Andrew Marck Sharkey

List of Publications by Year
in descending order

118	11,748	24978	28224
papers	citations	57 h-index	105 g-index

125	125	125	10671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-cell reconstruction of the early maternalâ€“fetal interface in humans. Nature, 2018, 563, 347-353.	13.7	1,547
2	A Y chromosome gene family with RNA-binding protein homology: Candidates for the azoospermia factor AZF controlling human spermatogenesis. Cell, 1993, 75, 1287-1295.	13.5	510
3	Expression of Vascular Endothelial Growt Factor and Its Receptors fit and KDR in Ovarian Carcinoma. Journal of the National Cancer Institute, 1995, 87, 506-516.	3.0	462
4	Trophoblast organoids as a model for maternalâ€“fetal interactions during human placentation. Nature, 2018, 564, 263-267.	13.7	436
5	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.	1.2	433
6	Maternal activating KIRs protect against human reproductive failure mediated by fetal HLA-C2. Journal of Clinical Investigation, 2010, 120, 4102-4110.	3.9	425
7	Vascular endothelial growth factor is produced by peritoneal fluid macrophages in endometriosis and is regulated by ovarian steroids.. Journal of Clinical Investigation, 1996, 98, 482-489.	3.9	422
8	Localization of VEGF and expression of its receptors flit and KDR in human placenta throughout pregnancy. Human Reproduction, 1996, 11, 1090-1098.	0.4	272
9	Characterization and localization of endothelin receptor subtypes in the human atrioventricular conducting system and myocardium.. Circulation Research, 1993, 72, 526-538.	2.0	242
10	Vascular Endothelial Growth Factor Receptor Localization and Activation in Human Trophoblast and Choriocarcinoma Cells1. Biology of Reproduction, 1994, 51, 524-530.	1.2	232
11	Maternal uterine NK cellâ€“activating receptor KIR2DS1 enhances placentation. Journal of Clinical Investigation, 2013, 123, 4264-4272.	3.9	231
12	Towards the molecular localisation of the AZF locus: mapping of microdeletions in azoospermic men within 14 subintervals of interval 6 of the human Y chromosome. Human Molecular Genetics, 1992, 1, 29-33.	1.4	220
13	Stage-Specific Expression of Cytokine and Receptor Messenger Ribonucleic Acids in Human Preimplantation Embryos1. Biology of Reproduction, 1995, 53, 974-981.	1.2	211
14	Microdeletions in interval 6 of the Y chromosome of males with idiopathic sterility point to disruption of AZF, a human spermatogenesis gene. Human Genetics, 1992, 89, 491-6.	1.8	202
15	A homodimeric complex of HLA-G on normal trophoblast cells modulates antigen-presenting cells via LILRB1. European Journal of Immunology, 2007, 37, 1924-1937.	1.6	189
16	Evidence for the expression of HLAA-C class I mRNA and protein by human first trimester trophoblast. Journal of Immunology, 1996, 156, 2068-76.	0.4	179
17	A dual, non-redundant, role for LIF as a regulator of development and STAT3-mediated cell death in mammary gland. Development (Cambridge), 2003, 130, 3459-3468.	1.2	167
18	The endometrium as a cause of implantation failure. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2003, 17, 289-307.	1.4	164

#	Article	IF	Citations
19	Evidence for widespread changes in promoter methylation profile in human placenta in response to increasing gestational age and environmental/stochastic factors. BMC Genomics, 2011, 12, 529.	1.2	164
20	Deregulation of the serum- and glucocorticoid-inducible kinase SGK1 in the endometrium causes reproductive failure. Nature Medicine, 2011, 17, 1509-1513.	15.2	157
21	Molecular studies of trophoblast HLA-G: polymorphism, isoforms, imprinting and expression in preimplantation embryo. Tissue Antigens, 1999, 53, 1-13.	1.0	151
22	Killer Ig-Like Receptor Expression in Uterine NK Cells Is Biased toward Recognition of HLA-C and Alters with Gestational Age. Journal of Immunology, 2008, 181, 39-46.	0.4	149
23	VEGF mRNA levels in placentae from pregnancies complicated by pre-eclampsia. BJOG: an International Journal of Obstetrics and Gynaecology, 1996, 103, 1191-1196.	1.1	135
24	Vascular Endothelial Growth Factor Expression in Human Endometrium Is Regulated by Hypoxia. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 402-409.	1.8	132
25	Genome-wide expression profile of first trimester villous and extravillous human trophoblast cells. Placenta, 2011, 32, 33-43.	0.7	131
26	Composition, Development, and Function of Uterine Innate Lymphoid Cells. Journal of Immunology, 2015, 195, 3937-3945.	0.4	130
27	Maternal plasma levels of vascular endothelial growth factor in normotensive pregnancies and in pregnancies complicated by pre-eclampsia. European Journal of Clinical Investigation, 1996, 26, 1182-1185.	1.7	125
28	Localization of Leukemia Inhibitory Factor and Its Receptor in Human Placenta Throughout Pregnancy1. Biology of Reproduction, 1999, 60, 355-364.	1.2	119
29	Human Endothelin Receptors Characterized Using Reverse Transcriptase-Polymerase Chain Reaction, In Situ Hybridization, and Subtype-Selective Ligands BQ123 and BQ3020: Evidence for Expression of ETB Receptors in Human Vascular Smooth Muscle. Journal of Cardiovascular Pharmacology, 1993, 22, S22-S25.	0.8	114
30	Distinctive phenotypes and functions of innate lymphoid cells in human decidua during early pregnancy. Nature Communications, 2020, 11, 381.	5.8	110
31	Inhibition of Stat3 activation in the endometrium prevents implantation: A nonsteroidal approach to contraception. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8585-8590.	3.3	108
32	Identification of Novel Genes Regulated by Chorionic Gonadotropin in Baboon Endometrium during the Window of Implantation. Endocrinology, 2007, 148, 618-626.	1.4	103
33	Mifepristone induced progesterone withdrawal reveals novel regulatory pathways in human endometrium. Molecular Human Reproduction, 2007, 13, 641-654.	1.3	101
34	Phenotypic and functional characterization of first-trimester human placental macrophages, Hofbauer cells. Journal of Experimental Medicine, 2021, 218, .	4.2	98
35	Distribution of the A and B forms of the progesterone receptor messenger ribonucleic acid and protein in uterine leiomyomata and adjacent myometrium. Human Reproduction, 1997, 12, 815-822.	0.4	97
36	The effect of pregnancy on the uterine NK cell KIR repertoire. European Journal of Immunology, 2011, 41, 3017-3027.	1.6	94

#	Article	IF	Citations
37	Tissue-Specific Education of Decidual NK Cells. Journal of Immunology, 2015, 195, 3026-3032.	0.4	88
38	Human uterine NK cells have a similar repertoire of killer inhibitory and activatory receptors to those found in blood, as demonstrated by RT-PCR and sequencing. Molecular Immunology, 1997, 34, 419-430.	1.0	87
39	Functions of Human Decidual NK Cells. American Journal of Reproductive Immunology, 1996, 35, 258-260.	1.2	86
40	Screening for cytokine mRNA in human villous and extravillous trophoblasts using the reverse-transcriptase polymerase chain reaction (RT-PCR). Cytokine, 1995, 7, 364-371.	1.4	85
41	Immunolocalization of the apoptosis regulating proteins Bcl-2 and Bax in human endometrium and isolated peritoneal fluid macrophages in endometriosis. Human Reproduction, 1997, 12, 146-152.	0.4	81
42	Activating KIR2DS4 Is Expressed by Uterine NK Cells and Contributes to Successful Pregnancy. Journal of Immunology, 2016, 197, 4292-4300.	0.4	80
43	Identification of genes regulated by interleukin-1Î² in human endometrial stromal cells. Reproduction, 2005, 130, 721-729.	1.1	78
44	Molecular definition of group 1 innate lymphoid cells in the mouse uterus. Nature Communications, 2018, 9, 4492.	5.8	77
45	Wide-ranging DNA methylation differences of primary trophoblast cell populations and derived cell lines: implications and opportunities for understanding trophoblast functionâ€. Molecular Human Reproduction, 2011, 17, 344-353.	1.3	76
46	Collagen type IV at the fetalâ€“maternal interface. Placenta, 2015, 36, 59-68.	0.7	74
47	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.	0.4	73
48	Global gene analysis of late secretory phase, eutopic endometrium does not provide the basis for a minimally invasive test of endometriosis. Human Reproduction, 2008, 23, 1063-1068.	0.4	70
49	The role of the maternal immune system in the regulation of human birthweight. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140071.	1.8	70
50	Endothelial cells regulate cardiac contractility.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4033-4036.	3.3	69
51	A microfluidics assay to study invasion of human placental trophoblast cells. Journal of the Royal Society Interface, 2017, 14, 20170131.	1.5	68
52	Tissue stiffness at the human maternalâ€“fetal interface. Human Reproduction, 2019, 34, 1999-2008.	0.4	68
53	Colocalization of Acidic and Basic Fibroblast Growth Factor (FGF) in Human Placenta and the Cellular Effects of bFGF in Trophoblast Cell Line JEG-3. Growth Factors, 1994, 10, 259-268.	0.5	67
54	Role and Regulation of the Serum- and Glucocorticoid-Regulated Kinase 1 in Fertile and Infertile Human Endometrium. Endocrinology, 2007, 148, 5020-5029.	1.4	67

#	Article	IF	Citations
55	Immunolocalisation of phosphorylated STAT3, interleukin 11 and leukaemia inhibitory factor in endometrium of women with unexplained infertility during the implantation window. Reproductive Biology and Endocrinology, 2007, 5, 44.	1.4	65
56	Identification of Genes Regulated by Leukemia-Inhibitory Factor in the Mouse Uterus at the Time of Implantation. Molecular Endocrinology, 2004, 18, 2185-2195.	3.7	63
57	Effect of an Intrauterine Device on the Gene Expression Profile of the Endometrium. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3199-3207.	1.8	63
58	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.	1.8	61
59	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.	1.3	59
60	How Do Uterine Natural Killer and Innate Lymphoid Cells Contribute to Successful Pregnancy?. Frontiers in Immunology, 2021, 12, 607669.	2.2	55
61	Molecular characterization of KIR3DL3. Immunogenetics, 2006, 57, 904-916.	1.2	54
62	Chemokine Scavenger D6 Is Expressed by Trophoblasts and Aids the Survival of Mouse Embryos Transferred into Allogeneic Recipients. Journal of Immunology, 2010, 184, 3202-3212.	0.4	54
63	Hepatocyte growth factor/scatter factor and its receptor c-met: localisation and expression in the human placenta throughout pregnancy. Journal of Endocrinology, 1996, 151, 459-467.	1.2	50
64	Expression and Localization of the Th2â€type Cytokine Interleukinâ€13 and Its Receptor in the Placenta During Human Pregnancy. American Journal of Reproductive Immunology, 1998, 40, 283-290.	1.2	49
65	Placental Composition and Surface Area but not Vascularization are Altered by Maternal Protein Restriction in the Rat. Placenta, 2003, 24, 34-38.	0.7	49
66	The science of implantation emerges blinking into the light. Reproductive BioMedicine Online, 2013, 27, 453-460.	1.1	48
67	Clathrin light chains are required for the gyrating-clathrin recycling pathway and thereby promote cell migration. Nature Communications, 2014, 5, 3891.	5.8	44
68	The CD94/NKG2A inhibitory receptor educates uterine NK cells to optimize pregnancy outcomes in humans and mice. Immunity, 2021, 54, 1231-1244.e4.	6.6	44
69	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.	1.8	44
70	Conformation of human leucocyte antigen-C molecules at the surface of human trophoblast cells. Immunology, 2008, 124, 322-328.	2.0	41
71	Paracrine effects of uterine leucocytes on gene expression of human uterine stromal fibroblasts. Molecular Human Reproduction, 2009, 15, 39-48.	1.3	41
72	The effect of RU486 on the gene expression profile in an endometrial explant model. Molecular Human Reproduction, 2003, 9, 465-473.	1.3	40

#	Article	IF	Citations
73	Effect of randomized serum progesterone concentration on secretory endometrial histologic development and gene expression. Human Reproduction, 2017, 32, 1903-1914.	0.4	39
74	The Endometrial Response to Chorionic Gonadotropin Is Blunted in a Baboon Model of Endometriosis. Endocrinology, 2010, 151, 4982-4993.	1.4	37
75	The role of leukaemia inhibitory factor and interleukin-6 in human reproduction. Human Reproduction, 1998, 13, 237-243.	0.4	36
76	Expression of C-kit and kit ligand at the human maternofetal interface. Cytokine, 1994, 6, 195-205.	1.4	35
77	Ex vivo functional responses to HLA-G differ between blood and decidual NK cells. Molecular Human Reproduction, 2011, 17, 577-586.	1.3	34
78	Large-scale gene expression studies of the endometrium: what have we learnt?. Reproduction, 2006, 132, 1-10.	1.1	33
79	High-Resolution Genetic and Phenotypic Analysis of KIR2DL1 Alleles and Their Association with Pre-Eclampsia. Journal of Immunology, 2018, 201, 2593-2601.	0.4	33
80	In-vivo gene transfer to the uterine endometrium. Human Reproduction, 1997, 12, 17-20.	0.4	32
81	Fetal inheritance of chromosomally integrated human herpesvirus 6 predisposes the mother to pre-eclampsia. Nature Microbiology, 2020, 5, 901-908.	5.9	29
82	Temporal expression profiling of the uterine luminal epithelium of the pseudo-pregnant mouse suggests receptivity to the fertilized egg is associated with complex transcriptional changes. Human Reproduction, 2006, 21, 2495-2513.	0.4	28
83	DNA methylation mediated up-regulation ofTERRAnon-coding RNA is coincident with elongated telomeres in the human placenta. Molecular Human Reproduction, 2016, 22, 791-799.	1.3	28
84	Chromosome size variation in the malaria parasite of rodents, Plasmodium chabaudi. Molecular and Biochemical Parasitology, 1988, 28, 47-54.	0.5	26
85	Soluble gp130 is Up-Regulated in the Implantation Window and Shows Altered Secretion in Patients with Primary Unexplained Infertility. , 0, .		25
86	Novel antiangiogenic agents for use in contraception. Contraception, 2005, 71, 263-271.	0.8	22
87	Immunoneutralization of vascular endothelial growth factor inhibits pregnancy establishment in the rhesus monkey (Macaca mulatta). Reproduction, 2007, 133, 1199-1211.	1.1	22
88	Expression of messenger RNA for kit-ligand in human placenta: localization by in situ hybridization and identification of alternatively spliced variants.. Molecular Endocrinology, 1992, 6, 1235-1241.	3.7	21
89	Interleukin-11 inhibits expression of insulin-like growth factor binding protein-5 mRNA in decidualizing human endometrial stromal cells. Molecular Human Reproduction, 2005, 11, 649-658.	1.3	21
90	Interleukin 1 beta is induced by interleukin 11 during decidualization of human endometrial stromal cells, but is not released in a bioactive form. Journal of Reproductive Immunology, 2007, 73, 28-38.	0.8	19

#	Article	IF	Citations
91	Implantation of the Human Embryo: Research Lines and Models. Gynecologic and Obstetric Investigation, 2006, 62, 206-216.	0.7	18
92	RNA-Seq reveals changes in human placental metabolism, transport and endocrinology across the firstâ€“second trimester transition. Biology Open, 2021, 10, .	0.6	18
93	Evidence for the expression of HLA-C class I mRNA and protein by human first trimester trophoblast. Journal of Reproductive Immunology, 1996, 31, 232-233.	0.8	15
94	Expression of CD3Ïµ, CD3Î¶, and RAG-1/RAG-2 in Decidual CD56+NK Cells. Cellular Immunology, 1998, 183, 99-105.	1.4	15
95	Isolation of anonymous DNA markers for human chromosome 22q11 from a flow-sorted library, and mapping using hybrids from patients with DiGeorge syndrome. Human Genetics, 1992, 89, 73-78.	1.8	14
96	Generation and use of a tailored gene array to investigate vascular biology. Angiogenesis, 2003, 6, 93-104.	3.7	14
97	Expression of messenger RNA for kit-ligand in human placenta: localization by in situ hybridization and identification of alternatively spliced variants. Molecular Endocrinology, 1992, 6, 1235-1241.	3.7	12
98	Effect of low-dose mifepristone administration on day 2 after ovulation on transcript profiles in implantation-stage endometrium of rhesus monkeys. Reproduction, 2009, 138, 357-370.	1.1	10
99	Genetic studies on a major merozoite surface antigen of the malaria parasite of rodents, Plasmodium chabaudi. Parasite Immunology, 1991, 13, 369-378.	0.7	9
100	Cytokines and embryo/endometrial interactions. Reproductive Medicine Review, 1995, 4, 87-100.	0.3	9
101	Decidual Heparanase Activity Is Increased During Pregnancy in the Baboon (Papio anubis) and in In Vitro Decidualization of Human Stromal Cells1. Biology of Reproduction, 2008, 78, 316-323.	1.2	7
102	Microbial translocation of needle-free versus traditional needle injection-enhanced beef strip loins. Meat Science, 2010, 84, 208-211.	2.7	7
103	Cytokines and implantation. Reproduction, 1998, 3, 52-61.	2.0	6
104	Chromosome Sorting by Flow Cytometry: Production of DNA Libraries and Gene Mapping. , 1994, 29, 205-220.		5
105	The Human Embryo-Endometrial Dialogue: Impact of a Single Blastocyst in the Gene Expression Pattern of Endometrial Epithelial Cells. Fertility and Sterility, 2005, 84, S60-S61.	0.5	5
106	Beyond Maternal Tolerance: Education of Uterine Natural Killer Cells by Maternal MHC Drives Fetal Growth. Frontiers in Immunology, 2022, 13, .	2.2	5
107	Maternal activating KIRs protect against human reproductive failure mediated by fetal HLA-C2. Journal of Clinical Investigation, 2011, 121, 455-455.	3.9	2
108	Uterine gene therapy and implantation. Reproductive Medicine Review, 2000, 8, 57-71.	0.3	1

#	Article	IF	Citations
109	Identification of genes regulated by leukaemia inhibitory factor in the mouse uterus at the time of implantation. Fertility and Sterility, 2004, 82, S271.	0.5	1
110	Hepatocyte growth factor and its receptor c-met: Localization and expression in the human placenta. Placenta, 1996, 17, A37.	0.7	0
111	Functional genomics of endometrial receptivity using an interceptive approach. Fertility and Sterility, 2004, 82, S91.	0.5	0
112	Immunology of implantation. , 2005, , 16-31.		0
113	are gene arrays useful for the study of implantations?. , 2005, , 203-216.		0
114	Gene Expression Pattern Induced by Leptin in Human Endometrial Epithelial Cells. Fertility and Sterility, 2005, 84, S435.	0.5	0
115	Interleukin 1 beta is induced by interleukin 11 during decidualization of human endometrial stromal cells, but is not released in a bioactive form. Journal of Reproductive Immunology, 2006, 71, 147.	0.8	0
116	Transcriptome Analysis of Chorionic Villous Samples from Pre-flow (7-8 weeks) and Post-flow (13-14) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	0
117	The Immunology of Implantation. , 2020, , 48-54.e1.		0
118	Gene Expression in Preimplantation Embryos. , 1991, , 203-211.		0