Rachel M Tribe

List of Publications by Year in descending order

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123 papers

4,461 citations

94269 37 h-index 62 g-index

129 all docs 129 docs citations

129 times ranked 4702 citing authors

#	Article	IF	CITATIONS
1	Short-term and long-term effects of caesarean section on the health of women and children. Lancet, The, 2018, 392, 1349-1357.	6.3	682
2	Association of adverse perinatal outcomes of intrahepatic cholestasis of pregnancy with biochemical markers: results of aggregate and individual patient data meta-analyses. Lancet, The, 2019, 393, 899-909.	6.3	305
3	Cytokine Networks and the Regulation of Uterine Function in Pregnancy and Parturition. Journal of Neuroendocrinology, 2008, 20, 462-469.	1.2	146
4	Obstetric cholestasis, outcome with active management: a series of 70 cases. BJOG: an International Journal of Obstetrics and Gynaecology, 2002, 109, 282-288.	1.1	137
5	Dietary antioxidant supplementation reduces lipid peroxidation but impairs vascular function in small mesenteric arteries of the streptozotocin-diabetic rat. Diabetologia, 1998, 41, 148-156.	2.9	108
6	A Comprehensive Analysis of Common Genetic Variation Around Six Candidate Loci for Intrahepatic Cholestasis of Pregnancy. American Journal of Gastroenterology, 2014, 109, 76-84.	0.2	103
7	Evaluation of a quantitative fetal fibronectin test for spontaneous preterm birth in symptomatic women. American Journal of Obstetrics and Gynecology, 2013, 208, 122.e1-122.e6.	0.7	98
8	Functionally and spatially distinct Ca2+ stores are revealed in cultured vascular smooth muscle cells Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5908-5912.	3.3	93
9	RNA profiles reveal signatures of future health and disease in pregnancy. Nature, 2022, 601, 422-427.	13.7	90
10	Interleukin- $1\hat{l}^2$ Induces Calcium Transients and Enhances Basal and Store Operated Calcium Entry in Human Myometrial Smooth Muscle1. Biology of Reproduction, 2003, 68, 1842-1849.	1.2	84
11	Reporting errors, incidence and risk factors for postpartum haemorrhage and progression to severe <scp>PPH</scp> : a prospective observational study. BJOG: an International Journal of Obstetrics and Gynaecology, 2014, 121, 876-888.	1.1	81
12	Molecular identification and localization of Trp homologues, putative calcium channels, in pregnant human uterus. Molecular Human Reproduction, 2002, 8, 946-951.	1.3	79
13	Quantitative Fetal Fibronectin to Predict Preterm Birth in Asymptomatic Women at High Risk. Obstetrics and Gynecology, 2015, 125, 1168-1176.	1.2	78
14	Longitudinal Profiles of 15 Serum Bile Acids in Patients With Intrahepatic Cholestasis of Pregnancy. American Journal of Gastroenterology, 2010, 105, 585-595.	0.2	73
15	Oxidative Stress and Lipids in Diabetes: A Role in Endothelium Vasodilator Dysfunction?. Vascular Medicine, 1996, 1, 195-206.	0.8	65
16	The legacy of maternal SARS-CoV-2 infection on the immunology of the neonate. Nature Immunology, 2021, 22, 1490-1502.	7.0	65
17	Parturition and the perinatal period: can mode of delivery impact on the future health of the neonate?. Journal of Physiology, 2018, 596, 5709-5722.	1.3	62
18	Plasma Lipid Profiles of Women With Intrahepatic Cholestasis of Pregnancy. Obstetrics and Gynecology, 2006, 107, 106-114.	1.2	61

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19	Calcium Homeostatic Pathways Change with Gestation in Human Myometrium1. Biology of Reproduction, 2000, 63, 748-755.	1.2	60
20	Ursodeoxycholic acid in intrahepatic cholestasis of pregnancy: a systematic review and individual participant data meta-analysis. The Lancet Gastroenterology and Hepatology, 2021, 6, 547-558.	3.7	60
21	Mechanical stretch regulates TRPC expression and calcium entry in human myometrial smooth muscle cells. Molecular Human Reproduction, 2007, 13, 171-179*.	1.3	58
22	A role for voltage-gated, but not Ca2+ -activated, K+ channels in regulating spontaneous contractile activity in myometrium from virgin and pregnant rats. British Journal of Pharmacology, 2006, 147, 815-824.	2.7	56
23	Regulation of Human Myometrial Contractility During Pregnancy and Labour: Are Calcium Homeostatic Pathways Important?. Experimental Physiology, 2001, 86, 247-254.	0.9	55
24	The contribution of Kv7 channels to pregnant mouse and human myometrial contractility. Journal of Cellular and Molecular Medicine, 2011 , 15 , $577-586$.	1.6	55
25	The role of medical smartphone apps in clinical decision-support: A literature review. Artificial Intelligence in Medicine, 2019, 100, 101707.	3.8	55
26	Physiological Induction of Transient Receptor Potential Canonical Proteins, Calcium Entry Channels, in Human Myometrium: Influence of Pregnancy, Labor, and Interleukin- $1\hat{l}^2$. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1291-1300.	1.8	54
27	Pruritus in pregnancy: a study of anatomical distribution and prevalence in relation to the development of obstetric cholestasis. Obstetric Medicine, 2010, 3, 25-29.	0.5	49
28	The QUiPP App: a safe alternative to a treatâ€all strategy for threatened preterm labor. Ultrasound in Obstetrics and Gynecology, 2017, 50, 342-346.	0.9	49
29	Limited Relationship between Cervico-Vaginal Fluid Cytokine Profiles and Cervical Shortening in Women at High Risk of Spontaneous Preterm Birth. PLoS ONE, 2012, 7, e52412.	1.1	48
30	Increased intracellular Na+ augments mobilization of Ca2+ from SR in vascular smooth muscle cells. American Journal of Physiology - Cell Physiology, 1994, 266, C311-C317.	2.1	47
31	Integrin-linked kinase controls vascular wall formation by negatively regulating Rho/ROCK-mediated vascular smooth muscle cell contraction. Genes and Development, 2009, 23, 2278-2283.	2.7	46
32	Evaluation of outcomes of a formative objective structured clinical examination for second-year UK medical students. International Journal of Medical Education, 2015, 6, 76-83.	0.6	45
33	Stretch Activates Human Myometrium via ERK, Caldesmon and Focal Adhesion Signaling. PLoS ONE, 2009, 4, e7489.	1.1	45
34	Loss of functional K ⁺ channels encoded by <i>etherâ€Ãâ€goâ€goâ€related</i> genes in mouse myometrium prior to labour onset. Journal of Physiology, 2009, 587, 2313-2326.	1.3	44
35	Modulation of Potassium Current Characteristics in Human Myometrial Smooth Muscle by $17\hat{l}^2$ -Estradiol and Progesterone 1. Biology of Reproduction, 2001, 64, 1526-1534.	1.2	41
36	GlutathioneS-transferase and liver function in intrahepatic cholestasis of pregnancy and pruritus gravidarum. Hepatology, 2004, 40, 1406-1414.	3.6	41

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37	Pruritus may precede abnormal liver function tests in pregnant women with obstetric cholestasis: a longitudinal analysis. British Journal of Obstetrics and Gynaecology, 2001, 108, 1190-1192.	0.9	38
38	Expression and function of Kv7 channels in murine myometrium throughout oestrous cycle. Pflugers Archiv European Journal of Physiology, 2009, 457, 1111-1120.	1.3	38
39	Flow-induced dilatation in isolated resistance arteries from control and streptozotocin-diabetic rats. Diabetologia, 1998, 41, 34-39.	2.9	37
40	Dietary sodium intake, airway responsiveness, and cellular sodium transport American Journal of Respiratory and Critical Care Medicine, 1994, 149, 1426-1433.	2. 5	35
41	Pruritus may precede abnormal liver function tests in pregnant women with obstetric cholestasis: a longitudinal analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2001, 108, 1190-1192.	1.1	35
42	Novel Expression and Regulation of Voltage-Dependent Potassium Channels in Placentas From Women With Preeclampsia. Hypertension, 2011, 58, 497-504.	1.3	35
43	Development and validation of predictive models for QUiPP App v.2: tool for predicting preterm birth in women with symptoms of threatened preterm labor. Ultrasound in Obstetrics and Gynecology, 2020, 55, 357-367.	0.9	35
44	Cervicovaginal microbiota and metabolome predict preterm birth risk in an ethnically diverse cohort. JCI Insight, 2021, 6, .	2.3	35
45	Expression of scaffolding, signalling and contractile-filament proteins in human myometria: effects of pregnancy and labour. Journal of Cellular and Molecular Medicine, 2005, 9, 122-134.	1.6	34
46	Mobile phone apps for clinical decision support in pregnancy: a scoping review. BMC Medical Informatics and Decision Making, 2019, 19, 219.	1.5	34
47	Development and validation of predictive models for QUiPP App v.2: tool for predicting preterm birth in asymptomatic highâ€risk women. Ultrasound in Obstetrics and Gynecology, 2020, 55, 348-356.	0.9	32
48	Myometrial mechanoadaptation during pregnancy: implications for smooth muscle plasticity and remodelling. Journal of Cellular and Molecular Medicine, 2008, 12, 1360-1373.	1.6	30
49	Pulsatile versus continuous administration of oxytocin for induction and augmentation of labor: two randomized controlled trials. American Journal of Obstetrics and Gynecology, 2012, 206, 230.e1-230.e8.	0.7	30
50	Quantitative Fetal Fibronectin at 18 Weeks of Gestation to Predict Preterm Birth in Asymptomatic High-Risk Women. Obstetrics and Gynecology, 2016, 127, 255-263.	1.2	30
51	Rationale and design of SuPPoRT: a multi-centre randomised controlled trial to compare three treatments: cervical cerclage, cervical pessary and vaginal progesterone, for the prevention of preterm birth in women who develop a short cervix. BMC Pregnancy and Childbirth, 2016, 16, 358.	0.9	27
52	Effect of reproductive ageing on pregnant mouse uterus and cervix. Journal of Physiology, 2017, 595, 2065-2084.	1.3	27
53	Midwifery continuity of care versus standard maternity care for women at increased risk of preterm birth: A hybrid implementation–effectiveness, randomised controlled pilot trial in the UK. PLoS Medicine, 2020, 17, e1003350.	3.9	25
54	Endothelial dysfunction in streptozotocin-diabetic rats is not reversed by dietary probucol or simvastatin supplementation. Diabetologia, 1998, 41, 157-164.	2.9	24

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55	Threatened preterm labour: Women's experiences of risk and care management: A qualitative study. Midwifery, 2018, 64, 85-92.	1.0	24
56	Effects of corticotrophin releasing hormone on contractile activity of myometrium from pregnant women. BJOG: an International Journal of Obstetrics and Gynaecology, 1999, 106, 439-445.	1.1	23
57	Dexamethasone in the treatment of obstetric cholestasis: A case series. Journal of Obstetrics and Gynaecology, 2006, 26, 110-114.	0.4	22
58	Leucocyte intracellular pH and Na+ -H + exchange activity in essential hypertension: an in vitro study under physiological conditions. Journal of Hypertension, 1991, 9, 645-653.	0.3	21
59	Cyclic stretch decreases TRPC4 protein and capacitative calcium entry in rat vascular smooth muscle cells. Life Sciences, 2008, 83, 29-34.	2.0	21
60	STIM and Orai isoform expression in pregnant human myometrium: a potential role in calcium signaling during pregnancy. Frontiers in Physiology, 2014, 5, 169.	1.3	19
61	Gender and preterm birth: Is male fetal gender a clinically important risk factor for preterm birth in high-risk women?. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 225, 155-159.	0.5	19
62	Raised Trappin2/elafin Protein in Cervico-Vaginal Fluid Is a Potential Predictor of Cervical Shortening and Spontaneous Preterm Birth. PLoS ONE, 2014, 9, e100771.	1.1	19
63	Regulatory T Cells in Pregnancy Adverse Outcomes: A Systematic Review and Meta-Analysis. Frontiers in Immunology, 2021, 12, 737862.	2.2	18
64	Kv7 and Kv11 channels in myometrial regulation. Experimental Physiology, 2014, 99, 503-509.	0.9	17
65	Differential impact of acute and prolonged cAMP agonist exposure on protein kinase A activation and human myometrium contractile activity. Journal of Physiology, 2016, 594, 6369-6393.	1.3	17
66	Commentary on a combined approach to the problem of developing biomarkers for the prediction of spontaneous preterm labor that leads to preterm birth. Placenta, 2020, 98, 13-23.	0.7	17
67	Computational Modeling Reveals Key Contributions of KCNQ and hERG Currents to the Malleability of Uterine Action Potentials Underpinning Labor. PLoS ONE, 2014, 9, e114034.	1.1	16
68	Cervicovaginal natural antimicrobial expression in pregnancy and association with spontaneous preterm birth. Scientific Reports, 2020, 10, 12018.	1.6	16
69	Antenatal thymus volumes in fetuses that delivered <32Âweeks' gestation: An MRI pilot study. Acta Obstetricia Et Gynecologica Scandinavica, 2021, 100, 1040-1050.	1.3	16
70	Neonatal weight loss and gain patterns in caesarean section born infants: integrative systematic review. Maternal and Child Nutrition, 2020, 16, e12914.	1.4	15
71	The effect of blood staining on cervicovaginal quantitative fetal fibronectin concentration and prediction of spontaneous preterm birth. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 208, 103-108.	0.5	13
72	EQUIPTT: The Evaluation of the QUiPP app for Triage and Transfer protocol for a cluster randomised trial to evaluate the impact of the QUiPP app on inappropriate management for threatened preterm labour. BMC Pregnancy and Childbirth, 2019, 19, 68.	0.9	13

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73	The PRECISE (PREgnancy Care Integrating translational Science, Everywhere) Network's first protocol: deep phenotyping in three sub-Saharan African countries. Reproductive Health, 2020, 17, 51.	1.2	12
74	All the right moves: why in utero transfer is both important for the baby and difficult to achieve and new strategies for change. F1000Research, 2020, 9, 979.	0.8	12
75	Cervical length and quantitative fetal fibronectin in the prediction of spontaneous preterm birth in asymptomatic women with congenital uterine anomaly. American Journal of Obstetrics and Gynecology, 2019, 221, 341.e1-341.e9.	0.7	11
76	Predictive RNA profiles for early and very early spontaneous preterm birth. American Journal of Obstetrics and Gynecology, 2022, 227, 72.e1-72.e16.	0.7	11
77	Increased myogenic tone precedes structural changes in mild experimental uraemia in the absence of hypertension in rats. Clinical Science, 1998, 95, 681-686.	1.8	10
78	Small Peptides with a Big Role: Antimicrobial Peptides in the Pregnant Female Reproductive Tract. American Journal of Reproductive Immunology, 2015, 74, 123-125.	1.2	10
79	Activity and Expression of Soluble and Particulate Guanylate Cyclases in Myometrium from Nonpregnant and Pregnant Women: Down-Regulation of Soluble Guanylate Cyclase at Term. , 0, .		10
80	Preterm labour and prematurity. Obstetrics, Gynaecology and Reproductive Medicine, 2007, 17, 232-237.	0.1	9
81	The Preterm Clinical Network (PCN) Database: a web-based systematic method of collecting data on the care of women at risk of preterm birth. BMC Pregnancy and Childbirth, 2018, 18, 335.	0.9	9
82	Transcription factors regulated by cAMP in smooth muscle of the myometrium at human parturition. Biochemical Society Transactions, 2021, 49, 997-1011.	1.6	8
83	POPPIE: protocol for a randomised controlled pilot trial of continuity of midwifery care for women at increased risk of preterm birth. Trials, 2019, 20, 271.	0.7	7
84	Quantitative fetal fibronectin for prediction of preterm birth in asymptomatic twin pregnancy. Acta Obstetricia Et Gynecologica Scandinavica, 2020, 99, 1191-1197.	1.3	7
85	Evaluating the use of the QUiPP app and its impact on the management of threatened preterm labour: A cluster randomised trial. PLoS Medicine, 2021, 18, e1003689.	3.9	7
86	Neutrophils Dominate the Cervical Immune Cell Population in Pregnancy and Their Transcriptome Correlates With the Microbial Vaginal Environment. Frontiers in Microbiology, 0, 13, .	1.5	7
87	Antenatal diagnosis of chorioamnionitis: A review of the potential role of fetal and placental imaging. Prenatal Diagnosis, 2022, 42, 1049-1058.	1.1	7
88	Flow induces dilatation in the femoral artery of uraemic rats but constriction in control rats. Nephrology Dialysis Transplantation, 2001, 16, 1156-1162.	0.4	6
89	Association of Adverse Perinatal Outcomes of Intrahepatic Cholestasis of Pregnancy With Biochemical Markers: Results of Aggregate and Individual Patient Data Meta-analyses. Obstetrical and Gynecological Survey, 2019, 74, 388-390.	0.2	6
90	PRECISE pregnancy cohort: challenges and strategies in setting up a biorepository in sub-Saharan Africa. Reproductive Health, 2020, 17, 54.	1.2	6

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91	Reintroducing B. infantis to the cesarean-born neonate: an ecologically sound alternative to "vaginal seeding― FEMS Microbiology Letters, 2020, 367, .	0.7	6
92	Impact of a medical mobile phone app (QUiPP) for predicting preterm birth on the anxiety and decisional conflicts faced by women in threatened preterm labour. Midwifery, 2021, 92, 102864.	1.0	6
93	The use of functional placental magnetic resonance imaging for assessment of the placenta after prolonged preterm rupture of the membranes in vivo: A pilot study. Acta Obstetricia Et Gynecologica Scandinavica, 2021, 100, 2244-2252.	1.3	6
94	Nuclear Magnetic Resonance Metabolomics of Symbioses between Bacterial Vaginosis-Associated Bacteria. MSphere, 2022, 7, e0016622.	1.3	6
95	Ramipril prevents basal arterial constriction and enhanced myogenic tone in the femoral artery in mildly uraemic normotensive rats. Clinical Science, 1999, 97, 233-237.	1.8	5
96	Progesterone and Preterm Birth. New England Journal of Medicine, 2007, 357, 2306-2307.	13.9	4
97	Nuclear factor of activated T-cell isoform expression and regulation in human myometrium. Reproductive Biology and Endocrinology, 2015, 13, 83.	1.4	4
98	Rationale & Design of the PROMISES study: a prospective assessment and validation study of salivary progesterone as a test for preterm birth in pregnant women from rural India. Reproductive Health, 2018, 15, 215.	1.2	4
99	Ten women's decision-making experiences in threatened preterm labour: Qualitative findings from the EQUIPTT trial. Sexual and Reproductive Healthcare, 2021, 29, 100611.	0.5	4
100	Pregnancy cohorts and biobanking in sub-Saharan Africa: a systematic review. BMJ Global Health, 2020, 5, e003716.	2.0	4
101	Expression of voltage-dependent potassium channels in first trimester human placentae. Placenta, 2014, 35, 337-340.	0.7	3
102	Host Defense Peptide Expression in Human Cervical Cells and Regulation by 1,25-Dihydroxyvitamin D3 in the Presence of Cytokines and Bacterial Endotoxin. Reproductive Sciences, 2018, 25, 1208-1217.	1.1	3
103	The impact of progesterone and RU-486 on classic pro-labour proteins & amp; contractility in human myometrial tissues during 24-hour exposure to tension & amp; interleukin- 11^2 . Molecular and Cellular Endocrinology, 2020, 500, 110633.	1.6	3
104	Changes in cAMP effector predominance are associated with increased oxytocin receptor expression in twin but not infection-associated or idiopathic preterm labour. PLoS ONE, 2020, 15, e0240325.	1.1	3
105	Unravelling the role of the ryanodine receptor type 3 in smooth muscle. Journal of Physiology, 2002, 538, 673-673.	1.3	2
106	OS081. Novel KCNQ3/KCNE5 isoform protein and mRNA expression in first trimester human placentae. Pregnancy Hypertension, 2012, 2, 221-222.	0.6	2
107	10: Quantitative fetal fibronectin assessment at 22 0/7-27 6/7 weeks' GA significantly modifies the risk of preterm birth in asymptomatic high risk patients with sonographic cervical shortening. American Journal of Obstetrics and Gynecology, 2015, 212, S8-S9.	0.7	2
108	The PROMISES study: a mixed methods approach to explore the acceptability of salivary progesterone testing for preterm birth risk among pregnant women and trained frontline healthcare workers in rural India. BMJ Open, 2021, 11, e040268.	0.8	2

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109	Evaluating aminophylline and progesterone combination treatment to modulate contractility and laborâ€related proteins in pregnant human myometrial tissues. Pharmacology Research and Perspectives, 2021, 9, e00818.	1.1	2
110	The interaction between protein kinase A and progesterone on basal and inflammation-induced myometrial oxytocin receptor expression. PLoS ONE, 2020, 15, e0239937.	1.1	2
111	Clinicians' experiences of using and implementing a medical mobile phone app (QUiPP V2) designed to predict the risk of preterm birth and aid clinical decision making. BMC Medical Informatics and Decision Making, 2021, 21, 320.	1.5	2
112	Activation of Lymphocytes in Healthy Neonates Within Hours of Birth. Frontiers in Immunology, 2022, 13, .	2.2	2
113	A translational approach to studying preterm labour. BMC Pregnancy and Childbirth, 2007, 7, S8.	0.9	1
114	Delayed onset of lactogenesis and reduced breastfeeding frequency in mothers who give birth by caesarean section. Proceedings of the Nutrition Society, 2020, 79, .	0.4	1
115	Labour classified by cervical dilatation & fetal membrane rupture demonstrates differential impact on RNA-seq data for human myometrium tissues. PLoS ONE, 2021, 16, e0260119.	1.1	1
116	Ramipril prevents basal arterial constriction and enhanced myogenic tone in the femoral artery in mildly uraemic normotensive rats. Clinical Science, 1999, 97, 233.	1.8	0
117	P13. Alterations in placental expression of Caveolin-1, Cavin-1 and eNOS in women with pre-eclampsia. Pregnancy Hypertension, 2011, 1, 278-279.	0.6	0
118	Effect of NS11021, a novel BKCA channel opener, on non-pregnant and pregnant mouse myometrial contractility. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2011, 96, Fa80-Fa80.	1.4	0
119	Does urinary tract infection alter fetal fibronectin vaginal swab results?. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 222, 184-185.	0.5	0
120	Ursodeoxycholic Acid in Intrahepatic Cholestasis of Pregnancy: A Systematic Review and Individual Participant Data Meta-analysis. Obstetrical and Gynecological Survey, 2021, 76, 521-523.	0.2	0
121	LB 2: Early prediction of spontaneous preterm birth in a high-risk population using cfRNA profiling. American Journal of Obstetrics and Gynecology, 2022, 226, S779.	0.7	0
122	Re.The web-based application "QUiPP v.2―for the prediction of preterm birth in symptomatic women is not yet ready for worldwide clinical use: ten reflections on development, validation and use.― Archives of Gynecology and Obstetrics, 2023, 307, 641-641.	0.8	0
123	Physiological resilience across the <i>lifecourse</i> : in utero and beyond. Experimental Physiology, 2022, 107, 395-397.	0.9	0