from bacterial stocks. <i>Nucleic Acids Research</i> , 1989, 17, 9498-9498.	14.5	20
211	Does the human corpus luteum synthesize neurohypophysial hormones?. <i>Journal of Endocrinology</i> , 1988, 116, 163-165.	2.6	19
212	Concentrations of oxytocin-neurophysin prohormone mRNA in corpora lutea of sheep during the oestrous cycle and in early pregnancy. <i>Journal of Endocrinology</i> , 1988, 117, 409-414.	2.6	42
213	The contribution of recombinant DNA techniques to reproductive biology. <i>Reproduction</i> , 1988, 83, 1-57.	2.6	13