

Robert N Taylor

List of Publications by Year in descending order

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103
papers

8,408
citations

41258

49
h-index

46693

89
g-index

105
all docs

105
docs citations

105
times ranked

7569
citing authors

#	ARTICLE	IF	CITATIONS
1	Endometriosis. Nature Reviews Disease Primers, 2018, 4, 9.	18.1	726
2	Immunobiology of endometriosis. Fertility and Sterility, 2001, 75, 1-10.	0.5	717
3	Endometrial Decidualization: Of Mice and Men. Seminars in Reproductive Medicine, 2010, 28, 017-026.	0.5	406
4	Clinical and Biochemical Evidence of Endothelial Cell Dysfunction in the Pregnancy Syndrome Preeclampsia. American Journal of Hypertension, 1991, 4, 700-708.	1.0	369
5	Redefining Preeclampsia Using Placenta-Derived Biomarkers. Hypertension, 2013, 61, 932-942.	1.3	308
6	Glycodelin: A Major Lipocalin Protein of the Reproductive Axis with Diverse Actions in Cell Recognition and Differentiation. Endocrine Reviews, 2002, 23, 401-430.	8.9	223
7	Inflammation in Reproductive Disorders. Reproductive Sciences, 2009, 16, 216-229.	1.1	222
8	Progesterone resistance in endometriosis: origins, consequences and interventions. Acta Obstetrica Et Gynecologica Scandinavica, 2017, 96, 623-632.	1.3	213
9	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, 31725-31732.	1.6	210
10	Endometriosis: hormone regulation and clinical consequences of chemotaxis and apoptosis. Human Reproduction Update, 2013, 19, 406-418.	5.2	209
11	Novel concepts on pregnancy clocks and alarms: redundancy and synergy in human parturition. Human Reproduction Update, 2016, 22, 535-560.	5.2	196
12	Immunolocalization and Regulation of the Chemokine RANTES in Human Endometrial and Endometriosis Tissues and Cells. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1621-1628.	1.8	186
13	Assessing research gaps and unmet needs in endometriosis. American Journal of Obstetrics and Gynecology, 2019, 221, 86-94.	0.7	180
14	Mechanistic and Therapeutic Implications of Angiogenesis in Endometriosis. Reproductive Sciences, 2009, 16, 140-146.	1.1	176
15	Endometriosis: The Role of Neuroangiogenesis. Annual Review of Physiology, 2011, 73, 163-182.	5.6	164
16	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, 1740-1751.	1.9	158
17	Short Fetal Leukocyte Telomere Length and Preterm Prelabor Rupture of the Membranes. PLoS ONE, 2012, 7, e31136.	1.1	131
18	Dual suppression of estrogenic and inflammatory activities for targeting of endometriosis. Science Translational Medicine, 2015, 7, 271ra9.	5.8	120

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19	Gap junction communication between uterine stromal cells plays a critical role in pregnancy-associated neovascularization and embryo survival. <i>Development (Cambridge)</i> , 2008, 135, 2659-2668.	1.2	117
20	Elevated Levels of <i>S</i> -Nitrosoalbumin in Preeclampsia Plasma. <i>Circulation Research</i> , 2001, 88, 1210-1215.	2.0	113
21	Pathogenesis of endometriosis: Interaction between Endocrine and inflammatory pathways. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2018, 50, 50-60.	1.4	112
22	Angiogenesis and Endometriosis. <i>Obstetrics and Gynecology International</i> , 2013, 2013, 1-8.	0.5	105
23	Review: Immunobiology of Preeclampsia. <i>American Journal of Reproductive Immunology</i> , 1997, 37, 79-86.	1.2	101
24	IL-1 β Induction of RANTES (Regulated upon Activation, Normal T Cell Expressed and Secreted) Chemokine Gene Expression in Endometriotic Stromal Cells Depends on a Nuclear Factor- κ B Site in the Proximal Promoter. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4759-4764.	1.8	99
25	WNT4 Acts Downstream of BMP2 and Functions via β -Catenin Signaling Pathway to Regulate Human Endometrial Stromal Cell Differentiation. <i>Endocrinology</i> , 2013, 154, 446-457.	1.4	99
26	Eutopic Endometrium in Women with Endometriosis: Ground Zero for the Study of Implantation Defects. <i>Seminars in Reproductive Medicine</i> , 2013, 31, 109-124.	0.5	98
27	Senescence of Primary Amniotic Cells via Oxidative DNA Damage. <i>PLoS ONE</i> , 2013, 8, e83416.	1.1	97
28	Exosomes derived from endometriotic stromal cells have enhanced angiogenic effects in vitro. <i>Cell and Tissue Research</i> , 2016, 365, 187-196.	1.5	91
29	Amnion epithelial cell-derived exosomes induce inflammatory changes in uterine cells. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 478.e1-478.e21.	0.7	82
30	Roles of Progesterone Receptor A and B Isoforms During Human Endometrial Decidualization. <i>Molecular Endocrinology</i> , 2015, 29, 882-895.	3.7	79
31	Telomere Fragment Induced Amnion Cell Senescence: A Contributor to Parturition?. <i>PLoS ONE</i> , 2015, 10, e0137188.	1.1	74
32	Emerging role of genomics in endometriosis research. <i>Fertility and Sterility</i> , 2002, 78, 694-698.	0.5	73
33	Reversible EMT and MET mediate amnion remodeling during pregnancy and labor. <i>Science Signaling</i> , 2020, 13, .	1.6	71
34	Proteomic identification of neurotrophins in the eutopic endometrium of women with endometriosis. <i>Fertility and Sterility</i> , 2012, 98, 713-719.	0.5	68
35	An evidence-based approach to assessing surgical versus clinical diagnosis of symptomatic endometriosis. <i>International Journal of Gynecology and Obstetrics</i> , 2018, 142, 131-142.	1.0	68
36	Treatment of endometriosis-associated pain with linzagolix, an oral gonadotropin-releasing hormone antagonist: a randomized clinical trial. <i>Fertility and Sterility</i> , 2020, 114, 44-55.	0.5	68

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37	A tissue-engineered human endometrial stroma that responds to cues for secretory differentiation, decidualization, and menstruation. <i>Fertility and Sterility</i> , 2012, 97, 997-1003.	0.5	67
38	Evolution of medical treatment for endometriosis: back to the roots?. <i>Human Reproduction Update</i> , 2007, 13, 487-499.	5.2	66
39	Regulation of Human Endometrial Stromal Proliferation and Differentiation by C/EBP β Involves Cyclin E-cdk2 and STAT3. <i>Molecular Endocrinology</i> , 2012, 26, 2016-2030.	3.7	66
40	Programmed Fetal Membrane Senescence and Exosome-Mediated Signaling: A Mechanism Associated With Timing of Human Parturition. <i>Frontiers in Endocrinology</i> , 2017, 8, 196.	1.5	66
41	Discovery and Characterization of Human Amniochorionic Membrane Microfractures. <i>American Journal of Pathology</i> , 2017, 187, 2821-2830.	1.9	61
42	New Insights into the Etiology of Pre-eclampsia. <i>Annals of Medicine</i> , 1993, 25, 243-249.	1.5	58
43	PPAR Action in Human Placental Development and Pregnancy and Its Complications. <i>PPAR Research</i> , 2008, 2008, 1-14.	1.1	58
44	Disruption of gap junctions reduces biomarkers of decidualization and angiogenesis and increases inflammatory mediators in human endometrial stromal cell cultures. <i>Molecular and Cellular Endocrinology</i> , 2011, 344, 25-34.	1.6	54
45	Endometrial Stromal Decidualization Responds Reversibly to Hormone Stimulation and Withdrawal. <i>Endocrinology</i> , 2016, 157, 2432-2446.	1.4	54
46	Curcumin attenuates proangiogenic and proinflammatory factors in human eutopic endometrial stromal cells through the NF κ B signaling pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 6298-6312.	2.0	54
47	PPAR δ Decreases Endometrial Stromal Cell Transcription and Translation of RANTES in Vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1841-1844.	1.8	52
48	Regulated on Activation, Normal T-Cell-Expressed and -Secreted mRNA Expression in Normal Endometrium and Endometriotic Implants. <i>American Journal of Pathology</i> , 2001, 158, 1949-1954.	1.9	51
49	Sulindac Suppresses Nuclear Factor- κ B Activation and RANTES Gene and Protein Expression in Endometrial Stromal Cells from Women with Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6441-6447.	1.8	50
50	IL-1 β Inhibits Connexin 43 and Disrupts Decidualization of Human Endometrial Stromal Cells Through ERK1/2 and p38 MAP Kinase. <i>Endocrinology</i> , 2017, 158, 4270-4285.	1.4	48
51	Downregulation of apelin in the human placental chorionic villi from preeclamptic pregnancies. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E852-E860.	1.8	45
52	Long-Term Progestin Treatment Inhibits RANTES (Regulated on Activation, Normal T Cell Expressed and) Tj ETQq0 0 0 rgBT /Overlock 10 and Metabolism, 2002, 87, 2514-2519.	1.8	44
53	Preeclamptic Sera Stimulate Increased Platelet-Derived Growth Factor mRNA and Protein Expression by Cultured Human Endothelial Cells. <i>American Journal of Reproductive Immunology</i> , 1991, 25, 105-108.	1.2	43
54	Retinoic Acid Is a Cofactor for Translational Regulation of Vascular Endothelial Growth Factor in Human Endometrial Stromal Cells. <i>Molecular Endocrinology</i> , 2010, 24, 148-160.	3.7	43

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55	IL-1 β Stimulates Brain-Derived Neurotrophic Factor Production in Eutopic Endometriosis Stromal Cell Cultures. <i>American Journal of Pathology</i> , 2018, 188, 2281-2292.	1.9	42
56	Molecular Regulation of Human Placental Growth Factor (PLGF) Gene Expression in Placental Villi and Trophoblast Cells is Mediated via the Protein Kinase A Pathway. <i>Reproductive Sciences</i> , 2011, 18, 219-228.	1.1	40
57	Endocrine and Paracrine Regulation of Endometrial Angiogenesis. <i>Annals of the New York Academy of Sciences</i> , 2001, 943, 109-121.	1.8	39
58	Retinoic acid regulates gap junction intercellular communication in human endometrial stromal cells through modulation of the phosphorylation status of connexin 43. <i>Journal of Cellular Physiology</i> , 2013, 228, 903-910.	2.0	39
59	Retinoic Acid Biosynthesis Is Impaired in Human and Murine Endometriosis1. <i>Biology of Reproduction</i> , 2014, 91, 84.	1.2	38
60	Reduced connexin 43 in eutopic endometrium and cultured endometrial stromal cells from subjects with endometriosis. <i>Molecular Human Reproduction</i> , 2014, 20, 260-270.	1.3	38
61	Pathogenesis of Endometriosis: Roles of Retinoids and Inflammatory Pathways. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 246-256.	0.5	34
62	Developmental Expression of Platelet-Derived Growth Factor and its Receptor in the Human Placenta. <i>Molecular Endocrinology</i> , 1988, 2, 627-632.	3.7	33
63	Peritoneal Macrophages Induce RANTES (Regulated on Activation, Normal T Cell Expressed and) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Endocrinology and Metabolism</i> , 2004, 89, 1397-1401.	1.8	32
64	Gap junction blockade induces apoptosis in human endometrial stromal cells. <i>Molecular Reproduction and Development</i> , 2014, 81, 666-675.	1.0	32
65	Partial suppression of estradiol: a new strategy in endometriosis management?. <i>Fertility and Sterility</i> , 2017, 107, 568-570.	0.5	32
66	Roles of Estrogen Receptor- α and the Coactivator MED1 During Human Endometrial Decidualization. <i>Molecular Endocrinology</i> , 2016, 30, 302-313.	3.7	30
67	E2F1 suppresses cardiac neovascularization by down-regulating VEGF and PLGF expression. <i>Cardiovascular Research</i> , 2014, 104, 412-422.	1.8	27
68	Insulin Signaling Via Progesterone-Regulated Insulin Receptor Substrate 2 is Critical for Human Uterine Decidualization. <i>Endocrinology</i> , 2020, 161, .	1.4	26
69	A role for retinoids in human oocyte fertilization: regulation of connexin 43 by retinoic acid in cumulus granulosa cells. <i>Molecular Human Reproduction</i> , 2015, 21, 527-534.	1.3	24
70	Physiological and pathological implications of retinoid action in the endometrium. <i>Journal of Endocrinology</i> , 2018, 236, R169-R188.	1.2	23
71	Rac1 Regulates Endometrial Secretory Function to Control Placental Development. <i>PLoS Genetics</i> , 2015, 11, e1005458.	1.5	22
72	Extraplacental human fetal tissues express mRNA transcripts encoding the human chorionic gonadotropin- β subunit protein. <i>Molecular Reproduction and Development</i> , 1992, 33, 1-6.	1.0	21

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73	Tissue-Engineered Endometrial Model for the Study of Cell-Cell Interactions. <i>Reproductive Sciences</i> , 2015, 22, 308-315.	1.1	21
74	Plasma Factors that Determine Endothelial Cell Lipid Toxicity in Vitro Correctly Identify Women with Preeclampsia in Early and Late Pregnancy. <i>Hypertension in Pregnancy</i> , 1996, 15, 263-279.	0.5	19
75	Pain and endometriosis: Etiology, impact, and therapeutics. <i>Middle East Fertility Society Journal</i> , 2012, 17, 221-225.	0.5	19
76	Interleukin-1 β inhibits estrogen receptor- α , progesterone receptors A and B and biomarkers of human endometrial stromal cell differentiation: implications for endometriosis. <i>Molecular Human Reproduction</i> , 2019, 25, 625-637.	1.3	19
77	Type 2 Endometrial Cancer is Associated With a High Density of Tumor-Associated Macrophages in the Stromal Compartment. <i>Reproductive Sciences</i> , 2015, 22, 948-953.	1.1	18
78	Characterization of Molecular Changes in Endometrium Associated With Chronic Use of Progesterone Receptor Modulators: Ulipristal Acetate Versus Mifepristone. <i>Reproductive Sciences</i> , 2018, 25, 320-328.	1.1	17
79	Endometriosis as a Comorbid Condition in Chronic Fatigue Syndrome (CFS): Secondary Analysis of Data From a CFS Case-Control Study. <i>Frontiers in Pediatrics</i> , 2019, 7, 195.	0.9	17
80	A hypoxia-induced Rab pathway regulates embryo implantation by controlled trafficking of secretory granules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14532-14542.	3.3	17
81	Trisomic pregnancies have normal human chorionic gonadotropin bioactivity. <i>Prenatal Diagnosis</i> , 1991, 11, 1-6.	1.1	16
82	Preeclampsia: An Old Disease with New Tools for Better Diagnosis and Risk Management. <i>Clinical Chemistry</i> , 2015, 61, 694-698.	1.5	16
83	Msx Homeobox Genes Act Downstream of BMP2 to Regulate Endometrial Decidualization in Mice and in Humans. <i>Endocrinology</i> , 2019, 160, 1631-1644.	1.4	16
84	Increased Prevalence of Preeclampsia among Women Undergoing Procedural Intervention for Renal Artery Fibromuscular Dysplasia. <i>Annals of Vascular Surgery</i> , 2015, 29, 1105-1110.	0.4	15
85	Multiple Beneficial Roles of Repressor of Estrogen Receptor Activity (REA) in Suppressing the Progression of Endometriosis. <i>Endocrinology</i> , 2016, 157, 900-912.	1.4	15
86	Pioneer Factors FOXA1 and FOXA2 Assist Selective Glucocorticoid Receptor Signaling in Human Endometrial Cells. <i>Endocrinology</i> , 2017, 158, 4076-4092.	1.4	14
87	Retinoic Acid Is a Negative Regulator of sFLT1 Expression in Decidual Stromal Cells, and Its Levels Are Reduced in Preeclamptic Decidua. <i>Hypertension</i> , 2019, 73, 1104-1111.	1.3	14
88	Adiposity and Endometriosis Severity and Typology. <i>Journal of Minimally Invasive Gynecology</i> , 2020, 27, 1516-1523.	0.3	12
89	Angiogenic Effects of Norplant Contraception on Endometrial Histology and Uterine Bleeding. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2142-2147.	1.8	10
90	The role of soluble epoxide hydrolase in preeclampsia. <i>Medical Hypotheses</i> , 2017, 108, 81-85.	0.8	10

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91	Preoperative Circulating Lymphocyte and Monocyte Counts Correlate with Patient Outcomes in Type I and Type II Endometrial Cancer. <i>Reproductive Sciences</i> , 2020, 27, 194-203.	1.1	8
92	Alternatively Activated Macrophages Are the Primary Retinoic Acid-Producing Cells in Human Decidua. <i>Reproductive Sciences</i> , 2020, 27, 334-341.	1.1	8
93	Increased Von Willebrand Factor Expression in an Experimental Model of Preeclampsia Produced by Reduction of Uteroplacental Perfusion Pressure in Conscious Rhesus Monkeys. <i>Hypertension in Pregnancy</i> , 1997, 16, 177-185.	0.5	7
94	Systemic Iron Deficiency in a Nonhuman Primate Model of Endometriosis. <i>Comparative Medicine</i> , 2018, 68, 298-307.	0.4	7
95	Aberrant retinoic acid production in the decidua: Implications for pre-eclampsia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 1007-1016.	0.6	4
96	Human Endometrial Stromal Cell Differentiation is Stimulated by PPAR γ Activation: New Targets for Infertility?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2983-2995.	1.8	3
97	Clinical Manifestations, Diagnosis, and Treatment of Endometriosis. <i>Current Women's Health Reviews</i> , 2018, 14, 88-105.	0.1	2
98	Soluble epoxide hydrolase (sEH)- and UDP-glucuronosyltransferase (UGT)-dependent hypertension in pregnancy. <i>FASEB Journal</i> , 2013, 27, 560.1.	0.2	2
99	Cabergoline Stimulates Human Endometrial Stromal Cell Decidualization and Reverses Effects of Interleukin-1 β In Vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 3591-3604.	1.8	1
100	Human Placental Angiogenesis and its Implications in Disorders of Pregnancy.. <i>Biology of Reproduction</i> , 2008, 78, 51-51.	1.2	0
101	Anti-Inflammatory Protein Neuregulin-1B (NRG1 β) Is Identified in Ovarian Follicular Fluid and Microvesicles of Human and Porcine: A Possible Autocrine-Paracrine Function During Ovulation.. <i>Biology of Reproduction</i> , 2012, 87, 579-579.	1.2	0
102	Neurotrophins and Cytokines in Endometriosis Pain. <i>ISGE Series</i> , 2021, , 27-39.	0.2	0
103	Stress biomarkers as outcomes for support groups for people with memory loss and their caregivers (SO CALM). <i>Alzheimer's and Dementia</i> , 2021, 17, e052399.	0.4	0