

# Phillip Bennett

## List of Publications by Year in descending order

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116  
papers

5,992  
citations

71061

41  
h-index

79644

73  
g-index

122  
all docs

122  
docs citations

122  
times ranked

6473  
citing authors

#	ARTICLE	IF	CITATIONS
1	The vaginal microbiome during pregnancy and the postpartum period in a European population. <i>Scientific Reports</i> , 2015, 5, 8988.	1.6	415
2	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> , 2016, 354, i3633.	3.0	298
3	The vaginal microbiota, human papillomavirus infection and cervical intraepithelial neoplasia: what do we know and where are we going next?. <i>Microbiome</i> , 2016, 4, 58.	4.9	290
4	Prenatal Determination of Fetal RhD Type by DNA Amplification. <i>New England Journal of Medicine</i> , 1993, 329, 607-610.	13.9	276
5	The interaction between vaginal microbiota, cervical length, and vaginal progesterone treatment for preterm birth risk. <i>Microbiome</i> , 2017, 5, 6.	4.9	266
6	The role of nuclear factor kappa B in human labour. <i>Reproduction</i> , 2005, 130, 569-581.	1.1	264
7	The Th1:Th2 Dichotomy of Pregnancy and Preterm Labour. <i>Mediators of Inflammation</i> , 2012, 2012, 1-12.	1.4	240
8	Vaginal dysbiosis increases risk of preterm fetal membrane rupture, neonatal sepsis and is exacerbated by erythromycin. <i>BMC Medicine</i> , 2018, 16, 9.	2.3	202
9	Expression of cyclooxygenase types 1 and 2 in human fetal membranes at term. <i>American Journal of Obstetrics and Gynecology</i> , 1995, 172, 77-82.	0.7	168
10	Expression of cyclo-oxygenase types-1 and -2 in human myometrium throughout pregnancy. <i>Molecular Human Reproduction</i> , 1999, 5, 880-884.	1.3	152
11	Relationship between vaginal microbial dysbiosis, inflammation, and pregnancy outcomes in cervical cerclage. <i>Science Translational Medicine</i> , 2016, 8, 350ra102.	5.8	137
12	Use of a cyclo-oxygenase type-2-selective non-steroidal anti-inflammatory agent to prevent preterm delivery. <i>Lancet, The</i> , 1997, 350, 265-266.	6.3	125
13	Fertility and early pregnancy outcomes after treatment for cervical intraepithelial neoplasia: systematic review and meta-analysis. <i>BMJ, The</i> , 2014, 349, g6192-g6192.	3.0	118
14	Association Between Prepregnancy Cardiovascular Function and Subsequent Preeclampsia or Fetal Growth Restriction. <i>Hypertension</i> , 2018, 72, 442-450.	1.3	116
15	The vaginal microbiota associates with the regression of untreated cervical intraepithelial neoplasia 2 lesions. <i>Nature Communications</i> , 2020, 11, 1999.	5.8	111
16	Establishment of vaginal microbiota composition in early pregnancy and its association with subsequent preterm prelabor rupture of the fetal membranes. <i>Translational Research</i> , 2019, 207, 30-43.	2.2	110
17	The Risk of Adverse Pregnancy Outcomes Following Nonobstetric Surgery During Pregnancy. <i>Annals of Surgery</i> , 2017, 266, 260-266.	2.1	108
18	Obesity and gynaecological and obstetric conditions: umbrella review of the literature. <i>BMJ: British Medical Journal</i> , 2017, 359, j4511.	2.4	107

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19	Micronized vaginal progesterone to prevent miscarriage: a critical evaluation of randomized evidence. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 167-176.	0.7	94
20	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> , 2018, 218, 517.e1-517.e12.	0.7	87
21	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> , 2003, 188, 1046-1051.	0.7	83
22	Progesterone Represses Interleukin-8 and Cyclo-Oxygenase-2 in Human Lower Segment Fibroblast Cells and Amnion Epithelial Cells. <i>Biology of Reproduction</i> , 2003, 69, 331-337.	1.2	77
23	Systematic review and metaanalysis of genetic association studies of urinary symptoms and prolapse in women. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 199.e1-199.e24.	0.7	75
24	The pregnancy microbiome and preterm birth. <i>Seminars in Immunopathology</i> , 2020, 42, 487-499.	2.8	71
25	Specific Lipopolysaccharide Serotypes Induce Differential Maternal and Neonatal Inflammatory Responses in a Murine Model of Preterm Labor. <i>American Journal of Pathology</i> , 2015, 185, 2390-2401.	1.9	67
26	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> , 1998, 105, 745-748.	1.1	65
27	Modeling hormonal and inflammatory contributions to preterm and term labor using uterine temporal transcriptomics. <i>BMC Medicine</i> , 2016, 14, 86.	2.3	63
28	Discovery of a CD10-negative B-progenitor in human fetal life identifies unique ontogeny-related developmental programs. <i>Blood</i> , 2019, 134, 1059-1071.	0.6	62
29	Human maternal uniparental disomy for chromosome 16 and fetal development. <i>Prenatal Diagnosis</i> , 1994, 14, 751-756.	1.1	61
30	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> , 2002, 187, 445-449.	0.7	60
31	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> , 2020, 117, 7338-7346.	3.3	59
32	Proportion of cervical excision for cervical intraepithelial neoplasia as a predictor of pregnancy outcomes. <i>International Journal of Gynecology and Obstetrics</i> , 2015, 128, 141-147.	1.0	58
33	TOCOX?A randomised, double-blind, placebo-controlled trial of rofecoxib (a COX-2-specific) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5 <i>International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 725-730.	1.1	57
34	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> , 1996, 51, 107-124.	1.2	52
35	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> , 2003, 9, 213-218.	1.3	52
36	First Trimester Circulating MicroRNA Biomarkers Predictive of Subsequent Preterm Delivery and Cervical Shortening. <i>Scientific Reports</i> , 2019, 9, 5861.	1.6	50

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37	Limited Relationship between Cervico-Vaginal Fluid Cytokine Profiles and Cervical Shortening in Women at High Risk of Spontaneous Preterm Birth. <i>PLoS ONE</i> , 2012, 7, e52412.	1.1	48
38	Oxytocin activates NF- $\kappa$ B-mediated inflammatory pathways in human gestational tissues. <i>Molecular and Cellular Endocrinology</i> , 2015, 403, 64-77.	1.6	48
39	Genetic variation in cervical preinvasive and invasive disease: a genome-wide association study. <i>Lancet Oncology</i> , The, 2021, 22, 548-557.	5.1	46
40	Labor and Inflammation Increase the Expression of Oxytocin Receptor in Human Amnion1. <i>Biology of Reproduction</i> , 2011, 84, 546-552.	1.2	45
41	Anti-inflammatory prostaglandins for the prevention of preterm labour. <i>Reproduction</i> , 2014, 148, R29-R40.	1.1	45
42	Advances in the role of oxytocin receptors in human parturition. <i>Molecular and Cellular Endocrinology</i> , 2017, 449, 56-63.	1.6	45
43	Microbial-driven preterm labour involves crosstalk between the innate and adaptive immune response. <i>Nature Communications</i> , 2022, 13, 975.	5.8	38
44	Uterine and fetal placental Doppler indices are associated with maternal cardiovascular function. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, 96.e1-96.e8.	0.7	37
45	Preterm Birth Prevention Post-Conization: A Model of Cervical Length Screening with Targeted Cerclage. <i>PLoS ONE</i> , 2016, 11, e0163793.	1.1	36
46	KODAMA: an R package for knowledge discovery and data mining. <i>Bioinformatics</i> , 2017, 33, 621-623.	1.8	33
47	Direct on-swab metabolic profiling of vaginal microbiome host interactions during pregnancy and preterm birth. <i>Nature Communications</i> , 2021, 12, 5967.	5.8	33
48	Changes in amniotic arachidonic acid metabolism associated with increased cyclo-oxygenase gene expression. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1993, 100, 1037-1042.	1.1	31
49	Medical Swab Analysis Using Desorption Electrospray Ionization Mass Spectrometry: A Noninvasive Approach for Mucosal Diagnostics. <i>Analytical Chemistry</i> , 2017, 89, 1540-1550.	3.2	31
50	Umbilical venous flow rate in term fetuses: can variations in flow predict intrapartum compromise?. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 61.e1-61.e8.	0.7	29
51	Laser-assisted rapid evaporative ionisation mass spectrometry (LA-REIMS) as a metabolomics platform in cervical cancer screening. <i>EBioMedicine</i> , 2020, 60, 103017.	2.7	29
52	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> , 1994, 48, 81-90.	1.2	28
53	Comparison of vaginal microbiota sampling techniques: cytobrush versus swab. <i>Scientific Reports</i> , 2017, 7, 9802.	1.6	27
54	Maternal plasma miRNAs as potential biomarkers for detecting risk of small-for-gestational-age births. <i>EBioMedicine</i> , 2020, 62, 103145.	2.7	26

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55	Systematic Review and Meta-analysis of Candidate Gene Association Studies of Lower Urinary Tract Symptoms in Men. <i>European Urology</i> , 2014, 66, 752-768.	0.9	25
56	OBE022, an Oral and Selective Prostaglandin F <sub>2</sub> Receptor Antagonist as an Effective and Safe Modality for the Treatment of Preterm Labor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 349-364.	1.3	25
57	The vaginal microbiota and innate immunity after local excisional treatment for cervical intraepithelial neoplasia. <i>Genome Medicine</i> , 2021, 13, 176.	3.6	25
58	The oxytocin receptor antagonist, Atosiban, activates pro-inflammatory pathways in human amnion via G $\beta$ signalling. <i>Molecular and Cellular Endocrinology</i> , 2016, 420, 11-23.	1.6	24
59	Exogenous oxytocin modulates human myometrial microRNAs. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 65.e1-65.e9.	0.7	23
60	Oligonucleotide-templated lateral flow assays for amplification-free sensing of circulating microRNAs. <i>Chemical Communications</i> , 2019, 55, 12451-12454.	2.2	23
61	Specific inhibition of c-Jun N-terminal kinase delays preterm labour and reduces mortality. <i>Reproduction</i> , 2015, 150, 269-277.	1.1	21
62	Cerclage position, cervical length and preterm delivery in women undergoing ultrasound indicated cervical cerclage: A retrospective cohort study. <i>PLoS ONE</i> , 2017, 12, e0178072.	1.1	21
63	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> , 2021, 18, e1003506.	3.9	21
64	Does progesterone prophylaxis to prevent preterm labour improve outcome? A randomised double-blind placebo-controlled trial (OPPTIMUM). <i>Health Technology Assessment</i> , 2018, 22, 1-304.	1.3	21
65	Chromosomally normal miscarriage is associated with vaginal dysbiosis and local inflammation. <i>BMC Medicine</i> , 2022, 20, 38.	2.3	21
66	Cyclic AMP enhances progesterone action in human myometrial cells. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 334-343.	1.6	20
67	Sulfasalazine augments a pro-inflammatory response in interleukin-1 $\beta$ -stimulated amniocytes and myocytes. <i>Immunology</i> , 2015, 146, 630-644.	2.0	20
68	Assessment of microbiota: host interactions at the vaginal mucosa interface. <i>Methods</i> , 2018, 149, 74-84.	1.9	20
69	Prostaglandin Regulation of Fetal Plasma Adrenocorticotropin and Cortisol Concentrations in Late-Gestation Sheep. <i>Biology of Reproduction</i> , 1998, 58, 514-519.	1.2	19
70	Differential Effects of Oxytocin Receptor Antagonists, Atosiban and Nolasiban, on Oxytocin Receptor-Mediated Signaling in Human Amnion and Myometrium. <i>Molecular Pharmacology</i> , 2017, 91, 403-415.	1.0	19
71	High rates of maternal depression amongst Syrian refugees in Lebanon - a pilot study. <i>Scientific Reports</i> , 2019, 9, 11849.	1.6	17
72	Preterm birth prevention—Time to PROGRESS beyond progesterone. <i>PLoS Medicine</i> , 2017, 14, e1002391.	3.9	17

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73	Ectopia cordis in a triploid fetus: First-trimester diagnosis using transvaginal color Doppler ultrasonography and chorionic villus sampling. <i>Journal of Clinical Ultrasound</i> , 1994, 22, 573-575.	0.4	16
74	Efficacy of progesterone for prevention of preterm birth. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2018, 52, 126-136.	1.4	16
75	The human female urogenital microbiome: complexity in normality. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 363-372.	1.1	15
76	The association between obesity and weight loss after bariatric surgery on the vaginal microbiota. <i>Microbiome</i> , 2021, 9, 124.	4.9	14
77	Urinary Metabolic Phenotyping of Women with Lower Urinary Tract Symptoms. <i>Journal of Proteome Research</i> , 2017, 16, 4208-4216.	1.8	13
78	Peri-implantation urinary hormone monitoring distinguishes between types of first-trimester spontaneous pregnancy loss. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 495-503.	0.8	13
79	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> , 2021, 7, 49.	2.9	11
80	The reproductive tract microbiota in pregnancy. <i>Bioscience Reports</i> , 2021, 41, .	1.1	11
81	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> , 2019, 3, 100018.	0.6	10
82	Large-scale characterisation of the pregnancy vaginal microbiome and sialidase activity in a low-risk Chinese population. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 89.	2.9	10
83	VAGINAL MICROBIOME-PREGNANT HOST INTERACTIONS DETERMINE A SIGNIFICANT PROPORTION OF PRETERM LABOUR. <i>Fetal and Maternal Medicine Review</i> , 2014, 25, 73-78.	0.3	9
84	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> , 2021, 75, 10-22.	1.4	9
85	Prenatal determination of human platelet antigen type using DNA amplification following amniocentesis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1994, 101, 246-249.	1.1	8
86	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> , 2016, 71, 646-648.	0.2	8
87	Differential Response of Gestational Tissues to TLR3 Viral Priming Prior to Exposure to Bacterial TLR2 and TLR2/6 Agonists. <i>Frontiers in Immunology</i> , 2020, 11, 1899.	2.2	8
88	Risk Factors for Ovarian Cancer: An Umbrella Review of the Literature. <i>Cancers</i> , 2022, 14, 2708.	1.7	8
89	Preterm Labour. , 0, , 338-355.		7
90	Use of magnesium sulfate in preterm deliveries for neuroprotection of the neonate. <i>The Obstetrician and Gynaecologist</i> , 2017, 19, 21-28.	0.2	7

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91	Estimating the risk of adverse birth outcomes in pregnant women undergoing non-obstetric surgery using routinely collected NHS data: an observational study. Health Services and Delivery Research, 2016, 4, 1-76.	1.4	7
92	Gradient boosted trees with individual explanations: An alternative to logistic regression for viability prediction in the first trimester of pregnancy. Computer Methods and Programs in Biomedicine, 2022, 213, 106520.	2.6	6
93	Vaginal Microbiota, Genital Inflammation and Extracellular Matrix Remodelling Collagenase: MMP-9 in Pregnant Women With HIV, a Potential Preterm Birth Mechanism Warranting Further Exploration. Frontiers in Cellular and Infection Microbiology, 2021, 11, 750103.	1.8	6
94	Determination of twin zygosity by DNA hybridisation to wild type bacteriophage M13. BJOG: an International Journal of Obstetrics and Gynaecology, 1992, 99, 858-860.	1.1	5
95	Characterisation of the vaginal microbiome in cervical intraepithelial neoplasia. Lancet, The, 2016, 387, S75.	6.3	5
96	Genome-Wide Association Study Identifies Two Novel Loci Associated with Female Stress and Urgency Urinary Incontinence. Journal of Urology, 2021, 206, 679-687.	0.2	5
97	Re: Effect of progestogen for women with threatened miscarriage: a systematic review and meta-analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2020, 127, 1303-1304.	1.1	4
98	Trisomy 21 Expands the Megakaryocyte-Erythroid Progenitor Compartment in Human Fetal Liver-Implications for Down Syndrome AMKL. Blood, 2006, 108, 563-563.	0.6	4
99	Determination of fetal RhD type by DNA amplification from fetal skin following massive fetomaternal haemorrhage and intrauterine fetal death. BJOG: an International Journal of Obstetrics and Gynaecology, 1994, 101, 636-637.	1.1	3
100	Management of threatened preterm labour. , 2005, , 191-209.		3
101	Preface. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2007, 21, 727-728.	1.4	2
102	Preterm Labour. , 0, , 177-191.		2
103	Micronized Vaginal Progesterone to Prevent Miscarriage: A Critical Evaluation of Randomized Evidence. Obstetrical and Gynecological Survey, 2020, 75, 743-744.	0.2	2
104	Whole Blood Holding Time Prior to Plasma Processing Alters microRNA Expression Profile. Frontiers in Genetics, 2021, 12, 818334.	1.1	2
105	Lateral Flow Test (LFT) Detects Cell-Free MicroRNAs Predictive of Preterm Birth Directly from Human Plasma. Advanced NanoBiomed Research, 0, , 2200026.	1.7	2
106	Polymerase chain reaction and its use in obstetrics. Fetal and Maternal Medicine Review, 1995, 7, 159-173.	0.3	1
107	Transcriptional regulation of labour-associated genes. , 2005, , 76-108.		1
108	Drugs acting on the pregnant uterus. Current Obstetrics & Gynaecology, 2006, 16, 174-180.	0.2	1

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109	Pathophysiology of Preterm Birth. , 2017, , 1732-1737.e2.		1
110	MAVRIC: A Multicenter Randomized Controlled Trial of Transabdominal vs Transvaginal Cervical Cerclage. Obstetrical and Gynecological Survey, 2020, 75, 392-394.	0.2	1
111	LB 1: Randomized controlled trial: Arabin pessary to prevent preterm birth in twin pregnancies with short cervix. American Journal of Obstetrics and Gynecology, 2020, 222, S756.	0.7	1
112	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.	1.3	1
113	An inhibitor of type-1 cyclo-oxygenase in tissues from human pregnancy. Acta Obstetrica Et Gynecologica Scandinavica, 1999, 78, 403-407.	1.3	0
114	A Randomized Controlled Trial of Cervical Scanning vs History to Determine Cerclage in Women at High Risk of Preterm Birth (CIRCLE Trial). Obstetrical and Gynecological Survey, 2009, 64, 638-640.	0.2	0
115	Vaginal Progesterone Prophylaxis for Preterm Birth (the OPPTIMUM Study). Obstetrical and Gynecological Survey, 2016, 71, 517-518.	0.2	0
116	Preterm Labour. , 2018, , 387-412.		0