Christopher R Murphy

List of Publications by Citations

159 papers	2,810 citations	29 h-index	44 g-index
162 ext. papers	3,004 ext. citations	3.1 avg, IF	5.2 L-index

#	Paper	IF	Citations
159	Uterine receptivity and the plasma membrane transformation. *Cell Research*, **2004**, 14, 259-67	24.7	139
158	Interleukin-1 receptor antagonist prevents embryonic implantation by a direct effect on the endometrial epithelium. *Fertility and Sterility*, **1998**, 70, 896-906	4.8	106
157	Estrogen protects lenses against cataract induced by transforming growth factor-beta (TGFbeta). *Journal of Experimental Medicine*, **1997**, 185, 273-80	16.6	103
156	The cytoskeleton of uterine epithelial cells: a new player in uterine receptivity and the plasma membrane transformation. *Human Reproduction Update*, **1995**, 1, 567-80	15.8	79
155	Redistribution of aquaporins 1 and 5 in the rat uterus is dependent on progesterone: a study with light and electron microscopy. *Reproduction*, **2006**, 131, 369-78	3.8	72
154	Effects of ovarian hormones on cell membranes in the rat uterus. III. The surface carbohydrates at the apex of the luminal epithelium. *Cell Biophysics*, **1981**, 3, 305-20		67
153	Understanding the apical surface markers of uterine receptivity: pinopods-or uterodomes?. *Human Reproduction*, **2000**, 15, 2451-4	5.7	66
152	Correlation of endometrial histology, morphometry, and ultrasound appearance after different stimulation protocols for in vitro fertilization. *Fertility and Sterility*, **1991**, 55, 583-7	4.8	60
151	Junctional barrier complexes undergo major alterations during the plasma membrane transformation of uterine epithelial cells. *Human Reproduction*, **2000**, 15 Suppl 3, 182-8	5.7	57
150	The structure of tight junctions between uterine luminal epithelial cells at different stages of pregnancy in the rat. *Cell and Tissue Research*, **1982**, 223, 281-6	4.2	54
149	Cyto-epitheliochorial placenta of the viviparous lizard Pseudemoia entrecasteauxii: a new placental morphotype. *Journal of Morphology*, **2005**, 264, 264-76	1.6	53
148	Redistribution of aquaporins in uterine epithelial cells at the time of implantation in the rat. *Acta Histochemica*, **2004**, 106, 299-307	2	49
147	Plasma membrane transformation: a common response of uterine epithelial cells during the peri-implantation period. *Cell Biology International*, **1994**, 18, 1115-28	4.5	49
146	Aquaporins are upregulated in glandular epithelium at the time of implantation in the rat. *Journal of Molecular Histology*, **2007**, 38, 87-95	3.3	45
145	Focal adhesions disassemble during early pregnancy in rat uterine epithelial cells. *Reproduction, Fertility and Development*, **2008**, 20, 892-9	1.8	42
144	Human growth hormone and interleukin-6 are upregulated in endometriosis and endometrioid adenocarcinoma. *Acta Histochemica*, **2006**, 108, 13-8	2	41
143	Alterations in tight junction molecules of uterine epithelial cells during early pregnancy in the rat. *Acta Histochemica*, **2002**, 104, 149-55	2	41

142	Integrin β3 in rat blastocysts and epithelial cells is essential for implantation in vitro: studies with Ishikawa cells and small interfering RNA transfection. *Human Reproduction*, **2011**, 26, 1665-74	5.7	39
141	Human uterodomes (pinopods) do not display pinocytotic function. *Human Reproduction*, **2002**, 17, 1980-6	5.7	39
140	Evolution of viviparity: what can Australian lizards tell us?. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2002**, 131, 631-43	2.3	39
139	β1) and (β3) integrins disassemble from basal focal adhesions and (β3) integrin is later localised to the apical plasma membrane of rat uterine luminal epithelial cells at the time of implantation. *Reproduction, Fertility and Development*, **2011**, 23, 481-95	1.8	38
138	The plasma membrane of uterine epithelial cells: structure and histochemistry. *Progress in Histochemistry and Cytochemistry*, **1993**, 27, 1-66		36
137	Ovarian hormones control the changing expression of claudins and occludin in rat uterine epithelial cells during early pregnancy. *Acta Histochemica*, **2010**, 112, 42-52	2	32
136	Uterine and placental angiogenesis in the Australian skinks, Ctenotus taeniolatus, and Saiphos equalis. *Anatomical Record*, **2010**, 293, 829-38	2.1	32
135	Pan-cadherin concentrates apically in uterine epithelial cells during uterine closure in the rat. *Acta Histochemica*, **1998**, 100, 75-81	2	32
134	Endometrial cell death during early pregnancy in the rat. *The Histochemical Journal*, **2000**, 32, 373-9		31
133	The plasma membrane transformation facilitates pregnancy in both reptiles and mammals. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2000**, 127, 433-9	2.6	30
132	Lysosomal and alkaline phosphatase activity indicate macromolecule transport across the uterine epithelium in two viviparous skinks with complex placenta. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2009**, 312, 817-26	1.8	29
131	A freeze-fracture electron microscopic study of tight junctions of epithelial cells in the human uterus. *Anatomy and Embryology*, **1982**, 163, 367-70		29
130	Placental function in lizards. *International Congress Series*, **2004**, 1275, 218-225		26
129	Reorganization of the apical cytoskeleton of uterine epithelial cells during early pregnancy in the rat: a study with myosin subfragment 1. *Biology of the Cell*, **1992**, 74, 195-202	3.5	26
128	Commonality within diversity: the plasma membrane transformation of uterine epithelial cells during early placentation. *Journal of Assisted Reproduction and Genetics*, **1998**, 15, 179-83	3.4	24
127	Distributional changes of purinergic receptor subtypes (P2X 1-7) in uterine epithelial cells during early pregnancy. *The Histochemical Journal*, **2000**, 32, 365-72		24
126	CALCIUM TRANSPORT ACROSS THE UTERINE EPITHELIUM OF PREGNANT LIZARDS. *Herpetological Monographs*, **2006**, 20, 205	1.5	23
125	Ovarian hormones regulate expression of the focal adhesion proteins, talin and paxillin, in rat uterine luminal but not glandular epithelial cells. *Histochemistry and Cell Biology*, **2009**, 132, 613-22	2.4	22

124	Desmosomes in uterine epithelial cells decrease at the time of implantation: an ultrastructural and morphometric study. *Journal of Morphology*, **2006**, 267, 103-8	1.6	22
123	Manipulation of the follicular phase: Uterodomes and pregnancy - is there a correlation?. *BMC Pregnancy and Childbirth*, **2001**, 1, 2	3.2	22
122	Turner's syndrome patients lack tight junctions between uterine epithelial cells. *Human Reproduction*, **1992**, 7, 883-5	5.7	22
121	Angiogenesis of the uterus and chorioallantois in the eastern water skink Eulamprus quoyii. *Journal of Experimental Biology*, **2010**, 213, 3340-7	3	21
120	Viviparous lizard, Eulamprus tympanum, shows changes in the uterine surface epithelium during early pregnancy that are similar to the plasma membrane transformation of mammals. *Journal of Morphology*, **2003**, 258, 346-57	1.6	21
119	Unusual angiogenic factor plays a role in lizard pregnancy but is not unique to viviparity. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2015**, 324, 152-8	1.8	20
118	Aquaporin-1 increases in the rat myometrium during early pregnancy. *Journal of Molecular Histology*, **2004**, 35, 75-9	3.3	20
117	Cytoskeletal alterations in the microvilli of uterine epithelial cells during early pregnancy. *Acta Histochemica*, **1989**, 87, 131-6	2	20
116	Extracellular matrix proteins secreted from both the endometrium and the embryo are required for attachment: a study using a co-culture model of rat blastocysts and Ishikawa cells. *Journal of Morphology*, **2013**, 274, 63-72	1.6	19
115	The tight junctional protein occludin is found in the uterine epithelium of squamate reptiles. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2007**, 177, 935-43	2.2	19
114	Progesterone treatment and the progress of early pregnancy reduce desmoglein 1&2 staining along the lateral plasma membrane in rat uterine epithelial cells. *Acta Histochemica*, **2004**, 106, 345-51	2	19
113	Purinergic receptor expression in the apical plasma membrane of rat uterine epithelial cells during implantation. *Cell Calcium*, **2002**, 31, 201-7	4	19
112	The purinergic calcium channels P2X1,2,5,7 are down-regulated while P2X3,4,6 are up-regulated during apoptosis in the ageing rat prostate. *The Histochemical Journal*, **2000**, 32, 571-80		19
111	Changes in the apical microfilaments of rat uterine epithelial cells in response to estradiol and progesterone. *The Anatomical Record*, **1992**, 233, 521-6		19
110	Chondroitin sulphate and heparan sulfate proteoglycan are sequentially expressed in the uterine extracellular matrix during early pregnancy in the rat. *Matrix Biology*, **1999**, 18, 125-31	11.4	18
109	The plasma membrane transformation does not last: microvilli return to the apical plasma membrane of uterine epithelial cells after the period of uterine receptivity. *European Journal of Morphology*, **1997**, 35, 19-24		18
108	Focal adhesion kinase localizes to sites of cell-to-cell contact in vivo and increases apically in rat uterine luminal epithelium and the blastocyst at the time of implantation. *Journal of Morphology*, **2012**, 273, 639-50	1.6	17
107	Uterine epithelial changes during placentation in the viviparous skink Eulamprus tympanum. *Journal of Morphology*, **2007**, 268, 385-400	1.6	17

106	MORPHOLOGICAL AND FUNCTIONAL CHANGES TO THE UTERUS OF LIZARDS WITH DIFFERENT PLACENTAL COMPLEXITIES. *Herpetological Monographs*, **2006**, 20, 178	1.5	17
105	Tenascin, E-cadherin and P2X calcium channel receptor expression is increased during rat blastocyst implantation. *The Histochemical Journal*, **2002**, 34, 13-9		17
104	Closure of the uterine lumen and the plasma membrane transformation do not require blastocyst implantation. *European Journal of Morphology*, **2000**, 38, 122-7		17
103	Uterine epithelial cell changes during pregnancy in a marsupial (Sminthopsis crassicaudata; Dasyuridae). *Journal of Morphology*, **2014**, 275, 1081-92	1.6	16
102	Changing distribution of cadherins during gestation in the uterine epithelium of lizards. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2011**, 316, 440-50	1.8	16
101	Actin-binding proteins undergo major alterations during the plasma membrane transformation in uterine epithelial cells. *The Anatomical Record*, **1996**, 246, 71-7		16
100	Cytoskeletal control of the apical surface transformation of rat uterine epithelium. *Biology of the Cell*, **1993**, 79, 111-6	3.5	16
99	Effects of ovarian hormones on cell membranes in the rat uterus. I. Freeze fracture studies of the apical membrane of the liminal epithelium. *Cell Biophysics*, **1979**, 1, 181-93		16
98	Expression of VEGF and other VEGF-A variants in the rat uterus is correlated with stage of pregnancy. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2017**, 187, 353-360	2.2	15
97	Claudin-5 is restricted to the tight junction region of uterine epithelial cells in the uterus of pregnant/gravid squamate reptiles. *Anatomical Record*, **2008**, 291, 547-56	2.1	15
96	Uptake of dextran-FITC by epithelial cells of the chorioallantoic placentome and the omphalopleure of the placentotrophic lizard, Pseudemoia entrecasteauxii. *Journal of Experimental Zoology Part A, Comparative Experimental Biology*, **2006**, 305, 883-9		15
95	Endometrial response to IVF hormonal manipulation: comparative analysis of menopausal, down regulated and natural cycles. *Reproductive Biology and Endocrinology*, **2004**, 2, 21	5	15
94	Uterine glandular area during the menstrual cycle and the effects of different in-vitro fertilization related hormonal treatments. *Human Reproduction*, **1996**, 11, 376-9	5.7	15
93	Desmoglein-2 during pregnancy and its role in the evolution of viviparity in a marsupial (Sminthopsis crassicaudata; Dasyuridae). *Journal of Morphology*, **2015**, 276, 261-72	1.6	14
92	Placentation in the eastern water skink (Eulamprus quoyii): a placentome-like structure in a lecithotrophic lizard. *Journal of Anatomy*, **2011**, 218, 678-89	2.9	14
91	Desmosomes in the uterine epithelium of noninvasive skink placentae. *Anatomical Record*, **2010**, 293, 502-12	2.1	14
90	Endometriotic cells exhibit metaplastic change and oxidative DNA damage as well as decreased function, compared to normal endometrium. *Journal of Molecular Histology*, **2005**, 36, 257-63	3.3	14
89	Fundamentals of viviparity: comparison of seasonal changes in the uterine epithelium of oviparous and viviparous Lerista bougainvillii (Squamata: Scincidae). *Journal of Morphology*, **2007**, 268, 624-35	1.6	13

88	Leucocyte involvement in lectin-induced deciduomata formation. *Cell Biology International*, **1995**, 19, 577-84	4.5	13
87	Ovarian hyperstimulation affects fluid transporters in the uterus: a potential mechanism in uterine receptivity. *Reproduction, Fertility and Development*, **2014**, 26, 982-90	1.8	12
86	Uterine epithelial cells: Serving two masters. *International Journal of Biochemistry and Cell Biology*, **2013**, 45, 359-63	5.6	12
85	Claudin 7 is reduced in uterine epithelial cells during early pregnancy in the rat. *Histochemistry and Cell Biology*, **2013**, 139, 583-93	2.4	12
84	Ubiquitin is associated with the survival of ectopic stromal cells in endometriosis. *Reproductive Biology and Endocrinology*, **2004**, 2, 69	5	12
83	Hormonal control of enzyme activity during the plasma membrane transformation of uterine epithelial cells. *Cell Biology International*, **2001**, 25, 859-71	4.5	12
82	Changes in growth factor expression in the ageing prostate may disrupt epithelial-stromal homeostasis. *The Histochemical Journal*, **2000**, 32, 357-64		12
81	Thrombospondin is sequentially expressed and then de-expressed during early pregnancy in the rat uterus. *The Histochemical Journal*, **1999**, 31, 471-5		12
80	Unmasking of surface negativity on day 6 pregnant rat uterine epithelial cells by trypsin and pronase. *Acta Histochemica*, **1989**, 86, 33-8	2	12
79	Co-expression of interleukin-6 and human growth hormone in apparently normal prostate biopsies that ultimately progress to prostate cancer using low pH, high temperature antigen retrieval. *Journal of Molecular Histology*, **2006**, 37, 37-41	3.3	11
78	Changes in oviductal morphology of the skink, Lampropholis guichenoti, associated with egg production. *Journal of Morphology*, **2004**, 262, 536-44	1.6	11
77	Uterine and chorioallantoic angiogenesis and changes in the uterine epithelium during gestation in the viviparous lizard, niveoscincus conventryi (Squamata: Scincidae). *Journal of Morphology*, **2012**, 273, 8-23	1.6	10
76	Epithelial cadherin disassociates from the lateral plasma membrane of uterine epithelial cells throughout pregnancy in a marsupial. *Journal of Anatomy*, **2017**, 231, 359-365	2.9	10
75	Alterations in distribution of actin binding proteins in uterine stromal cells during decidualization in the rat. *Cell Biology International*, **1998**, 22, 237-43	4.5	10
74	Calcium ATPase expression in the oviducts of the skink, Lampropholis guichenoti. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2007**, 147, 1090-4	2.6	10
73	Detection of preneoplasia in histologically normal prostate biopsies. *Prostate Cancer and Prostatic Diseases*, **2001**, 4, 92-96	6.2	10
72	A successful pregnancy following SEM fine tuning of hormonal priming. *BMC Pregnancy and Childbirth*, **2001**, 1, 3	3.2	10
71	Differential expression of insulin-like growth factors in the uterine epithelium and extracellular matrix during early pregnancy. *Matrix Biology*, **1999**, 18, 579-84	11.4	10

70	Junctional plaque proteins shift to the apical surface of uterine epithelial cells during early pregnancy in the rat. *Acta Histochemica*, **1999**, 101, 147-56	2	10
69	Uterine and eggshell modifications associated with the evolution of viviparity in South American water snakes (Helicops spp.). *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2018**, 330, 165-180	1.8	9
68	ICAM1 and fibrinogen-are increased in uterine epithelial cells at the time of implantation in rats. *Molecular Reproduction and Development*, **2011**, 78, 318-27	2.6	9
67	Cytoskeletal proteins in uterine epithelial cells only partially return to the pre-receptive state after the period of receptivity. *Acta Histochemica*, **2002**, 104, 235-44	2	9
66	Detection of apoptotic DNA damage in prostate hyperplasia using tyramide-amplified avidin-HRP. *The Histochemical Journal*, **1999**, 31, 747-9		9
65	Freeze-fracture cytochemistry with polymyxin B. A study on the plasma membrane of uterine epithelial cells. *Histochemistry*, **1984**, 80, 327-31		9
64	Correlated light and electron microscopy observations of the uterine epithelial cell actin cytoskeleton using fluorescently labeled resin-embedded sections. *Micron*, **2016**, 84, 61-6	2.3	9
63	Uterine focal adhesion dynamics during pregnancy in a marsupial (Sminthopsis crassicaudata; Dasyuridae). *Anatomical Record*, **2017**, 300, 1150-1159	2.1	8
62	The adherens junction is lost during normal pregnancy but not during ovarian hyperstimulated pregnancy. *Acta Histochemica*, **2016**, 118, 137-43	2	8
61	Calpain 2 activity increases at the time of implantation in rat uterine luminal epithelial cells and administration of calpain inhibitor significantly reduces implantation sites. *Histochemistry and Cell Biology*, **2014**, 141, 423-30	2.4	8
60	Digitonin cytochemistry reveals cholesterol-rich vesicles in uterine epithelial cells. *Acta Histochemica*, **1987**, 81, 143-7	2	8
59	Ovarian Hyperstimulation Reduces Vascular Endothelial Growth Factor-A During Uterine Receptivity. *Reproductive Sciences*, **2019**, 26, 259-268	3	8
58	Caveolins redistribute in uterine epithelial cells during early pregnancy in the rat: an epithelial polarisation strategy?. *Histochemistry and Cell Biology*, **2014**, 142, 555-67	2.4	7
57	Morphology and development of the placentae in Eulamprus quoyii group skinks (Squamata: Scincidae). *Journal of Anatomy*, **2012**, 220, 454-71	2.9	7
56	Expression and localization of Ca2+-ATPase in the uterus during the reproductive cycle of king quail (Coturnix chinensis) and zebra finch (Poephila guttata). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2008**, 149, 30-5	2.6	7
55	Uterine remodelling during pregnancy and pseudopregnancy in the brushtail possum (Trichosurus vulpecula; Phalangeridae). *Journal of Anatomy*, **2017**, 231, 84-94	2.9	6
54	VEGF111: new insights in tissue invasion. *Frontiers in Physiology*, **2015**, 6, 2	4.6	6
53	Carbonic anhydrase II is found in the placenta of a viviparous, matrotrophic lizard and likely facilitates embryo-maternal CO2 transport. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2015**, 324, 636-46	1.8	6

52	Uterine epithelial morphology and progesterone receptors in a mifepristone-treated viviparous lizard Pseudemoia entrecasteauxii (Squamata: Scincidae) during gestation. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2012**, 318, 148-58	1.8	6
51	Ezrin and EBP50 redistribute apically in rat uterine epithelial cells at the time of implantation and in response to cell contact. *Cell and Tissue Research*, **2011**, 343, 445-53	4.2	6
50	Transforming growth factors alpha and beta-1 are co-expressed in the uterine epithelium during early pregnancy. *Cell and Tissue Research*, **2000**, 300, 315-20	4.2	6
49	Differential alterations in the distribution of three phosphatase enzymes during the plasma membrane transformation of uterine epithelial cells in the rat. *Cell Biology International*, **1999**, 23, 21-30	4.5	6
48	The cytoskeleton of uterine epithelialand stromal cells. *Reproductive Medicine and Assisted Reproductive Techniques Series*, **2008**, 66-75		6
47	Uterine focal adhesions are retained at implantation after rat ovarian hyperstimulation. *Reproduction*, **2016**, 152, 753-763	3.8	6
46	Nectin-3 Is Increased in the Cell Junctions of the Uterine Epithelium at Implantation. *Reproductive Sciences*, **2016**, 23, 1580-1592	3	5
45	Expression of vascular endothelial growth factor A isoforms is dysregulated in women with endometriosis. *Reproduction, Fertility and Development*, **2018**, 30, 651-657	1.8	5
44	Temporal changes in the expression of platelet-derived growth factor and fibronectin in the uterine epithelium during early pregnancy. *The Anatomical Record*, **1999**, 255, 1-6		5
43	Premature implantation may be prevented by an inhibitory system regulated by epidermal growth factor. *Acta Histochemica*, **1999**, 101, 121-6	2	5
42	Morphometric and freeze fracture studies of human endometrium during the peri-implantation period. *Reproduction, Fertility and Development*, **1992**, 4, 265-9	1.8	5
41	Colloidal iron hydroxide staining of surface carbohydrates after glycerol treatment of uterine epithelial cells. *Histochemistry*, **1984**, 80, 45-8		5
40	Non-invasive placentation in the marsupials Macropus eugenii (Macropodidae) and Trichosurus vulpecula (Phalangeridae) involves redistribution of uterine Desmoglein-2. *Molecular Reproduction and Development*, **2018**, 85, 72-82	2.6	5
39	ICAM-2 and lipid rafts disappear from the basal plasma membrane of uterine epithelial cells during early pregnancy in rats. *Cell and Tissue Research*, **2013**, 353, 563-73	4.2	4
38	Uterine molecular changes for non-invasive embryonic attachment in the marsupials Macropus eugenii (Macropodidae) and Trichosurus vulpecula (Phalangeridae). *Molecular Reproduction and Development*, **2017**, 84, 1076-1085	2.6	4
37	Mucin 15 is lost but mucin 13 remains in uterine luminal epithelial cells and the blastocyst at the time of implantation in the rat. *Reproduction, Fertility and Development*, **2014**, 26, 421-31	1.8	4
36	Immunohistochemical study of the ubiquitin-nuclear factor-kB pathway in the endometrium of the baboon (Papio anubis) with and without endometriosis. *Reproduction, Fertility and Development*, **2010**, 22, 1118-30	1.8	4
35	CD43 is relocated from the basal to the apical plasma membrane of rat uterine epithelial cells by progesterone. *Histochemistry and Cell Biology*, **2010**, 133, 549-55	2.4	4

34	Expression of glucosamine trisaccharides on the rat uterine surface is altered by clomiphene citrate. II. Combination with ovarian hormones. *Acta Histochemica*, **2000**, 102, 309-21	2	4
33	Expression of glucosamine trisaccharides on the rat uterine surface is altered by clomiphene citrate. *Acta Histochemica*, **1999**, 101, 383-96	2	4
32	Alkaline phosphatase distribution in the plasma membrane of uterine epithelial cells is markedly altered during early pregnancy in the rat. *Cell Biology International*, **1995**, 19, 921-8	4.5	4
31	Expression of the carbohydrate antigen CD15 in rat uterine epithelial cells during the early stages of pregnancy. *European Journal of Morphology*, **1998**, 36, 49-56		4
30	Structure of the paraplacenta and the yolk sac placenta of the viviparous Australian sharpnose shark, Rhizoprionodon taylori. *Placenta*, **2021**, 108, 11-22	3.4	4
29	EpCAM is decreased but is still present in uterine epithelial cells during early pregnancy in the rat: potential mechanism for maintenance of mucosal integrity during implantation. *Cell and Tissue Research*, **2015**, 359, 655-664	4.2	3
28	Structural changes to the uterus of the dwarf ornate wobbegong shark (Orectolobus ornatus) during pregnancy. *Journal of Morphology*, **2020**, 281, 428-437	1.6	3
27	Uterine epithelial remodelling during pregnancy in the marsupial Monodelphis domestica (Didelphidae): Implications for mammalian placental evolution. *Journal of Anatomy*, **2020**, 236, 1126-1136	2.9	3
26	Actin crosslinking protein filamin A during early pregnancy in the rat uterus. *Reproduction, Fertility and Development*, **2016**, 28, 960-968	1.8	3
25	Microtubules are reorganised and fragmented for uterine receptivity. *Cell and Tissue Research*, **2018**, 374, 667-677	4.2	3
24	VEGF: inflammatory paradoxes. *Pathogens and Global Health*, **2015**, 109, 253-4	3.1	3
23	Moesin is involved in the cytoskeletal remodelling of rat decidual cells. *Acta Histochemica*, **2008**, 110, 491-6	2	3
22	Ultrastructural localisation of Muc-1 on the plasma membrane of uterine epithelial cells. *Acta Histochemica*, **2003**, 105, 239-43	2	3
21	Changes in intralysosomal environment in the uterine epithelium during early pregnancy in the rat. *Acta Histochemica*, **1990**, 89, 167-72	2	3
20	Avidin-ferritin cytochemistry on lectin receptors of uterine epithelial cells in the rat. *Acta Histochemica*, **1987**, 82, 193-7	2	3
19	Sex steroids influence the plasma membrane transformation in the uterus of the fat-tailed dunnart (Sminthopsis crassicaudata, Marsupialia). *Reproduction, Fertility and Development*, **2019**, 31, 633-644	1.8	3
18	Dynamic changes to claudins in the uterine epithelial cells of the marsupial Sminthopsis crassicaudata (Dasyuridae) during pregnancy. *Molecular Reproduction and Development*, **2019**, 86, 639-649	2.6	2
17	PTRF is associated with caveolin 1 at the time of receptivity: but SDPR is absent at the same time. *Histochemistry and Cell Biology*, **2015**, 143, 637-44	2.4	2

16	Change in distribution of cytoskeleton-associated proteins, lasp-1 and palladin, during uterine receptivity in the rat endometrium. *Reproduction, Fertility and Development*, **2018**, 30, 1482-1490	1.8	2
15	Changes to the uterine epithelium during the reproductive cycle of two viviparous lizard species (Niveoscincus spp.). *Acta Zoologica*, **2015**, 96, 497-509	0.8	2
14	Structure and permeability of the egg capsule of the placental Australian sharpnose shark, Rhizoprionodon taylori.. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2022**, 192, 263	2.2	2
13	Uterine Epithelial Cells Undergo a Plasma Membrane Transformation During Early Pregnancy in the Domestic Cat (Felis catus). *Anatomical Record*, **2018**, 301, 1497-1505	2.1	2
12	Prominin-1 glycosylation changes throughout early pregnancy in uterine epithelial cells under the influence of maternal ovarian hormones. *Reproduction, Fertility and Development*, **2017**, 29, 1194-1208	1.8	1
11	Heparin-binding EGF-like growth factor is seen on the extracellular surface of uterine epithelial cells only after the initial stages of blastocyst attachment. *The Histochemical Journal*, **2002**, 34, 339-43		1
10	Glycerol increases the cytochemical detectability of cholesterol in the apical plasma membrane of uterine epithelial cells. *Histochemistry*, **1987**, 87, 7-11		1
9	Cytoskeletal control of the apical surface transformation of rat uterine epithelium **1993**, 79, 111		1
8	Three-dimensional reconstruction of leukocyte internalisation in the luminal uterine epithelium following mating. *Experimental Cell Research*, **2020**, 386, 111727	4.2	1
7	Parvin and parvin in the rat uterus during decidualisation and uterine receptivity. *Histochemistry and Cell Biology*, **2019**, 151, 395-406	2.4	1
6	Uterine Receptivity in Merriam's Kangaroo Rat (Dipodomys merriami). *Anatomical Record*, **2018**, 301, 1928-1935	2.1	1
5	Membrane trafficking directed by VAMP2 and syntaxin 3 in uterine epithelial cells. *Reproduction*, **2020**, 160, 533-546	3.8	0
4	Rab13 and Desmosome Redistribution in Uterine Epithelial Cells During Early Pregnancy. *Reproductive Sciences*, **2021**, 28, 1981-1988	3	0
3	Prominin-2 Prevents the Formation of Caveolae in Normal and Ovarian Hyperstimulated Pregnancy. *Reproductive Sciences*, **2018**, 25, 1231-1242	3	0
2	Leucocyte binding to the uterine epithelial cell surface during lectin-induced decidualization. *Cell Biology International*, **1996**, 20, 717-22	4.5	
1	Differences in muscle fiber growth in slow-twitch muscles of the forelimb and hindlimb of the rat: role of the pituitary and food intake. *Growth, Development and Aging*, **2002**, 66, 79-93		