

David Stephen Charnock-Jones

List of Publications by Year in descending order

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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	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, 575-583.	30.7	1,484
2	Human placenta has no microbiome but can contain potential pathogens. <i>Nature</i> , 2019, 572, 329-334.	27.8	513
3	Expression of Vascular Endothelial Growth Factor and Its Receptors flit and KDR in Ovarian Carcinoma. <i>Journal of the National Cancer Institute</i> , 1995, 87, 506-516.	6.3	462
4	Identification and Localization of Alternately Spliced mRNAs for Vascular Endothelial Growth Factor in Human Uterus and Estrogen Regulation in Endometrial Carcinoma Cell Lines1. <i>Biology of Reproduction</i> , 1993, 48, 1120-1128.	2.7	433
5	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
6	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
7	Aspects of Human Fetoplacental Vasculogenesis and Angiogenesis. II. Changes During Normal Pregnancy. <i>Placenta</i> , 2004, 25, 114-126.	1.5	372
8	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
9	Hypoxia-Reoxygenation. <i>Circulation Research</i> , 2002, 90, 1274-1281.	4.5	354
10	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
11	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
12	Redefining Preeclampsia Using Placenta-Derived Biomarkers. <i>Hypertension</i> , 2013, 61, 932-942.	2.7	308
13	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
14	Aspects of Human Fetoplacental Vasculogenesis and Angiogenesis. I. Molecular Regulation. <i>Placenta</i> , 2004, 25, 103-113.	1.5	304
15	Determination of the transcript profile of human endometrium. <i>Molecular Human Reproduction</i> , 2003, 9, 19-33.	2.8	300
16	Aspects of Human Fetoplacental Vasculogenesis and Angiogenesis. III. Changes in Complicated Pregnancies. <i>Placenta</i> , 2004, 25, 127-139.	1.5	290
17	Localization of VEGF and expression of its receptors flit and KDR in human placenta throughout pregnancy. <i>Human Reproduction</i> , 1996, 11, 1090-1098.	0.9	272
18	Regulation of vascular growth and function in the human placenta. <i>Reproduction</i> , 2009, 138, 895-902.	2.6	265

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19	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. <i>Reproduction</i> , 1994, 101, 421-426.	2.6	259
20	Angiogenic Growth Factor Messenger Ribonucleic Acids in Uterine Natural Killer Cells1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1823-1834.	3.6	259
21	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
22	Recognizing the reagent microbiome. <i>Nature Microbiology</i> , 2018, 3, 851-853.	13.3	255
23	The influence of the intrauterine environment on human placental development. <i>International Journal of Developmental Biology</i> , 2010, 54, 303-312.	0.6	254
24	Antiangiogenic Agents Are Effective Inhibitors of Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2889-2899.	3.6	233
25	Vascular Endothelial Growth Factor Receptor Localization and Activation in Human Trophoblast and Choriocarcinoma Cells1. <i>Biology of Reproduction</i> , 1994, 51, 524-530.	2.7	232
26	Stage-Specific Expression of Cytokine and Receptor Messenger Ribonucleic Acids in Human Preimplantation Embryos1. <i>Biology of Reproduction</i> , 1995, 53, 974-981.	2.7	211
27	Expression of mRNA for vascular endothelial growth factor in human placenta. <i>Reproduction</i> , 1993, 99, 609-615.	2.6	207
28	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	207
29	Angiogenic Growth Factor Messenger Ribonucleic Acids in Uterine Natural Killer Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1823-1834.	3.6	199
30	Secretion of Tumor Necrosis Factor- α 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
31	vavCre Transgenic mice: A tool for mutagenesis in hematopoietic and endothelial lineages. <i>Genesis</i> , 2002, 34, 251-256.	1.6	189
32	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
33	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
34	Nuclear Factor- κ 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. <i>American Journal of Pathology</i> , 2007, 170, 1511-1520.	3.8	170
35	Human Early Placental Development: Potential Roles of the Endometrial Glands. <i>Placenta</i> , 2007, 28, S64-S69.	1.5	169
36	Endometrial-Peritoneal Interactions during Endometriotic Lesion Establishment. <i>American Journal of Pathology</i> , 2008, 173, 700-715.	3.8	155

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37	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
38	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, 262-276.	4.5	136
39	VEGF mRNA levels in placentae from pregnancies complicated by pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1996, 103, 1191-1196.	2.3	135
40	Vascular Endothelial Growth Factor Expression in Human Endometrium Is Regulated by Hypoxia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 402-409.	3.6	132
41	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
42	Inherent mosaicism and extensive mutation of human placentas. <i>Nature</i> , 2021, 592, 80-85.	27.8	126
43	Maternal plasma levels of vascular endothelial growth factor in normotensive pregnancies and in pregnancies complicated by pre-eclampsia. <i>European Journal of Clinical Investigation</i> , 1996, 26, 1182-1185.	3.4	125
44	The Effect of Delaying Childbirth on Primary Cesarean Section Rates. <i>PLoS Medicine</i> , 2008, 5, e144.	8.4	125
45	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
46	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
47	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
48	Localization of Leukemia Inhibitory Factor and Its Receptor in Human Placenta Throughout Pregnancy. <i>Biology of Reproduction</i> , 1999, 60, 355-364.	2.7	119
49	Endoplasmic reticulum stress exacerbates ischemia-reperfusion-induced apoptosis through attenuation of Akt protein synthesis in human choriocarcinoma cells. <i>FASEB Journal</i> , 2007, 21, 872-884.	0.5	114
50	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.	4.4	113
51	Localization of vascular endothelial growth factor and its receptor, flt, in human placenta and decidua by immunohistochemistry. <i>Reproduction</i> , 1995, 105, 205-213.	2.6	112
52	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
53	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
54	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

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55	Prediction of Preeclampsia Using the Soluble fms-Like Tyrosine Kinase 1 to Placental Growth Factor Ratio. <i>Hypertension</i> , 2017, 69, 731-738.	2.7	105
56	Mifepristone induced progesterone withdrawal reveals novel regulatory pathways in human endometrium. <i>Molecular Human Reproduction</i> , 2007, 13, 641-654.	2.8	101
57	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.	4.4	100
58	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
59	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
60	Independent component analysis of microarray data in the study of endometrial cancer. <i>Oncogene</i> , 2004, 23, 6677-6683.	5.9	97
61	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.	5.6	94
62	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
63	A maternal serum metabolite ratio predicts fetal growth restriction at term. <i>Nature Medicine</i> , 2020, 26, 348-353.	30.7	85
64	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
65	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
66	Endoplasmic reticulum stress disrupts placental morphogenesis: implications for human intrauterine growth restriction. <i>Journal of Pathology</i> , 2012, 228, 554-564.	4.5	79
67	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.	21.4	79
68	Placental vascular morphogenesis. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2000, 14, 953-968.	2.8	78
69	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.	7.1	78
70	Placental endoplasmic reticulum stress negatively regulates transcription of placental growth factor via ATF4 and ATF6 β : implications for the pathophysiology of human pregnancy complications. <i>Journal of Pathology</i> , 2016, 238, 550-561.	4.5	76
71	The RNA landscape of the human placenta in health and disease. <i>Nature Communications</i> , 2021, 12, 2639.	12.8	75
72	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, 85-95.	0.9	73

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73	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
74	Characterization and expression of vascular endothelial growth factor (VEGF) in the ovine corpus luteum. <i>Reproduction</i> , 1996, 108, 157-165.	2.6	71
75	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
76	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
77	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
78	Quantification of messenger ribonucleic acid for epidermal growth factor in human myometrium and leiomyomata using reverse transcriptase polymerase chain reaction.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 78, 1179-1184.	3.6	65
79	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
80	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
81	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
82	Luteal oxytocin: characteristics and control of synchronous episodes of oxytocin and PGF ₂ secretion at luteolysis in ruminants. <i>Domestic Animal Endocrinology</i> , 1990, 7, 111-124.	1.6	61
83	Identification of mRNA for epidermal growth factor and transforming growth factor- β 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
84	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, 1853-1858.	3.6	61
85	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
86	New protocols for DNA sequencing with dye terminators. <i>DNA Sequence</i> , 1992, 3, 61-64.	0.7	59
87	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, 935-941.	2.8	59
88	Reduced levels of VEGF-A and MMP-2 and MMP-9 activity and increased TNF- β in menstrual endometrium and effluent in women with menorrhagia. <i>Human Reproduction</i> , 2006, 21, 2158-2166.	0.9	58
89	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.	1.5	58
90	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

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91	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
92	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.	2.8	55
93	Morphological and molecular changes in the murine placenta exposed to normobaric hypoxia throughout pregnancy. <i>Journal of Physiology</i> , 2016, 594, 1371-1388.	2.9	55
94	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
95	Placental polyamine metabolism differs by fetal sex, fetal growth restriction, and preeclampsia. <i>JCI Insight</i> , 2018, 3, .	5.0	54
96	Quantification of messenger ribonucleic acid for epidermal growth factor in human myometrium and leiomyomata using reverse transcriptase polymerase chain reaction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 78, 1179-1184.	3.6	53
97	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
98	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
99	Three-dimensional modeling of human placental terminal villi. <i>Placenta</i> , 2016, 43, 54-60.	1.5	51
100	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
101	Soluble Vascular Endothelial Growth Factor Receptor 1 Inhibits Edema and Epithelial Proliferation Induced by 17 β -Estradiol in the Mouse Uterus. <i>Endocrinology</i> , 2003, 144, 326-334.	2.8	50
102	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
103	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
104	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
105	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
106	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
107	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, 1853-1858.	3.6	44
108	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

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109	Characterization of Serotonin Receptors in Pregnant Human Myometrium. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 682-691.	2.5	42
110	A-Ring Dihalogenation Increases the Cellular Activity of Combretastatin-Templated Tetrazoles. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 177-181.	2.8	42
111	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
112	Soluble flt-1 and the angiopoietins in the development and regulation of placental vasculature*. <i>Journal of Anatomy</i> , 2002, 200, 607-615.	1.5	40
113	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
114	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.	2.6	39
115	Placental hypoxia, endoplasmic reticulum stress and maternal endothelial sensitisation by sFLT1 in pre-eclampsia. <i>Journal of Reproductive Immunology</i> , 2016, 114, 81-85.	1.9	39
116	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
117	Models of endometriosis and their utility in studying progression to ovarian clear cell carcinoma. <i>Journal of Pathology</i> , 2016, 238, 185-196.	4.5	38
118	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
119	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
120	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
121	Genome-wide oxidative bisulfite sequencing identifies sex-specific methylation differences in the human placenta. <i>Epigenetics</i> , 2018, 13, 228-239.	2.7	35
122	Inhibition of breast carcinoma and trophoblast cell invasiveness by vascular endothelial growth factor $\alpha_1\alpha_2$ ††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
123	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
124	Placental Vessel Adaptation During Gestation and to High Altitude: Changes in Diameter and Perivascular Cell Coverage. <i>Placenta</i> , 2002, 23, 751-762.	1.5	34
125	Alternatively Spliced mRNAs for Human Endothelin-2 and Their Tissue Distribution. <i>Biochemical and Biophysical Research Communications</i> , 1993, 193, 834-840.	2.1	33
126	In-vivo gene transfer to the uterine endometrium. <i>Human Reproduction</i> , 1997, 12, 17-20.	0.9	32

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127	Analysis of PPAR α -dependent and PPAR α -independent transcript regulation following fenofibrate treatment of human endothelial cells. <i>Angiogenesis</i> , 2009, 12, 221-229.	7.2	32
128	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
129	Cloning and characterization of a gene encoding pig epidermal growth factor. <i>Journal of Molecular Endocrinology</i> , 1991, 6, 63-70.	2.5	31
130	4-Hydroxyglutamate is a novel predictor of pre-eclampsia. <i>International Journal of Epidemiology</i> , 2020, 49, 301-311.	1.9	31
131	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
132	Ovarian clear cell carcinoma – bad endometriosis or bad endometrium?. <i>Journal of Pathology</i> , 2011, 225, 157-160.	4.5	30
133	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
134	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
135	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
136	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
137	Computational modeling of the structure-function relationship in human placental terminal villi. <i>Journal of Biomechanics</i> , 2016, 49, 3780-3787.	2.1	27
138	Localization of the VEGF and angiopoietin genes in uterine carcinosarcoma. <i>Gynecologic Oncology</i> , 2004, 95, 474-482.	1.4	26
139	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
140	MMP1 bimodal expression and differential response to inflammatory mediators is linked to promoter polymorphisms. <i>BMC Genomics</i> , 2011, 12, 43.	2.8	24
141	Leptin Matures Aspects of Lung Structure and Function in the Ovine Fetus. <i>Endocrinology</i> , 2016, 157, 395-404.	2.8	24
142	The effect of etonogestrel on VEGF, oestrogen and progesterone receptor immunoreactivity and endothelial cell number in human endometrium. <i>Human Reproduction</i> , 1999, 14, 3080-3087.	0.9	23
143	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
144	Antivascular and anticancer activity of dihalogenated A-ring analogues of combretastatin A-4. <i>MedChemComm</i> , 2010, 1, 202.	3.4	23

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