Robert N Taylor

List of Publications by Citations

102 papers	6,283 citations	43 h-index	78 g-index
105 ext. papers	7,360 ext. citations	5.3 avg, IF	5.93 L-index

#	Paper	IF	Citations
102	Immunobiology of endometriosis. *Fertility and Sterility*, **2001**, 75, 1-10	4.8	597
101	Endometriosis. *Nature Reviews Disease Primers*, **2018**, 4, 9	51.1	397
100	Clinical and biochemical evidence of endothelial cell dysfunction in the pregnancy syndrome preeclampsia. *American Journal of Hypertension*, **1991**, 4, 700-8	2.3	336
99	Endometrial decidualization: of mice and men. *Seminars in Reproductive Medicine*, **2010**, 28, 17-26	1.4	306
98	Redefining preeclampsia using placenta-derived biomarkers. *Hypertension*, **2013**, 61, 932-42	8.5	259
97	Glycodelin: a major lipocalin protein of the reproductive axis with diverse actions in cell recognition and differentiation. *Endocrine Reviews*, **2002**, 23, 401-30	27.2	187
96	Bone morphogenetic protein 2 functions via a conserved signaling pathway involving Wnt4 to regulate uterine decidualization in the mouse and the human. *Journal of Biological Chemistry*, **2007**, 282, 31725-32	5.4	176
95	Inflammation in reproductive disorders. *Reproductive Sciences*, **2009**, 16, 216-29	3	171
94	Immunolocalization and regulation of the chemokine RANTES in human endometrial and endometriosis tissues and cells. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 1621-8	5.6	168
93	Endometriosis: hormone regulation and clinical consequences of chemotaxis and apoptosis. *Human Reproduction Update*, **2013**, 19, 406-18	15.8	167
92	Mechanistic and therapeutic implications of angiogenesis in endometriosis. *Reproductive Sciences*, **2009**, 16, 140-6	3	150
91	Novel concepts on pregnancy clocks and alarms: redundancy and synergy in human parturition. *Human Reproduction Update*, **2016**, 22, 535-60	15.8	135
90	Progesterone resistance in endometriosis: origins, consequences and interventions. *Acta Obstetricia Et Gynecologica Scandinavica*, **2017**, 96, 623-632	3.8	122
89	Histological evidence of oxidative stress and premature senescence in preterm premature rupture of the human fetal membranes recapitulated in vitro. *American Journal of Pathology*, **2014**, 184, 1740-51	5.8	121
88	Endometriosis: the role of neuroangiogenesis. *Annual Review of Physiology*, **2011**, 73, 163-82	23.1	117
87	Short fetal leukocyte telomere length and preterm prelabor rupture of the membranes. *PLoS ONE*, **2012**, 7, e31136	3.7	108
86	Elevated levels of S-nitrosoalbumin in preeclampsia plasma. *Circulation Research*, **2001**, 88, 1210-5	15.7	101

85	Gap junction communication between uterine stromal cells plays a critical role in pregnancy-associated neovascularization and embryo survival. *Development (Cambridge)*, **2008**, 135, 2659-68	6.6	97
84	Dual suppression of estrogenic and inflammatory activities for targeting of endometriosis. *Science Translational Medicine*, **2015**, 7, 271ra9	17.5	90
83	IL-1beta induction of RANTES (regulated upon activation, normal T cell expressed and secreted) chemokine gene expression in endometriotic stromal cells depends on a nuclear factor-kappaB site in the proximal promoter. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 4759-64	5.6	84
82	Assessing research gaps and unmet needs in endometriosis. *American Journal of Obstetrics and Gynecology*, **2019**, 221, 86-94	6.4	82
81	WNT4 acts downstream of BMP2 and functions via □catenin signaling pathway to regulate human endometrial stromal cell differentiation. *Endocrinology*, **2013**, 154, 446-57	4.8	80
80	Review: immunobiology of preeclampsia. *American Journal of Reproductive Immunology*, **1997**, 37, 79-86	3.8	80
79	Eutopic endometrium in women with endometriosis: ground zero for the study of implantation defects. *Seminars in Reproductive Medicine*, **2013**, 31, 109-24	1.4	78
78	Angiogenesis and endometriosis. *Obstetrics and Gynecology International*, **2013**, 2013, 859619	2	76
77	Senescence of primary amniotic cells via oxidative DNA damage. *PLoS ONE*, **2013**, 8, e83416	3.7	74
76	Pathogenesis of endometriosis: Interaction between Endocrine and inflammatory pathways. *Best Practice and Research in Clinical Obstetrics and Gynaecology*, **2018**, 50, 50-60	4.6	73
75	Telomere Fragment Induced Amnion Cell Senescence: A Contributor to Parturition?. *PLoS ONE*, **2015**, 10, e0137188	3.7	64
74	Emerging role of genomics in endometriosis research. *Fertility and Sterility*, **2002**, 78, 694-8	4.8	63
73	Exosomes derived from endometriotic stromal cells have enhanced angiogenic effects in vitro. *Cell and Tissue Research*, **2016**, 365, 187-96	4.2	62
72	Evolution of medical treatment for endometriosis: back to the roots?. *Human Reproduction Update*, **2007**, 13, 487-99	15.8	55
71	Proteomic identification of□neurotrophins in the eutopic endometrium of women with endometriosis. *Fertility and Sterility*, **2012**, 98, 713-9	4.8	53
70	New insights into the etiology of pre-eclampsia. *Annals of Medicine*, **1993**, 25, 243-9	1.5	52
69	A tissue-engineered human endometrial stroma that responds to cues for secretory differentiation, decidualization, and menstruation. *Fertility and Sterility*, **2012**, 97, 997-1003	4.8	51
68	Regulation of human endometrial stromal proliferation and differentiation by C/EBP□involves cyclin E-cdk2 and STAT3. *Molecular Endocrinology*, **2012**, 26, 2016-30		51

67	PPAR-gamma decreases endometrial stromal cell transcription and translation of RANTES in vitro. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 1841-4	5.6	50
66	Programmed Fetal Membrane Senescence and Exosome-Mediated Signaling: A Mechanism Associated With Timing of Human Parturition. *Frontiers in Endocrinology*, **2017**, 8, 196	5.7	48
65	Amnion epithelial cell-derived exosomes induce inflammatory changes in uterine cells. *American Journal of Obstetrics and Gynecology*, **2018**, 219, 478.e1-478.e21	6.4	48
64	PPAR Action in Human Placental Development and Pregnancy and Its Complications. *PPAR Research*, **2008**, 2008, 527048	4.3	47
63	Roles of progesterone receptor A and B isoforms during human endometrial decidualization. *Molecular Endocrinology*, **2015**, 29, 882-95		46
62	Disruption of gap junctions reduces biomarkers of decidualization and angiogenesis and increases inflammatory mediators in human endometrial stromal cell cultures. *Molecular and Cellular Endocrinology*, **2011**, 344, 25-34	4.4	44
61	Sulindac suppresses nuclear factor-kappaB activation and RANTES gene and protein expression in endometrial stromal cells from women with endometriosis. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 6441-7	5.6	43
60	Regulated on activation, normal T-cell-expressed and -secreted mRNA expression in normal endometrium and endometriotic implants: assessment of autocrine/paracrine regulation by in situ hybridization. *American Journal of Pathology*, **2001**, 158, 1949-54	5.8	43
59	Endometrial Stromal Decidualization Responds Reversibly to Hormone Stimulation and Withdrawal. *Endocrinology*, **2016**, 157, 2432-46	4.8	42
58	An evidence-based approach to assessing surgical versus clinical diagnosis of symptomatic endometriosis. *International Journal of Gynecology and Obstetrics*, **2018**, 142, 131-142	4	41
57	Long-term progestin treatment inhibits RANTES (regulated on activation, normal T cell expressed and secreted) gene expression in human endometrial stromal cells. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 2514-9	5.6	40
56	Retinoic acid is a cofactor for translational regulation of vascular endothelial growth factor in human endometrial stromal cells. *Molecular Endocrinology*, **2010**, 24, 148-60		39
55	Reversible EMT and MET mediate amnion remodeling during pregnancy and labor. *Science Signaling* , **2020**, 13,	8.8	37
54	Discovery and Characterization of Human Amniochorionic Membrane Microfractures. *American Journal of Pathology*, **2017**, 187, 2821-2830	5.8	35
53	Preeclamptic sera stimulate increased platelet-derived growth factor mRNA and protein expression by cultured human endothelial cells. *American Journal of Reproductive Immunology*, **1991**, 25, 105-8	3.8	35
52	Retinoic acid regulates gap junction intercellular communication in human endometrial stromal cells through modulation of the phosphorylation status of connexin 43. *Journal of Cellular Physiology*, **2013**, 228, 903-10	7	34
51	Molecular regulation of human placental growth factor (PlGF) gene expression in placental villi and trophoblast cells is mediated via the protein kinase a pathway. *Reproductive Sciences*, **2011**, 18, 219-28	3	33
50	Endocrine and paracrine regulation of endometrial angiogenesis. *Annals of the New York Academy of Sciences*, **2001**, 943, 109-21	6.5	33

49	Downregulation of apelin in the human placental chorionic villi from preeclamptic pregnancies. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 309, E852-60	6	32
48	Reduced connexin 43 in eutopic endometrium and cultured endometrial stromal cells from subjects with endometriosis. *Molecular Human Reproduction*, **2014**, 20, 260-70	4.4	31
47	Peritoneal macrophages induce RANTES (regulated on activation, normal T cell expressed and secreted) chemokine gene transcription in endometrial stromal cells. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 1397-401	5.6	30
46	Treatment of endometriosis-associated pain with linzagolix, an oral gonadotropin-releasing hormone-antagonist: a randomized clinical trial. *Fertility and Sterility*, **2020**, 114, 44-55	4.8	29
45	IL-1 Stimulates Brain-Derived Neurotrophic Factor Production in Eutopic Endometriosis Stromal Cell Cultures: A Model for Cytokine Regulation of Neuroangiogenesis. *American Journal of Pathology*, **2018**, 188, 2281-2292	5.8	28
44	Developmental expression of platelet-derived growth factor and its receptor in the human placenta. *Molecular Endocrinology*, **1988**, 2, 627-32		28
43	IL-1 Inhibits Connexin 43 and Disrupts Decidualization of Human Endometrial Stromal Cells Through ERK1/2 and p38 MAP Kinase. *Endocrinology*, **2017**, 158, 4270-4285	4.8	27
42	Retinoic acid biosynthesis is impaired in human and murine endometriosis. *Biology of Reproduction*, **2014**, 91, 84	3.9	27
41	Pathogenesis of Endometriosis: Roles of Retinoids and Inflammatory Pathways. *Seminars in Reproductive Medicine*, **2015**, 33, 246-56	1.4	26
40	Curcumin attenuates proangiogenic and proinflammatory factors in human eutopic endometrial stromal cells through the NF-B signaling pathway. *Journal of Cellular Physiology*, **2019**, 234, 6298-6312	7	25
39	Gap junction blockade induces apoptosis in human endometrial stromal cells. *Molecular Reproduction and Development*, **2014**, 81, 666-75	2.6	23
38	E2F1 suppresses cardiac neovascularization by down-regulating VEGF and PlGF expression. *Cardiovascular Research*, **2014**, 104, 412-22	9.9	22
37	A role for retinoids in human oocyte fertilization: regulation of connexin 43 by retinoic acid in cumulus granulosa cells. *Molecular Human Reproduction*, **2015**, 21, 527-34	4.4	19
36	Partial suppression of estradiol: a new strategy in endometriosis management?. *Fertility and Sterility*, **2017**, 107, 568-570	4.8	18
35	Roles of Estrogen Receptor- and the Coactivator MED1 During Human Endometrial Decidualization. *Molecular Endocrinology*, **2016**, 30, 302-13		18
34	Extraplacental human fetal tissues express mRNA transcripts encoding the human chorionic gonadotropin-beta subunit protein. *Molecular Reproduction and Development*, **1992**, 33, 1-6	2.6	17
33	Pain and endometriosis: Etiology, impact, and therapeutics. *Middle East Fertility Society Journal*, **2012**, 17, 221-225	1.4	16
32	Plasma Factors that Determine Endothelial Cell Lipid Toxicity in Vitro Correctly Identify Women with Preeclampsia in Early and Late Pregnancy. *Hypertension in Pregnancy*, **1996**, 15, 263-279	2	16

31	Rac1 Regulates Endometrial Secretory Function to Control Placental Development. *PLoS Genetics*, **2015**, 11, e1005458	6	16
30	Characterization of Molecular Changes in Endometrium Associated With Chronic Use of Progesterone Receptor Modulators: Ulipristal Acetate Versus Mifepristone. *Reproductive Sciences*, **2018**, 25, 320-328	3	16
29	Tissue-engineered endometrial model for the study of cell-cell interactions. *Reproductive Sciences*, **2015**, 22, 308-15	3	14
28	Increased prevalence of preeclampsia among women undergoing procedural intervention for renal artery fibromuscular dysplasia. *Annals of Vascular Surgery*, **2015**, 29, 1105-10	1.7	14
27	Trisomic pregnancies have normal human chorionic gonadotropin bioactivity. *Prenatal Diagnosis*, **1991**, 11, 1-6	3.2	14
26	Insulin Signaling Via Progesterone-Regulated Insulin Receptor Substrate 2 is Critical for Human Uterine Decidualization. *Endocrinology*, **2020**, 161,	4.8	14
25	Retinoic Acid Is a Negative Regulator of sFLT1 Expression in Decidual Stromal Cells, and Its Levels Are Reduced in Preeclamptic Decidua. *Hypertension*, **2019**, 73, 1104-1111	8.5	13
24	Type 2 Endometrial Cancer is Associated With a High Density of Tumor-Associated Macrophages in the Stromal Compartment. *Reproductive Sciences*, **2015**, 22, 948-53	3	13
23	Preeclampsia: an old disease with new tools for better diagnosis and risk management. *Clinical Chemistry*, **2015**, 61, 694-8	5.5	13
22	Pioneer Factors FOXA1 and FOXA2 Assist Selective Glucocorticoid Receptor Signaling in Human Endometrial Cells. *Endocrinology*, **2017**, 158, 4076-4092	4.8	11
21	Physiological and pathological implications of retinoid action in the endometrium. *Journal of Endocrinology*, **2018**, 236, R169-R188	4.7	11
20	Multiple Beneficial Roles of Repressor of Estrogen Receptor Activity (REA) in Suppressing the Progression of Endometriosis. *Endocrinology*, **2016**, 157, 900-12	4.8	11
19	Interleukin-1□inhibits estrogen receptor-□progesterone receptors A and B and biomarkers of human endometrial stromal cell differentiation: implications for endometriosis. *Molecular Human Reproduction*, **2019**, 25, 625-637	4.4	10
18	Msx Homeobox Genes Act Downstream of BMP2 to Regulate Endometrial Decidualization in Mice and in Humans. *Endocrinology*, **2019**, 160, 1631-1644	4.8	8
17	Angiogenic effects of norplant contraception on endometrial histology and uterine bleeding. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 2142-7	5.6	8
16	Endometriosis as a Comorbid Condition in Chronic Fatigue Syndrome (CFS): Secondary Analysis of Data From a CFS Case-Control Study. *Frontiers in Pediatrics*, **2019**, 7, 195	3.4	7
15	Increased Von Willebrand Factor Expression in an Experimental Model of Preeclampsia Produced by Reduction of Uteroplacental Perfusion Pressure in Conscious Rhesus Monkeys. *Hypertension in Pregnancy*, **1997**, 16, 177-185	2	7
14	Adiposity and Endometriosis Severity and Typology. *Journal of Minimally Invasive Gynecology*, **2020**, 27, 1516-1523	2.2	6

List of Publications

13	A hypoxia-induced Rab pathway regulates embryo implantation by controlled trafficking of secretory granules. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 14532-14542	11.5	5
12	The role of soluble epoxide hydrolase in preeclampsia. *Medical Hypotheses*, **2017**, 108, 81-85	3.8	5
11	Preoperative Circulating Lymphocyte and Monocyte Counts Correlate with Patient Outcomes in Type I and Type II Endometrial Cancer. *Reproductive Sciences*, **2020**, 27, 194-203	3	4
10	Alternatively Activated Macrophages Are the Primary Retinoic Acid-Producing Cells in Human Decidua. *Reproductive Sciences*, **2020**, 27, 334-341	3	2
9	Soluble epoxide hydrolase (sEH)- and UDP-glucuronosyltransferase (UGT)-dependent hypertension in pregnancy. *FASEB Journal*, **2013**, 27, 560.1	0.9	2
8	Human Endometrial Stromal Cell Differentiation is Stimulated by PPARβ/δ Activation: New Targets for Infertility?. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	2
7	Clinical Manifestations, Diagnosis, and Treatment of Endometriosis. *Current Womens Health Reviews*, **2018**, 14, 88-105	0.2	2
6	Aberrant retinoic acid production in the decidua: Implications for pre-eclampsia. *Journal of Obstetrics and Gynaecology Research*, **2020**, 46, 1007-1016	1.9	1
5	Systemic Iron Deficiency in a Nonhuman Primate Model of Endometriosis. *Comparative Medicine*, **2018**, 68, 298-307	1.6	1
4	Human Placental Angiogenesis and its Implications in Disorders of Pregnancy.. *Biology of Reproduction*, **2008**, 78, 51-51	3.9	
3	Neurotrophins and Cytokines in Endometriosis Pain. *ISGE Series*, **2021**, 27-39	0.2	
2	Cabergoline Stimulates Human Endometrial Stromal Cell Decidualization and Reverses Effects of Interleukin-1β In Vitro. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 3591-3604	5.6	
1	Stress biomarkers as outcomes for support groups for people with memory loss and their caregivers (SO CALM).. *Alzheimers and Dementia*, **2021**, 17 Suppl 7, e052399	1.2	