

# Phillip Bennett

## List of Publications by Citations

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**Version:** 2024-04-26

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109  
papers

4,082  
citations

35  
h-index

62  
g-index

122  
ext. papers

5,082  
ext. citations

6.8  
avg. IF

5.36  
L-index

#	Paper	IF	Citations
109	The vaginal microbiome during pregnancy and the postpartum period in a European population. <i>Scientific Reports</i> , <b>2015</b> , 5, 8988	4.9	288
108	The role of nuclear factor kappa B in human labour. <i>Reproduction</i> , <b>2005</b> , 130, 569-81	3.8	230
107	Prenatal determination of fetal RhD type by DNA amplification. <i>New England Journal of Medicine</i> , <b>1993</b> , 329, 607-10	59.2	228
106	Adverse obstetric outcomes after local treatment for cervical preinvasive and early invasive disease according to cone depth: systematic review and meta-analysis. <i>BMJ, The</i> , <b>2016</b> , 354, i3633	5.9	183
105	The interaction between vaginal microbiota, cervical length, and vaginal progesterone treatment for preterm birth risk. <i>Microbiome</i> , <b>2017</b> , 5, 6	16.6	180
104	The Th1:th2 dichotomy of pregnancy and preterm labour. <i>Mediators of Inflammation</i> , <b>2012</b> , 2012, 967629	4.3	179
103	The vaginal microbiota, human papillomavirus infection and cervical intraepithelial neoplasia: what do we know and where are we going next?. <i>Microbiome</i> , <b>2016</b> , 4, 58	16.6	170
102	Expression of cyclooxygenase types 1 and 2 in human fetal membranes at term. <i>American Journal of Obstetrics and Gynecology</i> , <b>1995</b> , 172, 77-82	6.4	160
101	Expression of cyclo-oxygenase types-1 and -2 in human myometrium throughout pregnancy. <i>Molecular Human Reproduction</i> , <b>1999</b> , 5, 880-4	4.4	133
100	Vaginal dysbiosis increases risk of preterm fetal membrane rupture, neonatal sepsis and is exacerbated by erythromycin. <i>BMC Medicine</i> , <b>2018</b> , 16, 9	11.4	122
99	Use of a cyclo-oxygenase type-2-selective non-steroidal anti-inflammatory agent to prevent preterm delivery. <i>Lancet, The</i> , <b>1997</b> , 350, 265-6	40	109
98	Fertility and early pregnancy outcomes after treatment for cervical intraepithelial neoplasia: systematic review and meta-analysis. <i>BMJ, The</i> , <b>2014</b> , 349, g6192	5.9	97
97	Relationship between vaginal microbial dysbiosis, inflammation, and pregnancy outcomes in cervical cerclage. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 350ra102	17.5	92
96	The Risk of Adverse Pregnancy Outcomes Following Nonobstetric Surgery During Pregnancy: Estimates From a Retrospective Cohort Study of 6.5 Million Pregnancies. <i>Annals of Surgery</i> , <b>2017</b> , 266, 260-266	7.8	71
95	Obesity and gynaecological and obstetric conditions: umbrella review of the literature. <i>BMJ, The</i> , <b>2017</b> , 359, j4511	5.9	71
94	Progesterone represses interleukin-8 and cyclo-oxygenase-2 in human lower segment fibroblast cells and amnion epithelial cells. <i>Biology of Reproduction</i> , <b>2003</b> , 69, 331-7	3.9	68
93	A double-blind randomized study of fetal side effects during and after the short-term maternal administration of indomethacin, sulindac, and nimesulide for the treatment of preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , <b>2003</b> , 188, 1046-51	6.4	67

92	Association Between Prepregnancy Cardiovascular Function and Subsequent Preeclampsia or Fetal Growth Restriction. <i>Hypertension</i> , <b>2018</b> , 72, 442-450	8.5	66
91	Changes in the expression of the type-2 but not the type-1 cyclo-oxygenase enzyme in chorion-decidua with the onset of labour. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1998</b> , 105, 745-8	3.7	59
90	Human maternal uniparental disomy for chromosome 16 and fetal development. <i>Prenatal Diagnosis</i> , <b>1994</b> , 14, 751-6	3.2	59
89	Establishment of vaginal microbiota composition in early pregnancy and its association with subsequent preterm prelabor rupture of the fetal membranes. <i>Translational Research</i> , <b>2019</b> , 207, 30-43	11	58
88	Systematic review and metaanalysis of genetic association studies of urinary symptoms and prolapse in women. <i>American Journal of Obstetrics and Gynecology</i> , <b>2015</b> , 212, 199.e1-24	6.4	55
87	Early and late preeclampsia are characterized by high cardiac output, but in the presence of fetal growth restriction, cardiac output is low: insights from a prospective study. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 218, 517.e1-517.e12	6.4	54
86	TOCOX--a randomised, double-blind, placebo-controlled trial of rofecoxib (a COX-2-specific prostaglandin inhibitor) for the prevention of preterm delivery in women at high risk. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2005</b> , 112, 725-30	3.7	50
85	Induction of both cytosolic phospholipase A2 and prostaglandin H synthase-2 by interleukin-1 beta in WISH cells is inhibited by dexamethasone. <i>Prostaglandins</i> , <b>1996</b> , 51, 107-24		49
84	Ultrasound-indicated cervical cerclage: outcome depends on preoperative cervical length and presence of visible membranes at time of cerclage. <i>American Journal of Obstetrics and Gynecology</i> , <b>2002</b> , 187, 445-9	6.4	48
83	Specific Lipopolysaccharide Serotypes Induce Differential Maternal and Neonatal Inflammatory Responses in a Murine Model of Preterm Labor. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 2390-401	5.8	46
82	Micronized vaginal progesterone to prevent miscarriage: a critical evaluation of randomized evidence. <i>American Journal of Obstetrics and Gynecology</i> , <b>2020</b> , 223, 167-176	6.4	46
81	The vaginal microbiota associates with the regression of untreated cervical intraepithelial neoplasia 2 lesions. <i>Nature Communications</i> , <b>2020</b> , 11, 1999	17.4	45
80	Proportion of cervical excision for cervical intraepithelial neoplasia as a predictor of pregnancy outcomes. <i>International Journal of Gynecology and Obstetrics</i> , <b>2015</b> , 128, 141-7	4	43
79	The effects of labour and of interleukin 1 beta upon the expression of nuclear factor kappa B related proteins in human amnion. <i>Molecular Human Reproduction</i> , <b>2003</b> , 9, 213-8	4.4	42
78	Oxytocin activates NF- $\kappa$ B-mediated inflammatory pathways in human gestational tissues. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 403, 64-77	4.4	40
77	Anti-inflammatory prostaglandins for the prevention of preterm labour. <i>Reproduction</i> , <b>2014</b> , 148, R29-40	3.8	38
76	Limited relationship between cervico-vaginal fluid cytokine profiles and cervical shortening in women at high risk of spontaneous preterm birth. <i>PLoS ONE</i> , <b>2012</b> , 7, e52412	3.7	38
75	Labor and inflammation increase the expression of oxytocin receptor in human amnion. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 546-52	3.9	38

74	Modeling hormonal and inflammatory contributions to preterm and term labor using uterine temporal transcriptomics. <i>BMC Medicine</i> , <b>2016</b> , 14, 86	11.4	35
73	First Trimester Circulating MicroRNA Biomarkers Predictive of Subsequent Preterm Delivery and Cervical Shortening. <i>Scientific Reports</i> , <b>2019</b> , 9, 5861	4.9	33
72	Advances in the role of oxytocin receptors in human parturition. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 449, 56-63	4.4	30
71	Discovery of a CD10-negative B-progenitor in human fetal life identifies unique ontogeny-related developmental programs. <i>Blood</i> , <b>2019</b> , 134, 1059-1071	2.2	28
70	The expression of phospholipase A2 and lipocortins (annexins) I, II and V in human fetal membranes and placenta in association with labour. <i>Prostaglandins</i> , <b>1994</b> , 48, 81-90		26
69	Uterine and fetal placental Doppler indices are associated with maternal cardiovascular function. <i>American Journal of Obstetrics and Gynecology</i> , <b>2019</b> , 220, 96.e1-96.e8	6.4	26
68	The intelligent knife (iKnife) and its intraoperative diagnostic advantage for the treatment of cervical disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 7338-7346	11.5	26
67	Changes in amniotic arachidonic acid metabolism associated with increased cyclo-oxygenase gene expression. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1993</b> , 100, 1037-42	3.7	25
66	Medical Swab Analysis Using Desorption Electrospray Ionization Mass Spectrometry: A Noninvasive Approach for Mucosal Diagnostics. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1540-1550	7.8	24
65	Umbilical venous flow rate in term fetuses: can variations in flow predict intrapartum compromise?. <i>American Journal of Obstetrics and Gynecology</i> , <b>2014</b> , 210, 61.e1-8	6.4	23
64	The pregnancy microbiome and preterm birth. <i>Seminars in Immunopathology</i> , <b>2020</b> , 42, 487-499	12	23
63	Preterm Birth Prevention Post-Conization: A Model of Cervical Length Screening with Targeted Cerclage. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163793	3.7	22
62	Systematic review and meta-analysis of candidate gene association studies of lower urinary tract symptoms in men. <i>European Urology</i> , <b>2014</b> , 66, 752-68	10.2	21
61	The oxytocin receptor antagonist, Atosiban, activates pro-inflammatory pathways in human amnion via G( $\beta$ ) signalling. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 420, 11-23	4.4	19
60	Cyclic AMP enhances progesterone action in human myometrial cells. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 382, 334-343	4.4	19
59	Prostaglandin regulation of fetal plasma adrenocorticotropin and cortisol concentrations in late-gestation sheep. <i>Biology of Reproduction</i> , <b>1998</b> , 58, 514-9	3.9	19
58	Differential Effects of Oxytocin Receptor Antagonists, Atosiban and Nolasiban, on Oxytocin Receptor-Mediated Signaling in Human Amnion and Myometrium. <i>Molecular Pharmacology</i> , <b>2017</b> , 91, 403-415	4.3	18
57	Exogenous oxytocin modulates human myometrial microRNAs. <i>American Journal of Obstetrics and Gynecology</i> , <b>2015</b> , 213, 65.e1-65.e9	6.4	18

56	Does progesterone prophylaxis to prevent preterm labour improve outcome? A randomised double-blind placebo-controlled trial (OPPTIMUM). <i>Health Technology Assessment</i> , <b>2018</b> , 22, 1-304	4.4	15
55	Oligonucleotide-templated lateral flow assays for amplification-free sensing of circulating microRNAs. <i>Chemical Communications</i> , <b>2019</b> , 55, 12451-12454	5.8	15
54	OBE022, an Oral and Selective Prostaglandin F Receptor Antagonist as an Effective and Safe Modality for the Treatment of Preterm Labor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2018</b> , 366, 349-364	4.7	15
53	Cerclage position, cervical length and preterm delivery in women undergoing ultrasound indicated cervical cerclage: A retrospective cohort study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178072	3.7	14
52	Comparison of vaginal microbiota sampling techniques: cytobrush versus swab. <i>Scientific Reports</i> , <b>2017</b> , 7, 9802	4.9	14
51	Maternal plasma miRNAs as potential biomarkers for detecting risk of small-for-gestational-age births. <i>EBioMedicine</i> , <b>2020</b> , 62, 103145	8.8	14
50	Specific inhibition of c-Jun N-terminal kinase delays preterm labour and reduces mortality. <i>Reproduction</i> , <b>2015</b> , 150, 269-77	3.8	13
49	Ectopia cordis in a triploid fetus: first-trimester diagnosis using transvaginal color Doppler ultrasonography and chorionic villus sampling. <i>Journal of Clinical Ultrasound</i> , <b>1994</b> , 22, 573-5	1	13
48	KODAMA: an R package for knowledge discovery and data mining. <i>Bioinformatics</i> , <b>2017</b> , 33, 621-623	7.2	13
47	The human female urogenital microbiome: complexity in normality. <i>Emerging Topics in Life Sciences</i> , <b>2017</b> , 1, 363-372	3.5	11
46	Assessment of microbiota: host interactions at the vaginal mucosa interface. <i>Methods</i> , <b>2018</b> , 149, 74-84	4.6	11
45	Sulfasalazine augments a pro-inflammatory response in interleukin-1 $\beta$ stimulated amniocytes and myocytes. <i>Immunology</i> , <b>2015</b> , 146, 630-44	7.8	11
44	Preterm birth prevention-Time to PROGRESS beyond progesterone. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002391	11.6	11
43	Laser-assisted rapid evaporative ionisation mass spectrometry (LA-REIMS) as a metabolomics platform in cervical cancer screening. <i>EBioMedicine</i> , <b>2020</b> , 60, 103017	8.8	10
42	Genetic variation in cervical preinvasive and invasive disease: a genome-wide association study. <i>Lancet Oncology</i> , <b>2021</b> , 22, 548-557	21.7	10
41	Efficacy of progesterone for prevention of preterm birth. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2018</b> , 52, 126-136	4.6	9
40	Urinary Metabolic Phenotyping of Women with Lower Urinary Tract Symptoms. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 4208-4216	5.6	8
39	Prenatal determination of human platelet antigen type using DNA amplification following amniocentesis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1994</b> , 101, 246-9	3.7	8

38	Evaluation of the Arabin cervical pessary for prevention of preterm birth in women with a twin pregnancy and short cervix (STOPPIT-2): An open-label randomised trial and updated meta-analysis. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003506	11.6	8
37	High rates of maternal depression amongst Syrian refugees in Lebanon - a pilot study. <i>Scientific Reports</i> , <b>2019</b> , 9, 11849	4.9	7
36	Peri-implantation urinary hormone monitoring distinguishes between types of first-trimester spontaneous pregnancy loss. <i>Paediatric and Perinatal Epidemiology</i> , <b>2020</b> , 34, 495-503	2.7	7
35	VAGINAL MICROBIOME-BREXANT HOST INTERACTIONS DETERMINE A SIGNIFICANT PROPORTION OF PRETERM LABOUR. <i>Fetal and Maternal Medicine Review</i> , <b>2014</b> , 25, 73-78		7
34	Reducing the impact of preterm birth: Preterm birth commissioning in the United Kingdom. <i>European Journal of Obstetrics and Gynecology and Reproductive Biology: X</i> , <b>2019</b> , 3, 100018	2.3	6
33	Adverse Obstetric Outcomes After Local Treatment for Cervical Preinvasive and Early Invasive Disease According to Cone Depth: Systematic Review and Meta-analysis. <i>Obstetrical and Gynecological Survey</i> , <b>2016</b> , 71, 646-648	2.4	6
32	Direct on-swab metabolic profiling of vaginal microbiome host interactions during pregnancy and preterm birth. <i>Nature Communications</i> , <b>2021</b> , 12, 5967	17.4	6
31	Use of magnesium sulfate in preterm deliveries for neuroprotection of the neonate. <i>The Obstetrician and Gynaecologist</i> , <b>2017</b> , 19, 21-28	0.9	5
30	Preterm Labour <b>2012</b> , 338-355		5
29	Determination of twin zygoty by DNA hybridisation to wild type bacteriophage M13. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1992</b> , 99, 858-9	3.7	5
28	Microbial-driven preterm labour involves crosstalk between the innate and adaptive immune response.. <i>Nature Communications</i> , <b>2022</b> , 13, 975	17.4	4
27	Re: Effect of progestogen for women with threatened miscarriage: a systematic review and meta-analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2020</b> , 127, 1303-1304	3.7	3
26	Determination of fetal RhD type by DNA amplification from fetal skin following massive fetomaternal haemorrhage and intrauterine fetal death. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1994</b> , 101, 636-7	3.7	3
25	Trisomy 21 Expands the Megakaryocyte-Erythroid Progenitor Compartment in Human Fetal Liver-Implications for Down Syndrome AMKL.. <i>Blood</i> , <b>2006</b> , 108, 563-563	2.2	3
24	Estimating the risk of adverse birth outcomes in pregnant women undergoing non-obstetric surgery using routinely collected NHS data: an observational study. <i>Health Services and Delivery Research</i> , <b>2016</b> , 4, 1-76	1.5	3
23	The association between obesity and weight loss after bariatric surgery on the vaginal microbiota. <i>Microbiome</i> , <b>2021</b> , 9, 124	16.6	3
22	Proteome-wide prediction of bacterial carbohydrate-binding proteins as a tool for understanding commensal and pathogen colonisation of the vaginal microbiome. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 49	8.2	3
21	Morbidity after local excision of the transformation zone for cervical intra-epithelial neoplasia and early cervical cancer. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2021</b> , 75, 10-22	4.6	3

20	Genome-Wide Association Study Identifies Two Novel Loci Associated with Female Stress and Urgency Urinary Incontinence. <i>Journal of Urology</i> , <b>2021</b> , 206, 679-687	2.5	3
19	Characterisation of the vaginal microbiome in cervical intraepithelial neoplasia. <i>Lancet, The</i> , <b>2016</b> , 387, S75	4.0	2
18	Management of threatened preterm labour <b>2005</b> , 191-209		2
17	The vaginal microbiota and innate immunity after local excisional treatment for cervical intraepithelial neoplasia. <i>Genome Medicine</i> , <b>2021</b> , 13, 176	14.4	2
16	Differential Response of Gestational Tissues to TLR3 Viral Priming Prior to Exposure to Bacterial TLR2 and TLR2/6 Agonists. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1899	8.4	2
15	Preterm Labour 177-191		2
14	Pathophysiology of Preterm Birth <b>2017</b> , 1732-1737.e2		1
13	Preterm labour. Preface. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2007</b> , 21, 727-8.6	8.6	1
12	Transcriptional regulation of labour-associated genes <b>2005</b> , 76-108		1
11	Polymerase chain reaction and its use in obstetrics. <i>Fetal and Maternal Medicine Review</i> , <b>1995</b> , 7, 159-173		1
10	Chromosomally normal miscarriage is associated with vaginal dysbiosis and local inflammation.. <i>BMC Medicine</i> , <b>2022</b> , 20, 38	11.4	1
9	Gradient boosted trees with individual explanations: An alternative to logistic regression for viability prediction in the first trimester of pregnancy. <i>Computer Methods and Programs in Biomedicine</i> , <b>2022</b> , 213, 106520	6.9	1
8	Risk Factors for Ovarian Cancer: An Umbrella Review of the Literature. <i>Cancers</i> , <b>2022</b> , 14, 2708	6.6	1
7	Whole Blood Holding Time Prior to Plasma Processing Alters microRNA Expression Profile.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 818334	4.5	0
6	Vaginal Microbiota, Genital Inflammation and Extracellular Matrix Remodelling Collagenase: MMP-9 in Pregnant Women With HIV, a Potential Preterm Birth Mechanism Warranting Further Exploration.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 750103	5.9	0
5	Large-scale characterisation of the pregnancy vaginal microbiome and sialidase activity in a low-risk Chinese population.. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 89	8.2	0
4	Drugs acting on the pregnant uterus. <i>Current Obstetrics &amp; Gynaecology</i> , <b>2006</b> , 16, 174-180		
3	An inhibitor of type-1 cyclo-oxygenase in tissues from human pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>1999</b> , 78, 403-407	3.8	

- 2 The Arabin pessary to prevent preterm birth in women with a twin pregnancy and a short cervix: the STOPPIT 2 RCT. *Health Technology Assessment*, **2021**, 25, 1-66 4.4
- 1 Preterm Labour **2018**, 387-412