

Stephen K Smith

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95 papers	5,257 citations	42 h-index	72 g-index
98 ext. papers	5,555 ext. citations	6.7 avg, IF	5.15 L-index

#	Paper	IF	Citations
95	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
94	A vascular endothelial growth factor antagonist is produced by the human placenta and released into the maternal circulation. <i>Biology of Reproduction</i> , 1998 , 59, 1540-8	3.9	325
93	Determination of the transcript profile of human endometrium. <i>Molecular Human Reproduction</i> , 2003 , 9, 19-33	4.4	247
92	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
91	Angiogenic agents are effective inhibitors of endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 2889-99	5.6	213
90	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
89	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
88	Stage-specific expression of cytokine and receptor messenger ribonucleic acids in human preimplantation embryos. <i>Biology of Reproduction</i> , 1995 , 53, 974-81	3.9	182
87	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, 459-67	4.7	166
86	Regulation of angiogenesis in the endometrium. <i>Trends in Endocrinology and Metabolism</i> , 2001 , 12, 147-51	5.8	152
85	VavCre transgenic mice: a tool for mutagenesis in hematopoietic and endothelial lineages. <i>Genesis</i> , 2002 , 34, 251-6	1.9	144
84	The endometrium as a cause of implantation failure. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2003 , 17, 289-307	4.6	132
83	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
82	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
81	Endometrial-peritoneal interactions during endometriotic lesion establishment. <i>American Journal of Pathology</i> , 2008 , 173, 700-15	5.8	121
80	VEGF mRNA levels in placentae from pregnancies complicated by pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1996 , 103, 1191-6	3.7	120
79	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

78	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
77	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
76	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
75	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
74	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
73	Mifepristone induced progesterone withdrawal reveals novel regulatory pathways in human endometrium. <i>Molecular Human Reproduction</i> , 2007 , 13, 641-54	4.4	88
72	Independent component analysis of microarray data in the study of endometrial cancer. <i>Oncogene</i> , 2004 , 23, 6677-83	9.2	84
71	Hepatocyte growth factor stimulates motility, chemotaxis and mitogenesis in ovarian carcinoma cells expressing high levels of c-met. <i>International Journal of Cancer</i> , 1997 , 73, 151-5	7.5	67
70	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
69	Identification of genes regulated by interleukin-1beta in human endometrial stromal cells. <i>Reproduction</i> , 2005 , 130, 721-9	3.8	64
68	Colocalization of acidic and basic fibroblast growth factor (FGF) in human placenta and the cellular effects of bFGF in trophoblast cell line JEG-3. <i>Growth Factors</i> , 1994 , 10, 259-68	1.6	60
67	The effects of potassium channel openers on isolated pregnant human myometrium before and after the onset of labor: potential for tocolysis. <i>American Journal of Obstetrics and Gynecology</i> , 1993 , 169, 1277-85	6.4	59
66	Relationship Between Nitric Oxide Synthesis and Increase in Systolic Blood Pressure in Women with Hypertension in Pregnancy. <i>Hypertension in Pregnancy</i> , 1993 , 12, 85-92	2	59
65	Role and regulation of the serum- and glucocorticoid-regulated kinase 1 in fertile and infertile human endometrium. <i>Endocrinology</i> , 2007 , 148, 5020-9	4.8	58
64	A decomposition model to track gene expression signatures: preview on observer-independent classification of ovarian cancer. <i>Bioinformatics</i> , 2002 , 18, 1617-24	7.2	55
63	Ca ²⁺ dependence and pharmacology of large-conductance K ⁺ channels in nonlabor and labor human uterine myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 1997 , 273, C1721-31	5.4	54
62	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
61	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

60	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
59	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	5.6	47
58	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
57	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
56	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
55	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
54	Hepatocyte growth factor (HGF) in ovarian epithelial tumour fluids stimulates the migration of ovarian carcinoma cells. <i>International Journal of Cancer</i> , 1999 , 83, 476-80	7.5	42
53	Activation of large-conductance potassium channels in pregnant human myometrium by pinacidil. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 1027-34	6.4	37
52	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
51	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
50	Soluble factors from human endometrium promote angiogenesis and regulate the endothelial cell transcriptome. <i>Human Reproduction</i> , 2004 , 19, 2356-66	5.7	30
49	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
48	Progestin 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
47	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
46	Localization of the VEGF and angiopoietin genes in uterine carcinosarcoma. <i>Gynecologic Oncology</i> , 2004 , 95, 474-82	4.9	22
45	Angiogenesis. <i>Seminars in Reproductive Medicine</i> , 1997 , 15, 221-7	1.4	21
44	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
43	Novel antiangiogenic agents for use in contraception. <i>Contraception</i> , 2005 , 71, 263-71	2.5	20

42	Transcript profile and localization of Wnt signaling-related molecules in human endometrium. <i>Fertility and Sterility</i> , 2008 , 90, 201-4	4.8	18
41	Platelet-activating factor mediates phosphatidylcholine hydrolysis by phospholipase D in human endometrium. <i>Biology of Reproduction</i> , 1992 , 47, 59-65	3.9	17
40	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
39	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
38	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
37	Generation and use of a tailored gene array to investigate vascular biology. <i>Angiogenesis</i> , 2003 , 6, 93-104	10.6	12
36	The value of Academic Health Science Centres for UK medicine. <i>Lancet, The</i> , 2009 , 373, 1056-8	4.0	9
35	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, 81-9	5.6	9
34	The endometrium: prostaglandins and intracellular signalling at implantation. <i>Baillieres Clinical Obstetrics and Gynaecology</i> , 1992 , 6, 731-54		9
33	Oestradiol-17 beta modulates PAF-evoked phospholipase D activity but not inositide-lipid hydrolysis in human endometrial cell line, HEC-1B. <i>Cellular Signalling</i> , 1995 , 7, 403-9	4.9	7
32	Messenger RNA encoding thiol protein disulphide isomerase in amnion, chorion and placenta in human term and preterm labour. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1996 , 103, 873-8	3.7	7
31	Tissue collagenase: serum levels during pregnancy and parturition. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1994 , 54, 71-5	2.4	7
30	Vascular development in embryoid bodies: quantification of transgenic intervention and antiangiogenic treatment. <i>Angiogenesis</i> , 2007 , 10, 217-26	10.6	6
29	Activation of human endometrial phospholipase D by bradykinin. <i>Cellular Signalling</i> , 1995 , 7, 599-609	4.9	5
28	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
27	Hepatocyte growth factor (HGF) in ovarian epithelial tumour fluids stimulates the migration of ovarian carcinoma cells 1999 , 83, 476		3
26	Vascular endothelial growth factor and corpus luteum angiogenesis. <i>Angiogenesis</i> , 1998 , 2, 119-121	10.6	2
25	Adhesion molecules and implantation 2005 , 49-60		1

- 24 What makes good sperm? **2005**, 119-128 1
- 23 Reproductive disorders and pregnancy outcome **2005**, 240-252 1
- 22 Making the UK's National Health Service cost effective. *Lancet, The*, **2006**, 368, 286 40
- 21 To implant or not to implant: the role of leukaemia inhibitory factor **2005**, 185-202
- 20 Pre-implantation genetic testing **2005**, 169-182
- 19 Endocrine and paracrine signalling in the human endometrium: potential role for the prostanoïd family in implantation **2005**, 3-15
- 18 Immunology of implantation **2005**, 16-31
- 17 Progesterin-induced decidualisation promotes human endometrial haemostasis and vascular stability **2005**, 32-48
- 16 Vascular growth and modelling in the endometrium **2005**, 61-69
- 15 Tissue remodelling the fetal-maternal interface: the regulation of matrix metalloproteinase 9 transcription **2005**, 70-78
- 14 Embryo interactions in human implantation **2005**, 79-89
- 13 Experimental models of implantation of the human embryo: reconstructing the endometrial-embryo dialogue in vitro **2005**, 90-100
- 12 What makes a good egg? **2005**, 103-118
- 11 Morphogenesis of the early mammalian embryo: cell lineage heterogeneity and developmental potential **2005**, 129-140
- 10 Epigenetics in development and cloning by nuclear transfer: alternative approaches to nuclear reprogramming **2005**, 141-154
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- 8 are gene arrays useful for the study of implantations? **2005**, 203-216
- 7 Sporadic early pregnancy loss: aetiology and management **2005**, 219-228

- 6 Recurrent miscarriage: the role of prothrombotic disorders **2005**, 229-239
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- 4 Single-embryo transfer **2005**, 256-267
- 3 Paediatric outcome after assisted reproductive technology **2005**, 268-280
- 2 Consensus views arising from the 48th Study Group: Implantation and Early Development **2005**, 283-286
- 1 Embryo-Endometrial Interactions **1994**, 223-228