

Jeffrey A Keelan

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.

180
papers

7,043
citations

47
h-index

75
g-index

188
ext. papers

7,905
ext. citations

4.3
avg, IF

6.14
L-index

#	Paper	IF	Citations
180	Cytokines, prostaglandins and parturition--a review. <i>Placenta</i> , 2003 , 24 Suppl A, S33-46	3.4	447
179	Drug transfer and metabolism by the human placenta. <i>Clinical Pharmacokinetics</i> , 2004 , 43, 487-514	6.2	406
178	Cytokines of the placenta and extra-placental membranes: roles and regulation during human pregnancy and parturition. <i>Placenta</i> , 2002 , 23, 257-73	3.4	267
177	Cytokine abundance in placental tissues: evidence of inflammatory activation in gestational membranes with term and preterm parturition. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 181, 1530-6	6.4	185
176	Cytokines of the placenta and extra-placental membranes: biosynthesis, secretion and roles in establishment of pregnancy in women. <i>Placenta</i> , 2002 , 23, 239-56	3.4	182
175	The Not-so-Sterile Womb: Evidence That the Human Fetus Is Exposed to Bacteria Prior to Birth. <i>Frontiers in Microbiology</i> , 2019 , 10, 1124	5.7	149
174	Independent regulation of apical and basolateral drug transporter expression and function in placental trophoblasts by cytokines, steroids, and growth factors. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 595-601	4	135
173	In vitro maturation as an alternative to standard in vitro fertilization for patients diagnosed with polycystic ovaries: a comparative analysis of fresh, frozen and cumulative cycle outcomes. <i>Human Reproduction</i> , 2015 , 30, 88-96	5.7	123
172	ABC drug transporter expression and functional activity in trophoblast-like cell lines and differentiating primary trophoblast. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 290, R1357-65	3.2	120
171	15-Deoxy-Delta(12,14)-prostaglandin J(2), a ligand for peroxisome proliferator-activated receptor-gamma, induces apoptosis in JEG3 choriocarcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 262, 579-85	3.4	107
170	Prenatal testosterone exposure is related to sexually dimorphic facial morphology in adulthood. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20151351	4.4	99
169	Interleukin (IL)-6 and IL-8 production by human amnion: regulation by cytokines, growth factors, glucocorticoids, phorbol esters, and bacterial lipopolysaccharide. <i>Biology of Reproduction</i> , 1997 , 57, 1438-44	3.9	95
168	Critical paracrine interactions between TNF-alpha and IL-10 regulate lipopolysaccharide-stimulated human chorionic cytotrophoblast cytokine and prostaglandin E2 production. <i>Journal of Immunology</i> , 2003 , 170, 158-66	5.3	92
167	UDP-glucuronosyltransferase activity, expression and cellular localization in human placenta at term. <i>Biochemical Pharmacology</i> , 2002 , 63, 409-19	6	91
166	Effects of gestational age and surface modification on materno-fetal transfer of nanoparticles in murine pregnancy. <i>Scientific Reports</i> , 2012 , 2, 847	4.9	90
165	Use of cDNA arrays to generate differential expression profiles for inflammatory genes in human gestational membranes delivered at term and preterm. <i>Molecular Human Reproduction</i> , 2002 , 8, 399-408	4.4	90
164	Planting the seed: Origins, composition, and postnatal health significance of the fetal gastrointestinal microbiota. <i>Critical Reviews in Microbiology</i> , 2017 , 43, 352-369	7.8	89

163	Metabolizing enzyme localization and activities in the first trimester human placenta: the effect of maternal and gestational age, smoking and alcohol consumption. <i>Human Reproduction</i> , 2002 , 17, 2564-72	5.7	88
162	Transport of lipids by ABC proteins: interactions and implications for cellular toxicity, viability and function. <i>Chemico-Biological Interactions</i> , 2009 , 180, 327-39	5	86
161	Activin A exerts both pro- and anti-inflammatory effects on human term gestational tissues. <i>Placenta</i> , 2000 , 21, 38-43	3.4	86
160	The ABC transporter BCRP/ABCG2 is a placental survival factor, and its expression is reduced in idiopathic human fetal growth restriction. <i>FASEB Journal</i> , 2007 , 21, 3592-605	0.9	84
159	A Critical Review of the Bacterial Baptism Hypothesis and the Impact of Cesarean Delivery on the Infant Microbiome. <i>Frontiers in Medicine</i> , 2018 , 5, 135	4.9	81
158	The influence of antenatal exposure to phthalates on subsequent female reproductive development in adolescence: a pilot study. <i>Reproduction</i> , 2014 , 147, 379-90	3.8	69
157	Strategies to prevent preterm birth. <i>Frontiers in Immunology</i> , 2014 , 5, 584	8.4	69
156	Therapeutic and safety considerations of nanoparticle-mediated drug delivery in pregnancy. <i>Nanomedicine</i> , 2015 , 10, 2229-47	5.6	67
155	Placental ABCA1 and ABCG1 transporters efflux cholesterol and protect trophoblasts from oxysterol induced toxicity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 1013-24	5	67
154	Active transport across the human placenta: impact on drug efficacy and toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2006 , 2, 51-69	5.5	65
153	Effects of maternal n-3 fatty acid supplementation on placental cytokines, pro-resolving lipid mediators and their precursors. <i>Reproduction</i> , 2015 , 149, 171-8	3.8	64
152	Intrauterine inflammatory activation, functional progesterone withdrawal, and the timing of term and preterm birth. <i>Journal of Reproductive Immunology</i> , 2018 , 125, 89-99	4.2	64
151	Androgen concentrations in umbilical cord blood and their association with maternal, fetal and obstetric factors. <i>PLoS ONE</i> , 2012 , 7, e42827	3.7	63
150	Identification and removal of contaminating microbial DNA from PCR reagents: impact on low-biomass microbiome analyses. <i>Letters in Applied Microbiology</i> , 2019 , 68, 2-8	2.9	61
149	Sex-specific associations between umbilical cord blood testosterone levels and language delay in early childhood. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2012 , 53, 726-34	7.9	59
148	Regulation of activin-A production by human amnion, decidua and placenta in vitro by pro-inflammatory cytokines. <i>Placenta</i> , 1998 , 19, 429-34	3.4	57
147	The molecular mechanisms of term and preterm labor: recent progress and clinical implications. <i>Clinical Obstetrics and Gynecology</i> , 1997 , 40, 460-78	1.7	57
146	Epithelial cell-derived neutrophil-activating peptide-78 is present in fetal membranes and amniotic fluid at increased concentrations with intra-amniotic infection and preterm delivery. <i>Biology of Reproduction</i> , 2004 , 70, 253-9	3.9	55

145	Testicular function in a birth cohort of young men. <i>Human Reproduction</i> , 2015 , 30, 2713-24	5.7	53
144	Nanoparticulate drug delivery in pregnancy: placental passage and fetal exposure. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 731-42	2.6	53
143	Perinatal testosterone exposure and autistic-like traits in the general population: a longitudinal pregnancy-cohort study. <i>Journal of Neurodevelopmental Disorders</i> , 2012 , 4, 25	4.6	52
142	Sex differences in umbilical cord serum levels of inhibin, testosterone, oestradiol, dehydroepiandrosterone sulphate, and sex hormone-binding globulin in human term neonates. <i>Neonatology</i> , 1994 , 65, 287-94	4	52
141	The pregnant women as a drug orphan: a global survey of registered clinical trials of pharmacological interventions in pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017 , 124, 132-140	3.7	51
140	Maternal dietary omega-3 fatty acid supplementation reduces placental oxidative stress and increases fetal and placental growth in the rat. <i>Biology of Reproduction</i> , 2013 , 88, 37	3.9	51
139	Oxysterols exert proinflammatory effects in placental trophoblasts via TLR4-dependent, cholesterol-sensitive activation of NF- κ B. <i>Molecular Human Reproduction</i> , 2012 , 18, 341-53	4.4	51
138	Adult digit ratio (2D:4D) is not related to umbilical cord androgen or estrogen concentrations, their ratios or net bioactivity. <i>Early Human Development</i> , 2015 , 91, 111-7	2.2	50
137	Reducing preterm birth by a statewide multifaceted program: an implementation study. <i>American Journal of Obstetrics and Gynecology</i> , 2017 , 216, 434-442	6.4	49
136	Expression of angiogenic and neurotrophic factors in the human amnion and chorion. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 728-734	6.4	48
135	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL), TRAIL receptors, and the soluble receptor osteoprotegerin in human gestational membranes and amniotic fluid during pregnancy and labor at term and preterm. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3835-44	5.6	47
134	The 15-deoxy-delta(12,14)-prostaglandin J(2)receptor, peroxisome proliferator activated receptor-gamma (PPARgamma) is expressed in human gestational tissues and is functionally active in JEG3 choriocarcinoma cells. <i>Placenta</i> , 2000 , 21, 436-40	3.4	46
133	Maternal dietary omega-3 fatty acid intake increases resolvins and protectins in the rat placenta. <i>Journal of Lipid Research</i> , 2013 , 54, 2247-2254	6.3	45
132	Expression, localisation and activity of ATP binding cassette (ABC) family of drug transporters in human amnion membranes. <i>Placenta</i> , 2007 , 28, 868-77	3.4	43
131	Key enzymes of prostaglandin biosynthesis and metabolism. Coordinate regulation of expression by cytokines in gestational tissues: a review. <i>Prostaglandins and Other Lipid Mediators</i> , 1999 , 57, 243-57	3.7	43
130	Measurement of androgen and estrogen concentrations in cord blood: accuracy, biological interpretation, and applications to understanding human behavioral development. <i>Frontiers in Endocrinology</i> , 2014 , 5, 64	5.7	42
129	Placental ABC transporters, cellular toxicity and stress in pregnancy. <i>Chemico-Biological Interactions</i> , 2013 , 203, 456-66	5	42
128	Antioxidant defenses in the rat placenta in late gestation: increased labyrinthine expression of superoxide dismutases, glutathione peroxidase 3, and uncoupling protein 2. <i>Biology of Reproduction</i> , 2010 , 83, 254-60	3.9	42

127	Cannabinoids stimulate prostaglandin production by human gestational tissues through a tissue- and CB1-receptor-specific mechanism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E352-6	6	42
126	Placental cytokines and preeclampsia. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 2706-27	2.8	42
125	Effects of nanoparticle size and gestational age on maternal biodistribution and toxicity of gold nanoparticles in pregnant mice. <i>Toxicology Letters</i> , 2014 , 230, 10-8	4.4	41
124	Corticotropin-releasing hormone, corticotropin-releasing hormone-binding protein, and activin A in maternal serum: prediction of preterm delivery and response to glucocorticoids in women with symptoms of preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 183, 643-8	6.4	40
123	Predicting preterm delivery: comparison of cervicovaginal interleukin (IL)-1beta, IL-6 and IL-8 with fetal fibronectin and cervical dilatation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2001 , 95, 154-8	2.4	40
122	In vitro maturation is associated with increased early embryo arrest without impairing morphokinetic development of useable embryos progressing to blastocysts. <i>Human Reproduction</i> , 2015 , 30, 1842-9	5.7	39
121	Maternal intravenous treatment with either azithromycin or solithromycin clears <i>Ureaplasma parvum</i> from the amniotic fluid in an ovine model of intrauterine infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 5413-20	5.9	38
120	The xenobiotic transporter ABCG2 plays a novel role in differentiation of trophoblast-like BeWo cells. <i>Placenta</i> , 2007 , 28 Suppl A, S116-20	3.4	37
119	Paradoxical proinflammatory actions of interleukin-10 in human amnion: potential roles in term and preterm labour. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 4149-52	5.6	37
118	Drugs to block cytokine signaling for the prevention and treatment of inflammation-induced preterm birth. <i>Frontiers in Immunology</i> , 2015 , 6, 166	8.4	36
117	The relationship between umbilical cord estrogens and perinatal characteristics. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 946-52	4	35
116	Prevention of inflammatory activation of human gestational membranes in an ex vivo model using a pharmacological NF-kappaB inhibitor. <i>Journal of Immunology</i> , 2009 , 183, 5270-8	5.3	35
115	Inhibition of choriodecidual cytokine production and inflammatory gene expression by selective I-kappaB kinase (IKK) inhibitors. <i>British Journal of Pharmacology</i> , 2010 , 160, 1808-22	8.6	34
114	Serum activin A, inhibin A, and follistatin concentrations in preeclampsia or small for gestational age pregnancies. <i>Obstetrics and Gynecology</i> , 2002 , 99, 267-74	4.9	34
113	Comparison of Meconium DNA Extraction Methods for Use in Microbiome Studies. <i>Frontiers in Microbiology</i> , 2018 , 9, 270	5.7	32
112	Oxysterols inhibit differentiation and fusion of term primary trophoblasts by activating liver X receptors. <i>Placenta</i> , 2011 , 32, 183-91	3.4	32
111	3Razido-3Rdeoxythymidine (AZT) induces apoptosis and alters metabolic enzyme activity in human placenta. <i>Toxicology and Applied Pharmacology</i> , 2003 , 192, 164-73	4.6	32
110	The association between perinatal testosterone concentration and early vocabulary development: a prospective cohort study. <i>Biological Psychology</i> , 2013 , 92, 212-5	3.2	31

109	Pharmacological inhibition of inflammatory pathways for the prevention of preterm birth. <i>Journal of Reproductive Immunology</i> , 2011 , 88, 176-84	4.2	31
108	Anti-inflammatory effects of interleukin-4, interleukin-10, and transforming growth factor-beta on human placental cells in vitro. <i>American Journal of Reproductive Immunology</i> , 1998 , 40, 319-25	3.8	31
107	Gestational age-dependent up-regulation of prostaglandin D synthase (PGDS) and production of PGDS-derived antiinflammatory prostaglandins in human placenta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 597-606	5.6	31
106	Insulin-like growth factor-I and binding proteins 1, 2, and 3 in bovine nuclear transfer pregnancies. <i>Biology of Reproduction</i> , 2004 , 70, 430-8	3.9	31
105	Ureaplasma parvum genotype, combined vaginal colonisation with Candida albicans, and spontaneous preterm birth in an Australian cohort of pregnant women. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 312	3.2	30
104	Human placental glucuronidation and transport of 3-azido-3-deoxythymidine and uridine diphosphate glucuronic acid. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 813-20	4	30
103	Nanomolar and micromolar effects of 15-deoxy-delta 12,14-prostaglandin J2 on amnion-derived WISH epithelial cells: differential roles of peroxisome proliferator-activated receptors gamma and delta and nuclear factor kappa B. <i>Molecular Pharmacology</i> , 2005 , 68, 169-78	4.3	30
102	Cytokine-induced coordinate expression of enzymes of prostaglandin biosynthesis and metabolism: 15-hydroxyprostaglandin dehydrogenase. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2000 , 62, 1-5	2.8	28
101	The Possible Impact of Antenatal Exposure to Ubiquitous Phthalates Upon Male Reproductive Function at 20 Years of Age. <i>Frontiers in Endocrinology</i> , 2018 , 9, 288	5.7	27
100	Inflammation of the fetal ovine skin following in utero exposure to Ureaplasma parvum. <i>Reproductive Sciences</i> , 2011 , 18, 1128-37	3	27
99	Concentrations of activin A, inhibin A and follistatin in human amnion, choriodecidual and placental tissues at term and preterm. <i>Journal of Endocrinology</i> , 1999 , 163, 99-106	4.7	27
98	The perinatal androgen to estrogen ratio and autistic-like traits in the general population: a longitudinal pregnancy cohort study. <i>Journal of Neurodevelopmental Disorders</i> , 2015 , 7, 17	4.6	26
97	Effects of cytokine-suppressive anti-inflammatory drugs on inflammatory activation in ex vivo human and ovine fetal membranes. <i>Reproduction</i> , 2014 , 147, 313-20	3.8	26
96	Repeated maternal intramuscular or intraamniotic erythromycin incompletely resolves intrauterine Ureaplasma parvum infection in a sheep model of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 134.e1-9	6.4	26
95	Maternal circulating adipokine profile and insulin resistance in women at high risk of developing gestational diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2017 , 75, 54-60	12.7	25
94	Applying Precision Public Health to Prevent Preterm Birth. <i>Frontiers in Public Health</i> , 2017 , 5, 66	6	25
93	Maternal administration of solithromycin, a new, potent, broad-spectrum fluoroketolide antibiotic, achieves fetal and intra-amniotic antimicrobial protection in a pregnant sheep model. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 447-54	5.9	24
92	15-deoxy-delta12,14-prostaglandin J2-induced apoptosis in amnion-like WISH cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2001 , 66, 265-82	3.7	24

91	Changes in inflammatory mediators in gingival crevicular fluid following periodontal disease treatment in pregnancy: relationship to adverse pregnancy outcome. <i>Journal of Reproductive Immunology</i> , 2015 , 112, 1-10	4.2	23
90	Maternal-placental-fetal biodistribution of multimodal polymeric nanoparticles in a pregnant rat model in mid and late gestation. <i>Scientific Reports</i> , 2017 , 7, 2866	4.9	23
89	Identification of suppressors of cytokine signaling (SOCS) proteins in human gestational tissues: differential regulation is associated with the onset of labor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1094-7	5.6	23
88	Altered placental lactogen and leptin expression in placentomes from bovine nuclear transfer pregnancies. <i>Biology of Reproduction</i> , 2004 , 71, 1862-9	3.9	22
87	Regulation of activin a, inhibin a, and follistatin production in human amnion and choriodecidual explants by inflammatory mediators. <i>Journal of the Society for Gynecologic Investigation</i> , 2000 , 7, 291-296		21
86	Recent advances in the prevention of preterm birth. <i>F1000Research</i> , 2017 , 6,	3.6	20
85	The inflammatory state of the rat placenta increases in late gestation and is further enhanced by glucocorticoids in the labyrinth zone. <i>Placenta</i> , 2013 , 34, 559-66	3.4	20
84	Regulation of interleukin (IL)-6 and IL-8 production in an amnion-derived cell line by cytokines, growth factors, glucocorticoids, and phorbol esters. <i>American Journal of Reproductive Immunology</i> , 1997 , 38, 272-8	3.8	20
83	Macrophage inhibitory cytokine 1 in fetal membranes and amniotic fluid from pregnancies with and without preterm labour and premature rupture of membranes. <i>Molecular Human Reproduction</i> , 2003 , 9, 535-40	4.4	20
82	The impact of antenatal Bisphenol A exposure on male reproductive function at 20-22 years of age. <i>Reproductive BioMedicine Online</i> , 2018 , 36, 340-347	4	19
81	Regulation of cytosolic phospholipase A2 expression by cytokines in human amnion cells. <i>Placenta</i> , 1999 , 20, 303-8	3.4	18
80	Characterization of the bacterial microbiome in first-pass meconium using propidium monoazide (PMA) to exclude nonviable bacterial DNA. <i>Letters in Applied Microbiology</i> , 2019 , 68, 378-385	2.9	17
79	Role of Wnt signalling in early pregnancy. <i>Reproduction, Fertility and Development</i> , 2016 , 28, 525-44	1.8	17
78	Antenatal IL-1-dependent inflammation persists postnatally and causes retinal and sub-retinal vasculopathy in progeny. <i>Scientific Reports</i> , 2018 , 8, 11875	4.9	17
77	Perinatal testosterone exposure and cerebral lateralisation in adult males: evidence for the callosal hypothesis. <i>Biological Psychology</i> , 2014 , 103, 48-53	3.2	17
76	Homeobox gene Distal-less 3 (DLX3) is a regulator of villous cytotrophoblast differentiation. <i>Placenta</i> , 2011 , 32, 745-51	3.4	17
75	Maternal-amniotic-fetal distribution of macrolide antibiotics following intravenous, intramuscular, and intraamniotic administration in late pregnant sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, 546.e10-7	6.4	17
74	High-resolution melt PCR analysis for genotyping of <i>Ureaplasma parvum</i> isolates directly from clinical samples. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 599-606	9.7	16

73	Maternal intravenous administration of azithromycin results in significant fetal uptake in a sheep model of second trimester pregnancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 6581-91	5.9	16
72	Sphingosine-sphingosine-1-phosphate pathway regulates trophoblast differentiation and syncytialization. <i>Reproductive BioMedicine Online</i> , 2012 , 24, 224-34	4	16
71	Innate inflammatory responses of human decidual cells to periodontopathic bacteria. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 202, 471.e1-11	6.4	16
70	Hypoxia attenuates PGE(2)but increases prostacyclin and thromboxane production in human term villous trophoblast. <i>Placenta</i> , 2001 , 22, 519-25	3.4	16
69	Effects of interleukin-4 on the expression and activity of prostaglandin endoperoxide H synthase-2 in amnion-derived WISH cells. <i>Journal of Molecular Endocrinology</i> , 1998 , 21, 317-25	4.5	16
68	Polymyxin B agonist capture therapy for intrauterine inflammation: proof-of-principle in a fetal ovine model. <i>Reproductive Sciences</i> , 2014 , 21, 623-31	3	15
67	Second trimester amniotic fluid cytokine concentrations, Ureaplasma sp. colonisation status and sexual activity as predictors of preterm birth in Chinese and Australian women. <i>BMC Pregnancy and Childbirth</i> , 2014 , 14, 340	3.2	15
66	Ceramide biosynthesis and metabolism in trophoblast syncytialization. <i>Molecular and Cellular Endocrinology</i> , 2012 , 362, 48-59	4.4	15
65	Prostanoid Stimulation of Cytokine Production in an Amnion-Derived Cell Line: Evidence of a Feed-Forward Mechanism With Implications for Term and Preterm Labor. <i>Journal of the Society for Gynecologic Investigation</i> , 2000 , 7, 37-44		15
64	Interleukin-4 differentially regulates prostaglandin production in amnion-derived WISH cells stimulated with pro-inflammatory cytokines and epidermal growth factor. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1999 , 60, 255-62	2.8	15
63	Toll-like Receptor-4: A New Target for Preterm Labour Pharmacotherapies?. <i>Current Pharmaceutical Design</i> , 2018 , 24, 960-973	3.3	15
62	Expression of intercellular adhesion molecule-1 (ICAM-1) in choriodecidua with labour and delivery at term and preterm. <i>Reproduction, Fertility and Development</i> , 1999 , 11, 255-62	1.8	15
61	A New, Potent, and Placenta-Permeable Macrolide Antibiotic, Solithromycin, for the Prevention and Treatment of Bacterial Infections in Pregnancy. <i>Frontiers in Immunology</i> , 2016 , 7, 111	8.4	15
60	A specific bacterial DNA signature in the vagina of Australian women in midpregnancy predicts high risk of spontaneous preterm birth (the Predict1000 study). <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 224, 206.e1-206.e23	6.4	15
59	Comparison of Bacterial DNA Profiles in Mid-Trimester Amniotic Fluid Samples From Preterm and Term Deliveries. <i>Frontiers in Microbiology</i> , 2020 , 11, 415	5.7	14
58	Expression of TGF-beta1, TGF-beta2, TGF-beta3 and the receptors TGF-betaRI and TGF-betaRII in placentomes of artificially inseminated and nuclear transfer derived bovine pregnancies. <i>Placenta</i> , 2006 , 27, 307-16	3.4	13
57	Expression of interleukin-1beta mRNA in murine uterine and gestational tissues: relationship with gestational age. <i>American Journal of Reproductive Immunology</i> , 2001 , 46, 413-9	3.8	13
56	Early Life Events Predict Adult Testicular Function; Data Derived From the Western Australian (Raine) Birth Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3333-44	5.6	13

55	In vitro activity of solithromycin and its metabolites, CEM-214 and N-acetyl-CEM-101, against 100 clinical <i>Ureaplasma</i> spp. isolates compared with azithromycin. <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 319-24	14.3	12
54	Structural and morphologic differences in human oocytes after in vitro maturation compared with standard in vitro fertilization. <i>Fertility and Sterility</i> , 2016 , 106, 1392-1398.e5	4.8	12
53	Preclinical evaluation of drugs to block inflammation-driven preterm birth. <i>Innate Immunity</i> , 2017 , 23, 20-33	2.7	12
52	Enhanced expression of intercellular adhesion molecule-1 (ICAM-1) in amnion with term and preterm labour. <i>Placenta</i> , 2000 , 21, 115-21	3.4	12
51	Murine exposure to gold nanoparticles during early pregnancy promotes abortion by inhibiting ectodermal differentiation. <i>Molecular Medicine</i> , 2018 , 24, 62	6.2	12
50	Effects of omega-3 and omega-6 fatty acids on human placental cytokine production. <i>Placenta</i> , 2015 , 36, 34-40	3.4	11
49	Trans-placental passage and anti-inflammatory effects of solithromycin in the human placenta. <i>Placenta</i> , 2014 , 35, 1043-8	3.4	11
48	The treatment of bacterial vaginosis in pregnancy with clindamycin to reduce the risk of infection-related preterm birth: a response to the Danish Society of Obstetrics and Gynecology guideline group's clinical recommendations. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017 , 96, 139-143	3.8	11
47	The Maternal Serological Response to Intrauterine <i>Ureaplasma</i> sp. Infection and Prediction of Risk of Pre-Term Birth. <i>Frontiers in Immunology</i> , 2014 , 5, 624	8.4	11
46	IFPA Meeting 2009 workshops report. <i>Placenta</i> , 2010 , 31 Suppl, S4-20	3.4	11
45	Expression of prostaglandin H synthase-1 and -2 in murine intrauterine and gestational tissues from mid pregnancy until term. <i>Prostaglandins and Other Lipid Mediators</i> , 2001 , 66, 17-25	3.7	11
44	Does leptin exhibit cytokine-like properties in tissues of pregnancy?. <i>American Journal of Reproductive Immunology</i> , 2000 , 43, 292-8	3.8	11
43	Prostanoid stimulation of cytokine production in an amnion-derived cell line: evidence of a feed-forward mechanism with implications for term and preterm labor. <i>Journal of the Society for Gynecologic Investigation</i> , 2000 , 7, 37-44		11
42	Use of stored serum in the study of time trends and geographical differences in exposure of pregnant women to phthalates. <i>Environmental Research</i> , 2020 , 184, 109231	7.9	10
41	Umbilical cord blood testosterone and childhood internalizing and externalizing behavior: a prospective study. <i>PLoS ONE</i> , 2013 , 8, e59991	3.7	10
40	Intracellular speciation of gold nanorods alters the conformational dynamics of genomic DNA. <i>Nature Nanotechnology</i> , 2018 , 13, 1148-1153	28.7	10
39	Vaginal microbiota during pregnancy: Pathways of risk of preterm delivery in the absence of intrauterine infection?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E6414	11.5	9
38	ABCA1 and placental cholesterol efflux. <i>Placenta</i> , 2011 , 32, 708-709	3.4	9

37	Comparative studies on the effects of interleukin-4 and interleukin-13 on cytokine and prostaglandin E2 production by amnion-derived WISH cells. <i>American Journal of Reproductive Immunology</i> , 1998 , 40, 332-8	3.8	9
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