

Leonie K Callaway

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

5,315
citations

116194

36
h-index

104191

69
g-index

126
all docs

126
docs citations

126
times ranked

7767
citing authors

#	ARTICLE	IF	CITATIONS
1	Suicide crises among women and mothers during and around the time of pregnancy: Prevalence and timing of initial contact with first responders and health services. <i>Australian and New Zealand Journal of Psychiatry</i> , 2023, 57, 291-301.	1.3	1
2	Sterile water injections for relief of labour pain (the SATURN trial): study protocol for a randomised controlled trial. <i>Trials</i> , 2022, 23, 155.	0.7	3
3	Reduced Abundance of Nitrate-Reducing Bacteria in the Oral Microbiota of Women with Future Preeclampsia. <i>Nutrients</i> , 2022, 14, 1139.	1.7	6
4	Is Secretory Activation Delayed in Women with Type Two Diabetes? A Pilot Study. <i>Nutrients</i> , 2022, 14, 1323.	1.7	1
5	Outcomes from a hybrid implementation-effectiveness study of the living well during pregnancy Tele-coaching program for women at high risk of excessive gestational weight gain. <i>BMC Health Services Research</i> , 2022, 22, 589.	0.9	3
6	A theory driven, pragmatic trial implementing changes to routine antenatal care that supports recommended pregnancy weight gain. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 416.	0.9	6
7	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.	2.0	9
8	A multi-centre, open label, randomised, parallel-group, superiority Trial to compare the efficacy of URsodeoxycholic acid with RIFampicin in the management of women with severe early onset Intrahepatic Cholestasis of pregnancy: the TURRIFIC randomised trial. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 51.	0.9	21
9	Pregnant women who develop preeclampsia have lower abundance of the butyrate-producer <i>Coprococcus</i> in their gut microbiota. <i>Pregnancy Hypertension</i> , 2021, 23, 211-219.	0.6	42
10	Implementation of the Living Well During Pregnancy Telecoaching Program for Women at High Risk of Excessive Gestational Weight Gain: Protocol for an Effectiveness-Implementation Hybrid Study. <i>JMIR Research Protocols</i> , 2021, 10, e27196.	0.5	3
11	Fetal ultrasound scans to guide management of gestational diabetes: Improved neonatal outcomes in routine clinical practice. <i>Diabetes Research and Clinical Practice</i> , 2021, 173, 108696.	1.1	5
12	Capillary Triglycerides in Late Pregnancy – Challenging to Measure, Hard to Interpret: A Cohort Study of Practicality. <i>Nutrients</i> , 2021, 13, 1266.	1.7	1
13	Probiotics for preventing gestational diabetes. <i>The Cochrane Library</i> , 2021, 2021, CD009951.	1.5	28
14	Maternal gut microbiota displays minor changes in overweight and obese women with GDM. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2131-2139.	1.1	8
15	The association between birth by caesarean section at term and offspring cognitive and academic performance: A birth cohort study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2021, , .	0.4	1
16	Factors Associated with Asthma Exacerbations During Pregnancy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4343-4352.e4.	2.0	13
17	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.	4.3	16
18	Consumption of a Low Carbohydrate Diet in Overweight or Obese Pregnant Women Is Associated with Longer Gestation of Pregnancy. <i>Nutrients</i> , 2021, 13, 3511.	1.7	0

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19	ADIPS 2020 guideline for pre-existing diabetes and pregnancy. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2020, 60, E18-E52.	0.4	29
20	Dietary Fiber Intake Alters Gut Microbiota Composition but Does Not Improve Gut Wall Barrier Function in Women with Future Hypertensive Disorders of Pregnancy. Nutrients, 2020, 12, 3862.	1.7	12
21	Diagnosing and providing initial management for patients with Gestational Diabetes: What is the General Practitioner's experience?. Diabetes Research and Clinical Practice, 2020, 166, 108290.	1.1	7
22	Self-reported periconception weight loss attempts do not alter infant body composition. Nutrition, 2020, 77, 110781.	1.1	1
23	Postnatal gestational diabetes mellitus follow-up: Perspectives of Australian hospital clinicians and general practitioners. Women and Birth, 2019, 32, e24-e33.	0.9	12
24	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. Nutrients, 2019, 11, 1836.	1.7	14
25	The Role of Childhood Adversity in the Development of Gestational Diabetes. American Journal of Preventive Medicine, 2019, 57, 302-310.	1.6	21
26	Experiences of women, hospital clinicians and general practitioners with gestational diabetes mellitus postnatal follow-up: A mixed methods approach. Diabetes Research and Clinical Practice, 2019, 148, 32-42.	1.1	9
27	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.	4.3	125
28	Factors associated with non-beneficial treatments in end of life hospital admissions: a multicentre retrospective cohort study in Australia. BMJ Open, 2019, 9, e030955.	0.8	11
29	SerpB2 deficiency in mice reduces bleeding times via dysregulated platelet activation. Platelets, 2019, 30, 658-663.	1.1	6
30	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.	0.9	24
31	Prevalence of maternal urinary ketones in pregnancy in overweight and obese women. Obstetric Medicine, 2018, 11, 79-82.	0.5	6
32	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.	4.3	233
33	The physiological and glycaemic changes in breastfeeding women with type 1 diabetes mellitus. Diabetes Research and Clinical Practice, 2018, 135, 93-101.	1.1	14
34	Placental mitochondrial adaptations in preeclampsia associated with progression to term delivery. Cell Death and Disease, 2018, 9, 1150.	2.7	63
35	Preconception risk of gestational diabetes: Development of a prediction model in nulliparous Australian women. Diabetes Research and Clinical Practice, 2018, 146, 48-57.	1.1	17
36	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.	1.2	20

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37	A Vegetarian Diet Is a Major Determinant of Gut Microbiota Composition in Early Pregnancy. <i>Nutrients</i> , 2018, 10, 890.	1.7	82
38	Maternal overweight and obesity: where to from here?. <i>Medical Journal of Australia</i> , 2018, 208, 112-113.	0.8	1
39	Antibiotic treatment at delivery shapes the initial oral microbiome in neonates. <i>Scientific Reports</i> , 2017, 7, 43481.	1.6	72
40	Prospective Relationships between Health Cognitions and Excess Gestational Weight Gain in a Cohort of Healthy and Overweight Pregnant Women. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2017, 117, 1198-1209.	0.4	18
41	Contributions of the maternal oral and gut microbiome to placental microbial colonization in overweight and obese pregnant women. <i>Scientific Reports</i> , 2017, 7, 2860.	1.6	120
42	Obstetric risk score - revalidated for triaging high-risk pregnancies in rural areas. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2017, 57, 63-67.	0.4	4
43	Hypertensive disorders of pregnancy. <i>BMJ</i> , The, 2017, 358, j3245.	3.0	6
44	Home Monitoring of Fasting and Postprandial Triglycerides in Late Pregnancy: A Pilot Study. <i>Diabetes Care</i> , 2017, 40, e1-e2.	4.3	5
45	Interpretation of Care Guidelines for Obese Women in Labor: Intergroup Language and Social Identity. <i>Journal of Language and Social Psychology</i> , 2017, 36, 388-414.	1.2	1
46	A Cross Sectional Comparison of Predisposing, Reinforcing and Enabling Factors for Lifestyle Health Behaviours and Weight Gain in Healthy and Overweight Pregnant Women. <i>Maternal and Child Health Journal</i> , 2017, 21, 626-635.	0.7	25
47	Obesity and Complications from Neuraxial Analgesia " We Need to Know More. <i>Paediatric and Perinatal Epidemiology</i> , 2017, 31, 506-508.	0.8	1
48	Incidence, duration and cost of futile treatment in end-of-life hospital admissions to three Australian public-sector tertiary hospitals: a retrospective multicentre cohort study. <i>BMJ Open</i> , 2017, 7, e017661.	0.8	44
49	Successful vaginal delivery following spontaneous adrenal haemorrhage at term. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016215096.	0.2	1
50	What does "fertility" mean? An empirical study of doctors' perceptions. <i>Medical Journal of Australia</i> , 2016, 204, 318-318.	0.8	35
51	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. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 111.	0.9	45
52	Connections Between the Gut Microbiome and Metabolic Hormones in Early Pregnancy in Overweight and Obese Women. <i>Diabetes</i> , 2016, 65, 2214-2223.	0.3	223
53	Increased Systolic and Diastolic Blood Pressure Is Associated With Altered Gut Microbiota Composition and Butyrate Production in Early Pregnancy. <i>Hypertension</i> , 2016, 68, 974-981.	1.3	293
54	The Role of Energy, Nutrients, Foods, and Dietary Patterns in the Development of Gestational Diabetes Mellitus: A Systematic Review of Observational Studies. <i>Diabetes Care</i> , 2016, 39, 16-23.	4.3	165

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55	Women's use of herbal and alternative medicines for preconception care. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2015, 55, 222-226.	0.4	15
56	A systems approach to reducing maternal obesity: The Health in Preconception, Pregnancy and Postbirth (<scp>HIPPP</scp>) Collaborative. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2015, 55, 397-400.	0.4	24
57	Maternal super-obesity and perinatal outcomes in Australia: a national population-based cohort study. BMC Pregnancy and Childbirth, 2015, 15, 322.	0.9	38
58	Placental lipase expression in pregnancies complicated by preeclampsia: a caseâ€“control study. Reproductive Biology and Endocrinology, 2015, 13, 100.	1.4	10
59	Reassessment of the new diagnostic thresholds for gestational diabetes mellitus: an opportunity for improvement. Medical Journal of Australia, 2015, 202, 132-132.	0.8	0
60	Exercise in pregnancy does not alter gestational weight gain, <scp>MCP</scp>â€“1 or leptin in obese women. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2015, 55, 27-33.	0.4	33
61	Breastfeeding is protective to diabetes risk in young adults: a longitudinal study. Acta Diabetologica, 2015, 52, 837-844.	1.2	33
62	Postnatal gestational diabetes mellitus follow-up: Australian women's experiences. Women and Birth, 2015, 28, 285-292.	0.9	21
63	Prepregnancy dietary patterns and risk of developing hypertensive disorders of pregnancy: results from the Australian Longitudinal Study on Womenâ€™s Health. American Journal of Clinical Nutrition, 2015, 102, 94-101.	2.2	92
64	Rapid method for growth hormone receptor exon 3 delete (GHRd3) SNP genotyping from archival human placental samples. Endocrine, 2015, 49, 643-652.	1.1	3
65	Placental fibroblast growth factor 21 is not altered in late-onset preeclampsia. Reproductive Biology and Endocrinology, 2015, 13, 14.	1.4	11
66	Chronic kidney disease in pregnancy: Maternal and fetal outcomes and progression of kidney disease. Obstetric Medicine, 2015, 8, 92-98.	0.5	11
67	Early-life risk factors for chronic nonrespiratory diseases. European Respiratory Journal, 2015, 45, 244-259.	3.1	13
68	What is the failure rate in extending labour analgesia in patients with a body mass indexâ€“40â€“kg/m ² compared with patients with a body mass indexâ€“≤ 30â€“kg/m ² ? a retrospective pilot study. BMC Anesthesiology, 2015, 15, 115.	0.1	18
69	Pre-pregnancy dietary patterns and risk of gestational diabetes mellitus: results from an Australian population-based prospective cohort study. Diabetologia, 2015, 58, 2726-2735.	2.9	88
70	The associations of anthropometric measurements with subsequent gestational diabetes in Aboriginal women. Obesity Research and Clinical Practice, 2015, 9, 499-506.	0.8	11
71	Probiotics and Pregnancy. Current Diabetes Reports, 2015, 15, 567.	1.7	33
72	Periconception Weight Loss: Common Sense for Mothers, but What about for Babies?. Journal of Obesity, 2014, 2014, 1-10.	1.1	17

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73	The effect of obesity on pregnancy outcomes among Australian Indigenous and non-Indigenous women. <i>Medical Journal of Australia</i> , 2014, 201, 592-595.	0.8	32
74	Interventions before and during Pregnancy to Minimize the Risks of an Overweight Pregnancy. Nestle Nutrition Institute Workshop Series, 2014, , 105-116.	1.5	0
75	Peripartum Management of Glycemia in Women With Type 1 Diabetes. <i>Diabetes Care</i> , 2014, 37, 364-371.	4.3	28
76	Factors determining insulin requirements in women with type 1 diabetes mellitus during pregnancy: a review. <i>Obstetric Medicine</i> , 2014, 7, 52-59.	0.5	4
77	Pregnancy and cystic fibrosis: Approach to contemporary management. <i>Obstetric Medicine</i> , 2014, 7, 147-155.	0.5	29
78	Normalizing Metabolism in Diabetic Pregnancy: Is It Time to Target Lipids?. <i>Diabetes Care</i> , 2014, 37, 1484-1493.	4.3	110
79	Increased Placental Expression of Fibroblast Growth Factor 21 in Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E591-E598.	1.8	39
80	Maternal lipids in pre-eclampsia: innocent bystander or culprit?. <i>Hypertension in Pregnancy</i> , 2014, 33, 508-523.	0.5	18
81	Placental Lipases in Pregnancies Complicated by Gestational Diabetes Mellitus (GDM). <i>PLoS ONE</i> , 2014, 9, e104826.	1.1	33
82	An observational study of nutrition and physical activity behaviours, knowledge, and advice in pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 115.	0.9	103
83	SPRING: an RCT study of probiotics in the prevention of gestational diabetes mellitus in overweight and obese women. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 50.	0.9	76
84	Development and validation of a pregnancy symptoms inventory. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 3.	0.9	46
85	Determinants of Maternal Triglycerides in Women With Gestational Diabetes Mellitus in the Metformin in Gestational Diabetes (MiG) Study. <i>Diabetes Care</i> , 2013, 36, 1941-1946.	4.3	27
86	Pre-pregnancy BMI: Costs associated with maternal underweight and obesity in Queensland. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2013, 53, 243-249.	0.4	22
87	The conundrum of eclampsia and fitness to drive. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2013, 53, 540-543.	0.4	1
88	Elevated complement factor C5a in maternal and umbilical cord plasma in preeclampsia. <i>Journal of Reproductive Immunology</i> , 2013, 97, 211-216.	0.8	48
89	Cesarean Delivery and the Long-Term Risk of Offspring Obesity. <i>Obstetrics and Gynecology</i> , 2013, 122, 1176-1183.	1.2	17
90	Maternal and Neonatal Circulating Markers of Metabolic and Cardiovascular Risk in the Metformin in Gestational Diabetes (MiG) Trial. <i>Diabetes Care</i> , 2013, 36, 529-536.	4.3	39

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91	When conventional treatment fails: the role of intravenous immunoglobulin in recurrent pregnancy loss secondary to antiphospholipid syndrome. <i>Obstetric Medicine</i> , 2013, 6, 76-79.	0.5	3
92	Testing for Gestational Diabetes Mellitus in Australia. <i>Diabetes Care</i> , 2013, 36, e64-e64.	4.3	51
93	C5a Receptor Signaling Prevents Folate Deficiency-Induced Neural Tube Defects in Mice. <i>Journal of Immunology</i> , 2013, 190, 3493-3499.	0.4	41
94	Association between Gestational Weight Gain and Postpartum Diabetes: Evidence from a Community Based Large Cohort Study. <i>PLoS ONE</i> , 2013, 8, e75679.	1.1	36
95	Reply to M-A Gaud et al. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 529-531.	2.2	0
96	Prediction of fat-free mass and percentage of body fat in neonates using bioelectrical impedance analysis and anthropometric measures: validation against the PEA POD. <i>British Journal of Nutrition</i> , 2012, 107, 1545-1552.	1.2	74
97	A fifteen-year retrospective review of obstetric patients requiring critical care. <i>Obstetric Medicine</i> , 2012, 5, 166-170.	0.5	4
98	Moyamoya disease in pregnancy: maintenance of maternal blood pressure. <i>Obstetric Medicine</i> , 2012, 5, 32-34.	0.5	2
99	A prospective study of pregnancy weight gain in Australian women. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2012, 52, 545-551.	0.4	103
100	Probiotics: a potential role in the prevention of gestational diabetes?. <i>Acta Diabetologica</i> , 2012, 49, 1-13.	1.2	33
101	The Association between Maltreatment in Childhood and Pre-Pregnancy Obesity in Women Attending an Antenatal Clinic in Australia. <i>PLoS ONE</i> , 2012, 7, e51868.	1.1	28
102	Overweight and obesity in Australian mothers: epidemic or endemic?. <i>Medical Journal of Australia</i> , 2012, 196, 184-188.	0.8	132
103	Changes in resting and walking energy expenditure and walking speed during pregnancy in obese women. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 819-830.	2.2	26
104	Diagnosis and treatment of hypertension 21 years after a hypertensive disorder of pregnancy. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2011, 51, 437-440.	0.4	16
105	Weight gain and nutritional intake in obese pregnant women: Some clues for intervention. <i>Nutrition and Dietetics</i> , 2011, 68, 53-59.	0.9	16
106	Exercise in obese pregnant women: The role of social factors, lifestyle and pregnancy symptoms. <i>BMC Pregnancy and Childbirth</i> , 2011, 11, 4.	0.9	56
107	Overweight and obesity knowledge prior to pregnancy: a survey study. <i>BMC Pregnancy and Childbirth</i> , 2011, 11, 96.	0.9	33
108	Determinants of Body Fat in Infants of Women With Gestational Diabetes Mellitus Differ With Fetal Sex. <i>Diabetes Care</i> , 2011, 34, 2581-2585.	4.3	40

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109	Hormonal and Metabolic Factors Associated With Variations in Insulin Sensitivity in Human Pregnancy. <i>Diabetes Care</i> , 2010, 33, 356-360.	4.3	74
110	Illicit drug use in late pregnancy associated with stillbirth and eclampsia. <i>Obstetric Medicine</i> , 2010, 3, 113-114.	0.5	5
111	Associations of excess weight gain during pregnancy with long-term maternal overweight and obesity: evidence from 21 y postpartum follow-up. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1336-1341.	2.2	258
112	Prevention of Gestational Diabetes. <i>Diabetes Care</i> , 2010, 33, 1457-1459.	4.3	120
113	Barriers to addressing overweight and obesity before conception. <i>Medical Journal of Australia</i> , 2009, 191, 425-428.	0.8	40
114	Obesity and the Hypertensive Disorders of Pregnancy. <i>Hypertension in Pregnancy</i> , 2009, 28, 473-493.	0.5	24
115	Folic Acid Supplementation and Spontaneous Preterm Birth: Adding Grist to the Mill?. <i>PLoS Medicine</i> , 2009, 6, e1000077.	3.9	20
116	Common symptoms during pregnancy to predict depression and health status 14 years post partum. <i>International Journal of Gynecology and Obstetrics</i> , 2009, 104, 214-217.	1.0	9
117	Associations of Gestational Weight Gain With Offspring Body Mass Index and Blood Pressure at 21 Years of Age. <i>Circulation</i> , 2009, 119, 1720-1727.	1.6	267
118	Using a structured clinical coaching program to improve clinical skills training and assessment, as well as teachers' and students' satisfaction. <i>Medical Teacher</i> , 2009, 31, e586-e595.	1.0	18
119	Hypertensive disorders of pregnancy and long-term prognosis. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, e20.	0.7	2
120	The Association of Hypertensive Disorders of Pregnancy with Weight Gain over the Subsequent 21 Years: Findings from a Prospective Cohort Study. <i>American Journal of Epidemiology</i> , 2007, 166, 421-428.	1.6	39
121	Diabetes mellitus in the 21 years after a pregnancy that was complicated by hypertension: findings from a prospective cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, 492.e1-492.e7.	0.7	61
122	The prevalence and impact of overweight and obesity in an Australian obstetric population. <i>Medical Journal of Australia</i> , 2006, 184, 56-59.	0.8	536
123	Pregnancy outcomes in women of very advanced maternal age. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2005, 45, 12-16.	0.4	83