

# Helen L Barrett

## List of Publications by Year in descending order

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90  
papers

2,942  
citations

172443

29  
h-index

182417

51  
g-index

95  
all docs

95  
docs citations

95  
times ranked

4425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Systolic and Diastolic Blood Pressure Is Associated With Altered Gut Microbiota Composition and Butyrate Production in Early Pregnancy. Hypertension, 2016, 68, 974-981.	2.7	293
2	Low dietary fiber intake increases <i>Collinsella</i> abundance in the gut microbiota of overweight and obese pregnant women. Gut Microbes, 2018, 9, 189-201.	9.8	233
3	Connections Between the Gut Microbiome and Metabolic Hormones in Early Pregnancy in Overweight and Obese Women. Diabetes, 2016, 65, 2214-2223.	0.6	223
4	Review: Maternal health and the placental microbiome. Placenta, 2017, 54, 30-37.	1.5	129
5	Probiotics for the Prevention of Gestational Diabetes Mellitus in Overweight and Obese Women: Findings From the SPRING Double-Blind Randomized Controlled Trial. Diabetes Care, 2019, 42, 364-371.	8.6	125
6	Contributions of the maternal oral and gut microbiome to placental microbial colonization in overweight and obese pregnant women. Scientific Reports, 2017, 7, 2860.	3.3	120
7	Normalizing Metabolism in Diabetic Pregnancy: Is It Time to Target Lipids?. Diabetes Care, 2014, 37, 1484-1493.	8.6	110
8	Metformin in women with type 2 diabetes in pregnancy (MiTy): a multicentre, international, randomised, placebo-controlled trial. Lancet Diabetes and Endocrinology, 2020, 8, 834-844.	11.4	103
9	Vitamin D and pregnancy: An old problem revisited. Best Practice and Research in Clinical Endocrinology and Metabolism, 2010, 24, 527-539.	4.7	94
10	A Vegetarian Diet Is a Major Determinant of Gut Microbiota Composition in Early Pregnancy. Nutrients, 2018, 10, 890.	4.1	82
11	SPRING: an RCT study of probiotics in the prevention of gestational diabetes mellitus in overweight and obese women. BMC Pregnancy and Childbirth, 2013, 13, 50.	2.4	76
12	Antibiotic treatment at delivery shapes the initial oral microbiome in neonates. Scientific Reports, 2017, 7, 43481.	3.3	72
13	Faecal Microbiota Are Related to Insulin Sensitivity and Secretion in Overweight or Obese Adults. Journal of Clinical Medicine, 2019, 8, 452.	2.4	68
14	Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial. Nutrients, 2019, 11, 2888.	4.1	58
15	Pain characteristics in patients admitted to hospital with complications after spinal cord injury11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. Archives of Physical Medicine and Rehabilitation, 2003, 84, 789-795.	0.9	57
16	SOMANZ guidelines for the investigation and management sepsis in pregnancy. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2017, 57, 540-551.	1.0	57
17	Probiotics for preventing gestational diabetes. The Cochrane Library, 2014, , CD009951.	2.8	56
18	Review: Placental transport and metabolism of energy substrates in maternal obesity and diabetes. Placenta, 2017, 54, 59-67.	1.5	56

#	ARTICLE	IF	CITATIONS
19	Re-assessing microbiomes in the low-biomass reproductive niche. BJOG: an International Journal of Obstetrics and Gynaecology, 2020, 127, 147-158.	2.3	50
20	The Breathing for Life Trial: a randomised controlled trial of fractional exhaled nitric oxide (FENO)-based management of asthma during pregnancy and its impact on perinatal outcomes and infant and childhood respiratory health. BMC Pregnancy and Childbirth, 2016, 16, 111.	2.4	45
21	Primary Hyperparathyroidism in Pregnancy: Maternofetal Outcomes at a Quaternary Referral Obstetric Hospital, 2000 Through 2015. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 721-729.	3.6	45
22	Pregnant women who develop preeclampsia have lower abundance of the butyrate-producer Coprococcus in their gut microbiota. Pregnancy Hypertension, 2021, 23, 211-219.	1.4	42
23	Watchful waiting: A management protocol for maternal glycaemia in the peripartum period. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2009, 49, 162-167.	1.0	40
24	Maternal and Neonatal Circulating Markers of Metabolic and Cardiovascular Risk in the Metformin in Gestational Diabetes (MiG) Trial. Diabetes Care, 2013, 36, 529-536.	8.6	39
25	Increased Placental Expression of Fibroblast Growth Factor 21 in Gestational Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E591-E598.	3.6	39
26	Altered Gut Microbiota Composition Is Associated With Back Pain in Overweight and Obese Individuals. Frontiers in Endocrinology, 2020, 11, 605.	3.5	39
27	Probiotics: a potential role in the prevention of gestational diabetes?. Acta Diabetologica, 2012, 49, 1-13.	2.5	33
28	Exercise in pregnancy does not alter gestational weight gain, MCP or leptin in obese women. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2015, 55, 27-33.	1.0	33
29	Probiotics and Pregnancy. Current Diabetes Reports, 2015, 15, 567.	4.2	33
30	Placental Lipases in Pregnancies Complicated by Gestational Diabetes Mellitus (GDM). PLoS ONE, 2014, 9, e104826.	2.5	33
31	ADIPS 2020 guideline for pre-existing diabetes and pregnancy. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2020, 60, E18-E52.	1.0	29
32	Probiotics for preventing gestational diabetes. The Cochrane Library, 2021, 2021, CD009951.	2.8	28
33	Determinants of Maternal Triglycerides in Women With Gestational Diabetes Mellitus in the Metformin in Gestational Diabetes (MiG) Study. Diabetes Care, 2013, 36, 1941-1946.	8.6	27
34	Trends in asthma self-management skills and inhaled corticosteroid use during pregnancy and postpartum from 2004 to 2017. Journal of Asthma, 2019, 56, 594-602.	1.7	24
35	Iron supplementation has minor effects on gut microbiota composition in overweight and obese women in early pregnancy. British Journal of Nutrition, 2018, 120, 283-289.	2.3	20
36	Maternal lipids in pre-eclampsia: innocent bystander or culprit?. Hypertension in Pregnancy, 2014, 33, 508-523.	1.1	18

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37	Periconception Weight Loss: Common Sense for Mothers, but What about for Babies?. <i>Journal of Obesity</i> , 2014, 2014, 1-10.	2.7	17
38	The effect of a low carbohydrate formula on glycaemia in critically ill enterally-fed adult patients with hyperglycaemia: A blinded randomised feasibility trial. <i>Clinical Nutrition ESPEN</i> , 2019, 31, 80-87.	1.2	17
39	Insulin requirements in late pregnancy in women with type 1 diabetes mellitus: A retrospective review. <i>Diabetes Research and Clinical Practice</i> , 2012, 98, 414-421.	2.8	16
40	Ketones in Pregnancy: Why Is It Considered Necessary to Avoid Them and What Is the Evidence Behind Their Perceived Risk?. <i>Diabetes Care</i> , 2021, 44, 280-289.	8.6	16
41	A prospective pilot study in assessing the accuracy of ultrasound estimated fetal weight prior to delivery. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2016, 56, 49-53.	1.0	14
42	Ketonuria Is Associated with Changes to the Abundance of Roseburia in the Gut Microbiota of Overweight and Obese Women at 16 Weeks Gestation: A Cross-Sectional Observational Study. <i>Nutrients</i> , 2019, 11, 1836.	4.1	14
43	Management of Amiodarone-Induced Thyrotoxicosis at a Cardiac Transplantation Centre. <i>Frontiers in Endocrinology</i> , 2018, 9, 482.	3.5	12
44	Dietary Fiber Intake Alters Gut Microbiota Composition but Does Not Improve Gut Wall Barrier Function in Women with Future Hypertensive Disorders of Pregnancy. <i>Nutrients</i> , 2020, 12, 3862.	4.1	12
45	Placental fibroblast growth factor 21 is not altered in late-onset preeclampsia. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 14.	3.3	11
46	Chronic kidney disease in pregnancy: Maternal and fetal outcomes and progression of kidney disease. <i>Obstetric Medicine</i> , 2015, 8, 92-98.	1.1	11
47	Termination of pregnancy for maternal medical indications: Failings in delivery of contraceptive advice?. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2011, 51, 532-535.	1.0	10
48	Placental lipase expression in pregnancies complicated by preeclampsia: a caseâ€“control study. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 100.	3.3	10
49	Diabetes care: addressing psychosocial wellâ€“being in young adults with a newly developed assessment tool. <i>Internal Medicine Journal</i> , 2020, 50, 70-76.	0.8	9
50	Factors Associated with Nonadherence to Inhaled Corticosteroids for Asthma During Pregnancy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1242-1252.e1.	3.8	9
51	The role of Tâ€“cell immunity in COVIDâ€“19 severity amongst people living with type II diabetes. <i>FEBS Journal</i> , 2021, 288, 5042-5054.	4.7	9
52	Exploring the diets of mothers and their partners during pregnancy: Findings from the Queensland Family Cohort pilot study. <i>Nutrition and Dietetics</i> , 2022, 79, 602-615.	1.8	9
53	Maternal gut microbiota displays minor changes in overweight and obese women with GDM. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2131-2139.	2.6	8
54	Systematic Review: Diabetes Family Conflict in Young People With Type 1 Diabetes. <i>Journal of Pediatric Psychology</i> , 2021, 46, 1091-1109.	2.1	8

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55	Validation of a triglyceride meter for use in pregnancy. BMC Research Notes, 2014, 7, 679.	1.4	7
56	Determinants of Cardiovascular Risk in 7000 Youth With Type 1 Diabetes in the Australasian Diabetes Data Network. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 133-142.	3.6	7
57	T-Cell Expression and Release of Kidney Injury Molecule-1 in Response to Glucose Variations Initiates Kidney Injury in Early Diabetes. Diabetes, 2021, 70, 1754-1766.	0.6	7
58	Longitudinal Analysis of Lung Function in Pregnant Women with and without Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1578-1585.e3.	3.8	7
59	Hypertensive disorders of pregnancy. BMJ, The, 2017, 358, j3245.	6.0	6
60	Prevalence of maternal urinary ketones in pregnancy in overweight and obese women. Obstetric Medicine, 2018, 11, 79-82.	1.1	6
61	Perforated jejunal ulcer associated with gastric mucosa in a jejunal diverticulum. World Journal of Clinical Cases, 2014, 2, 209.	0.8	6
62	Reduced Abundance of Nitrate-Reducing Bacteria in the Oral Microbiota of Women with Future Preeclampsia. Nutrients, 2022, 14, 1139.	4.1	6
63	Home Monitoring of Fasting and Postprandial Triglycerides in Late Pregnancy: A Pilot Study. Diabetes Care, 2017, 40, e1-e2.	8.6	5
64	Arm and finger measurements in the third trimester: Implications for blood pressure measurement. Pregnancy Hypertension, 2018, 14, 105-109.	1.4	5
65	A fifteen-year retrospective review of obstetric patients requiring critical care. Obstetric Medicine, 2012, 5, 166-170.	1.1	4
66	Advanced glycation end products as predictors of renal function in youth with type 1 diabetes. Scientific Reports, 2021, 11, 9422.	3.3	4
67	Longitudinal audit of assessment and pharmaceutical intervention for cardiovascular risk in the Australasian Diabetes Data Network. Diabetes, Obesity and Metabolism, 2022, 24, 354-361.	4.4	3
68	The impact of a modified carbohydrate formula, and its constituents, on glycaemic control and inflammatory markers: A nested mechanistic sub-study. Journal of Human Nutrition and Dietetics, 2022, 35, 455-465.	2.5	3
69	Moyamoya disease in pregnancy: maintenance of maternal blood pressure. Obstetric Medicine, 2012, 5, 32-34.	1.1	2
70	Therapeutic heparin during the peripartum period - challenges associated with safe use. Journal of Pharmacy Practice and Research, 2018, 48, 314-319.	0.8	2
71	Obesity in Pregnancy: Epidemiology, Mechanisms, Nutritional and Metabolic Management. Frontiers in Diabetes, 2020, , 21-34.	0.4	2
72	Maternal asthma and gestational diabetes mellitus: Exploration of potential associations. Obstetric Medicine, 2021, 14, 12-18.	1.1	2

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73	Update on pulmonary embolism in pregnancy and postpartum: The Society of Obstetric Medicine of Australia and New Zealand Position Statement on Pulmonary Embolism in Pregnancy and Postpartum. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2021, 61, 830-836.	1.0	2
74	Predictors of Preeclampsia in Women in the Metformin in Gestational Diabetes(Mig) Study. Journal of Diabetes & Metabolism, 2014, 05, .	0.2	2
75	The conundrum of eclampsia and fitness to drive. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2013, 53, 540-543.	1.0	1
76	Expression of placental fibroblast growth factor 21 (FGF21) is increased in placental tissue from pregnancies with preeclampsia. Placenta, 2014, 35, A84.	1.5	1
77	Hepatic paraganglioma hiding as a slowly growing lesion for 24 years: a diagnostic conundrum. BMJ Case Reports, 2019, 12, e228947.	0.5	1
78	Going in Early: Hypoxia as a Target for Kidney Disease Prevention in Diabetes?. Diabetes, 2020, 69, 2578-2580.	0.6	1
79	Therapeutic anticoagulation during the postnatal peripartum period: a survey of clinical practice. Journal of Pharmacy Practice and Research, 2020, 50, 213-219.	0.8	1
80	Self-reported periconception weight loss attempts do not alter infant body composition. Nutrition, 2020, 77, 110781.	2.4	1
81	Capillary Triglycerides in Late Pregnancyâ€”Challenging to Measure, Hard to Interpret: A Cohort Study of Practicality. Nutrients, 2021, 13, 1266.	4.1	1
82	Improving Antenatal Asthma Management: A Complex Journey. European Medical Journal Respiratory, 0, , 97-107.	1.0	1
83	Interventions before and during Pregnancy to Minimize the Risks of an Overweight Pregnancy. Nestle Nutrition Institute Workshop Series, 2014, , 105-116.	0.1	0
84	Successful Resuscitation of Maternal Cardiac Arrest With Disseminated Intravascular Coagulation Guided by Rotational Thromboelastometry and Transesophageal Echocardiography. A&A Practice, 2018, 10, 139-143.	0.4	0
85	Biomarkers of Metabolic and Cardiovascular Risk in Gestational Diabetes. , 2018, , 147-159.		0
86	Probiotics in the Prevention of Gestational Diabetes Mellitus (GDM). , 2018, , 275-288.		0
87	Maternal metyrapone use during breastfeeding: safe for the breastfed infant. Journal of the Endocrine Society, 2019, 3, 973-978.	0.2	0
88	SAT0136â€¦CONSISTENCY WITH INTERNATIONAL GUIDELINES REGARDING MOTHERS WITH RHEUMATOLOGIC DISEASES EXPOSED TO TUMOUR NECROSIS FACTOR INHIBITORS (TNFI) DURING THE ANTE- AND POSTNATAL PERIODS AND CHANGE OVER TIME. , 2019, , .		0
89	Consumption of a Low Carbohydrate Diet in Overweight or Obese Pregnant Women Is Associated with Longer Gestation of Pregnancy. Nutrients, 2021, 13, 3511.	4.1	0
90	Maternal Postprandial Triglycerides in the Home Setting. Diabetes, 2018, 67, .	0.6	0