

Caroline A Crowther

List of Publications by Year in descending order

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113
papers

8,797
citations

101535
36
h-index

45310
90
g-index

125
all docs

125
docs citations

125
times ranked

7354
citing authors

#	ARTICLE	IF	CITATIONS
1	Antenatal magnesium sulfate to prevent cerebral palsy. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 225-227.	2.8	4
2	Sex-Specific Effects of Nutritional Supplements for Infants Born Early or Small: An Individual Participant Data Meta-Analysis (ESSENCE IPD-MA) – Cognitive Function and Metabolic Risk. Nutrients, 2022, 14, 418.	4.1	4
3	Pregnant women's views on the acceptability, enablers, and barriers of participation in a randomized controlled trial of maternal posture for fetal malposition in labor. European Journal of Midwifery, 2022, 6, 1-9.	1.1	0
4	Sex-Specific Effects of Nutritional Supplements for Infants Born Early or Small: An Individual Participant Data Meta-Analysis (ESSENCE IPD-MA) II: Growth. Nutrients, 2022, 14, 392.	4.1	0
5	Maternal and infant morbidity following administration of repeat dexamethasone or betamethasone prior to preterm birth: A secondary analysis of the ASTEROID Trial. PLoS ONE, 2022, 17, e0263927.	2.5	2
6	Adherence to Clinical Practice Guideline Recommendations in Women with Gestational Diabetes and Associations with Maternal and Infant Health – A Cohort Study. Nutrients, 2022, 14, 1274.	4.1	5
7	Prophylactic Oral Dextrose Gel and Neurosensory Impairment at 2-Year Follow-up of Participants in the hPOD Randomized Trial. JAMA - Journal of the American Medical Association, 2022, 327, 1149.	7.4	11
8	Effect of antenatal magnesium sulphate on MRI biomarkers of white matter development at term equivalent age: The MagNUM Study. EBioMedicine, 2022, 78, 103923.	6.1	4
9	Repeat doses of prenatal corticosteroids for women at risk of preterm birth for improving neonatal health outcomes. The Cochrane Library, 2022, 2022, CD003935.	2.8	7
10	Neonatal Refeeding Syndrome and Clinical Outcome in Extremely Low-Birth-Weight Babies: Secondary Cohort Analysis From the ProVIDe Trial. Journal of Parenteral and Enteral Nutrition, 2021, 45, 65-78.	2.6	25
11	Evaluation of oral dextrose gel for prevention of neonatal hypoglycemia (hPOD): A multicenter, double-blind randomized controlled trial. PLoS Medicine, 2021, 18, e1003411.	8.4	33
12	Short-Term Effects of Dexamethasone versus Betamethasone on Ultrasonic Measures of Fetal Well-Being: Cohort from a Blinded, Randomized Trial. Fetal Diagnosis and Therapy, 2021, 48, 526-540.	1.4	1
13	Maternal and neonatal glycaemic control after antenatal corticosteroid administration in women with diabetes in pregnancy: A retrospective cohort study. PLoS ONE, 2021, 16, e0246175.	2.5	12
14	Evaluating Progestogens for Preventing Preterm birth International Collaborative (EPPPIC): meta-analysis of individual participant data from randomised controlled trials. Lancet, The, 2021, 397, 1183-1194.	13.7	110
15	Dietary recommendations for women with gestational diabetes mellitus: a systematic review of clinical practice guidelines. Nutrition Reviews, 2021, 79, 988-1021.	5.8	16
16	Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. The Cochrane Library, 2021, 2021, CD012152.	2.8	23
17	Sociodemographic Factors Associated with Adherence to Dietary Guidelines in Women with Gestational Diabetes: A Cohort Study. Nutrients, 2021, 13, 1884.	4.1	6
18	Effect of Prophylactic Dextrose Gel on Continuous Measures of Neonatal Glycemia: Secondary Analysis of the Pre-hPOD Trial. Journal of Pediatrics, 2021, 235, 107-115.e4.	1.8	5

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19	How can obstetricians improve outcomes for infants born extremely preterm?. Seminars in Perinatology, 2021, 45, 151477.	2.5	4
20	Antenatal corticosteroids, maternal body mass index and infant morbidity within the ASTEROID trial. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2021, 61, 380-385.	1.0	1
21	Antenatal magnesium sulphate for preventing cerebral palsy: An economic evaluation of the impact of a quality improvement program. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2021, , .	1.0	0
22	Survey on use of antenatal magnesium sulphate for fetal neuroprotection prior to preterm birth in Australia and New Zealand – Ongoing barriers and enablers. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2020, 60, 44-48.	1.0	9
23	Plasma ammonia concentrations in extremely low birthweight infants in the first week after birth: secondary analysis from the ProVIDe randomized clinical trial. Pediatric Research, 2020, 88, 250-256.	2.3	8
24	Maternal dexamethasone before preterm births: implications for lower middle-income countries – Authors' reply. The Lancet Child and Adolescent Health, 2020, 4, e2.	5.6	0
25	The relationship between maternal dietary patterns during pregnancy in women with gestational diabetes mellitus and infant appetitive feeding behaviour at 6 months. Scientific Reports, 2020, 10, 20516.	3.3	3
26	Sex-specific effects of nutritional supplements in infants born early or small: protocol for an individual participant data meta-analysis (ESSENCE IPD-MA). BMJ Open, 2020, 10, e033438.	1.9	7
27	Lower versus higher diagnostic criteria for the detection of gestational diabetes for reducing maternal and perinatal morbidity: study protocol for the GEMS randomised trial. BMC Pregnancy and Childbirth, 2020, 20, 547.	2.4	5
28	Linking data from a large clinical trial with the Australian Cerebral Palsy Register. Developmental Medicine and Child Neurology, 2020, 62, 1170-1175.	2.1	2
29	Impact of macronutrient supplements on later growth of children born preterm or small for gestational age: A systematic review and meta-analysis of randomised and quasirandomised controlled trials. PLoS Medicine, 2020, 17, e1003122.	8.4	11
30	Relationships between Neonatal Nutrition and Growth to 36 Weeks – Corrected Age in ELBW Babies – Secondary Cohort Analysis from the Provide Trial. Nutrients, 2020, 12, 760.	4.1	28
31	A core outcome set for studies of gestational diabetes mellitus prevention and treatment. Diabetologia, 2020, 63, 1120-1127.	6.3	41
32	Patterns of antenatal corticosteroid administration in a cohort of women with diabetes in pregnancy. PLoS ONE, 2020, 15, e0229014.	2.5	1
33	Follow-up at 1 year and beyond of women with gestational diabetes treated with insulin and/or oral glucose-lowering agents: a core outcome set using a Delphi survey. Diabetologia, 2019, 62, 2007-2016.	6.3	19
34	Macronutrient Supplements in Preterm and Small-for-Gestational-Age Animals: A Systematic Review and Meta-analysis. Scientific Reports, 2019, 9, 14715.	3.3	1
35	Impact of macronutrient supplements for children born preterm or small for gestational age on developmental and metabolic outcomes: A systematic review and meta-analysis. PLoS Medicine, 2019, 16, e1002952.	8.4	9
36	Association of Fetal Growth Restriction With Neurocognitive Function After Repeated Antenatal Betamethasone Treatment vs Placebo. JAMA Network Open, 2019, 2, e187636.	5.9	15

#	ARTICLE	IF	CITATIONS
37	Effects of repeat prenatal corticosteroids given to women at risk of preterm birth: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002771.	8.4	56
38	Gestational diabetes prevention and treatment: a protocol for developing core outcome sets. BMJ Open, 2019, 9, e030574.	1.9	6
39	Maternal intramuscular dexamethasone versus betamethasone before preterm birth (ASTEROID): a multicentre, double-blind, randomised controlled trial. The Lancet Child and Adolescent Health, 2019, 3, 769-780.	5.6	47
40	Antenatal magnesium sulphate and adverse neonatal outcomes: A systematic review and meta-analysis. PLoS Medicine, 2019, 16, e1002988.	8.4	46
41	Reported adherence to current antenatal corticosteroid guidelines in Australia and New Zealand. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2019, 59, 416-421.	1.0	6
42	Enablers and barriers for women with gestational diabetes mellitus to achieve optimal glycaemic control – a qualitative study using the theoretical domains framework. BMC Pregnancy and Childbirth, 2018, 18, 91.	2.4	56
43	Tight or less tight glycaemic targets for women with gestational diabetes mellitus for reducing maternal and perinatal morbidity? (TARGET): study protocol for a stepped wedge randomised trial. BMC Pregnancy and Childbirth, 2018, 18, 425.	2.4	24
44	Repeat Antenatal Betamethasone and Cardiometabolic Outcomes. Pediatrics, 2018, 142, .	2.1	9
45	Oral anti-diabetic pharmacological therapies for the treatment of women with gestational diabetes. The Cochrane Library, 2017, 2017, CD011967.	2.8	48
46	Dietetic management of gestational diabetes in New Zealand: A cross-sectional survey. Nutrition and Dietetics, 2017, 74, 95-104.	1.8	9
47	Different types of dietary advice for women with gestational diabetes mellitus. The Cochrane Library, 2017, 2017, CD009275.	2.8	74
48	Mid-Childhood Bone Mass After Exposure to Repeat Doses of Antenatal Glucocorticoids: A Randomized Trial. Pediatrics, 2017, 139, .	2.1	16
49	Lifestyle interventions for the treatment of women with gestational diabetes. The Cochrane Library, 2017, 2017, CD011970.	2.8	132
50	Investigating antenatal corticosteroid clinical guideline practice at an organisational level. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2017, 57, 25-32.	1.0	5
51	Combined diet and exercise interventions for preventing gestational diabetes mellitus. The Cochrane Library, 2017, 2017, CD010443.	2.8	129
52	Views and Experiences of New Zealand Women with Gestational Diabetes in Achieving Glycaemic Control Targets: The Views Study. Journal of Diabetes Research, 2017, 2017, 1-9.	2.3	14
53	Assessing the neuroprotective benefits for babies of antenatal magnesium sulphate: An individual participant data meta-analysis. PLoS Medicine, 2017, 14, e1002398.	8.4	142
54	Vaginal progesterone pessaries for pregnant women with a previous preterm birth to prevent neonatal respiratory distress syndrome (the PROGRESS Study): A multicentre, randomised, placebo-controlled trial. PLoS Medicine, 2017, 14, e1002390.	8.4	55

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55	The effect of antenatal dietary and lifestyle advice for women who are overweight or obese on emotional well-being: the <scp>LIMIT</scp> randomized trial. Acta Obstetrica Et Gynecologica Scandinavica, 2016, 95, 309-318.	2.8	28
56	Assessing use of a printed lifestyle intervention tool by women with borderline gestational diabetes and their achievement of diet and exercise goals: a descriptive study. BMC Pregnancy and Childbirth, 2016, 16, 44.	2.4	2
57	Antenatal Glucocorticoids for Late Preterm Birth?. New England Journal of Medicine, 2016, 374, 1376-1377.	27.0	15
58	Mid-Childhood Outcomes of Repeat Antenatal Corticosteroids: A Randomized Controlled Trial. Pediatrics, 2016, 138, .	2.1	45
59	Progressing towards standard outcomes in gestational diabetes Cochrane reviews and randomised trials. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2016, 56, 113-116.	1.0	15
60	Immediate delivery compared with expectant management after preterm pre-labour rupture of the membranes close to term (PPROMT trial): a randomised controlled trial. Lancet, The, 2016, 387, 444-452.	13.7	189
61	Randomised trial of neonatal hypoglycaemia prevention with oral dextrose gel (hPOD): study protocol. BMC Pediatrics, 2015, 15, 120.	1.7	29
62	Repeat doses of prenatal corticosteroids for women at risk of preterm birth for improving neonatal health outcomes. The Cochrane Library, 2015, , CD003935.	2.8	155
63	Different treatment regimens of magnesium sulphate for tocolysis in women in preterm labour. The Cochrane Library, 2015, 2015, CD011200.	2.8	19
64	Women's Views on Their Diagnosis and Management for Borderline Gestational Diabetes Mellitus. Journal of Diabetes Research, 2015, 2015, 1-9.	2.3	22
65	Barriers and enablers to implementing antenatal magnesium sulphate for fetal neuroprotection guidelines: a study using the theoretical domains framework. BMC Pregnancy and Childbirth, 2015, 15, 176.	2.4	22
66	Cardiovascular Risk Factors in Children After Repeat Doses of Antenatal Glucocorticoids: An RCT. Pediatrics, 2015, 135, e405-e415.	2.1	49
67	The ProVIDe study: the impact of protein intravenous nutrition on development in extremely low birthweight babies. BMC Pediatrics, 2015, 15, 100.	1.7	20
68	The effects of antenatal dietary and lifestyle advice for women who are overweight or obese on neonatal health outcomes: the LIMIT randomised trial. BMC Medicine, 2014, 12, 163.	5.5	69
69	Antenatal lifestyle advice for women who are overweight or obese: LIMIT randomised trial. BMJ, The, 2014, 348, g1285-g1285.	6.0	389
70	The effects of antenatal dietary and lifestyle advice for women who are overweight or obese on maternal diet and physical activity: the LIMIT randomised trial. BMC Medicine, 2014, 12, 161.	5.5	135
71	Magnesium sulphate for preventing preterm birth in threatened preterm labour. The Cochrane Library, 2014, 2014, CD001060.	2.8	103
72	Prenatal administration of progesterone for preventing preterm birth in women considered to be at risk of preterm birth. The Cochrane Library, 2013, , CD004947.	2.8	176

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73	Australasian randomised trial to evaluate the role of maternal intramuscular dexamethasone versus betamethasone prior to preterm birth to increase survival free of childhood neurosensory disability (A*STEROID): study protocol. BMC Pregnancy and Childbirth, 2013, 13, 104.	2.4	34
74	Magnesium sulphate at 30 to 34 weeks gestational age: neuroprotection trial (MAGENTA) - study protocol. BMC Pregnancy and Childbirth, 2013, 13, 91.	2.4	33
75	Different corticosteroids and regimens for accelerating fetal lung maturation for women at risk of preterm birth. The Cochrane Library, 2013, , CD006764.	2.8	150
76	Maternal adverse effects of different antenatal magnesium sulphate regimens for improving maternal and infant outcomes: a systematic review. BMC Pregnancy and Childbirth, 2013, 13, 195.	2.4	51
77	Working to improve survival and health for babies born very preterm: the WISH project protocol. BMC Pregnancy and Childbirth, 2013, 13, 239.	2.4	19
78	Different types of dietary advice for women with gestational diabetes mellitus. , 2013, , CD009275.		47
79	Implementation of a clinical practice guideline for antenatal magnesium sulphate for neuroprotection in <sc>A</sc>ustralia and <sc>N</sc>ew <sc>Z</sc>ealand. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2013, 53, 86-89.	1.0	8
80	Planned Vaginal Birth or Elective Repeat Caesarean: Patient Preference Restricted Cohort with Nested Randomised Trial. PLoS Medicine, 2012, 9, e1001192.	8.4	113
81	The IDEAL study: investigation of dietary advice and lifestyle for women with borderline gestational diabetes: a randomised controlled trial - study protocol. BMC Pregnancy and Childbirth, 2012, 12, 106.	2.4	15
82	Interventions for pregnant women with hyperglycaemia not meeting gestational diabetes and type 2 diabetes diagnostic criteria. The Cochrane Library, 2012, 2012, CD009037.	2.8	27
83	Repeat prenatal corticosteroid prior to preterm birth: a systematic review and individual participant data meta-analysis for the PRECISE study group (prenatal repeat corticosteroid international IPD) Tj ETQq1 1 0.784314 rgBT /Overlock 17 Reviews. 2012, 1, 12.	5.3	17
84	Repeat doses of prenatal corticosteroids for women at risk of preterm birth for improving neonatal health outcomes. , 2011, , CD003935.		123
85	Caesarean delivery for the second twin. The Cochrane Library, 2011, 2011, CD000047.	2.8	2
86	Limiting weight gain in overweight and obese women during pregnancy to improve health outcomes: the LIMIT randomised controlled trial. BMC Pregnancy and Childbirth, 2011, 11, 79.	2.4	83
87	Vitamin K prior to preterm birth for preventing neonatal periventricular haemorrhage. The Cochrane Library, 2010, , CD000229.	2.8	28
88	Preconception care for diabetic women for improving maternal and infant health. , 2010, , CD007776.		19
89	Hospitalisation and bed rest for multiple pregnancy. The Cochrane Library, 2010, , CD000110.	2.8	41
90	Phenobarbital prior to preterm birth for preventing neonatal periventricular haemorrhage. The Cochrane Library, 2010, , CD000164.	2.8	18

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91	Progesterone after previous preterm birth for prevention of neonatal respiratory distress syndrome (PROGRESS): a randomised controlled trial. BMC Pregnancy and Childbirth, 2009, 9, 6.	2.4	19
92	Magnesium sulphate for women at risk of preterm birth for neuroprotection of the fetus. The Cochrane Library, 2009, , CD004661.	2.8	380
93	Borderline gestational diabetes mellitus and pregnancy outcomes. BMC Pregnancy and Childbirth, 2008, 8, 31.	2.4	73
94	Use of antenatal corticosteroids prior to preterm birth in four South East Asian countries within the SEA-ORCHID project. BMC Pregnancy and Childbirth, 2008, 8, 47.	2.4	40
95	Outcomes at 2 Years of Age after Repeat Doses of Antenatal Corticosteroids. New England Journal of Medicine, 2007, 357, 1179-1189.	27.0	257
96	Screening for gestational diabetes: The effect of varying blood glucose definitions in the prediction of adverse maternal and infant health outcomes. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2007, 47, 307-312.	1.0	103
97	Costs and consequences of treatment for mild gestational diabetes mellitus – evaluation from the ACHOIS randomised trial. BMC Pregnancy and Childbirth, 2007, 7, 27.	2.4	83
98	Neonatal respiratory distress syndrome after repeat exposure to antenatal corticosteroids: a randomised controlled trial. Lancet, The, 2006, 367, 1913-1919.	13.7	281
99	Intrapartum interventions for preventing shoulder dystocia. The Cochrane Library, 2006, , CD005543.	2.8	16
100	Vitamins C and E and the Risks of Preeclampsia and Perinatal Complications. New England Journal of Medicine, 2006, 354, 1796-1806.	27.0	411
101	Effect of Treatment of Gestational Diabetes Mellitus on Pregnancy Outcomes. New England Journal of Medicine, 2005, 352, 2477-2486.	27.0	2,741
102	Progesterone supplementation for preventing preterm birth: a systematic review and meta-analysis. Acta Obstetrica Et Gynecologica Scandinavica, 2005, 84, 526-533.	2.8	21
103	Effect of Magnesium Sulfate Given for Neuroprotection Before Preterm Birth^A Randomized Controlled Trial^A. JAMA - Journal of the American Medical Association, 2003, 290, 2669.	7.4	555
104	Prenatal phenobarbital before very-preterm birth and neurodevelopmental outcome. Lancet, The, 2002, 360, 1529-1530.	13.7	3
105	Guideline use for gestational diabetes mellitus and current screening, diagnostic and management practices in Australian hospitals. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2001, 41, 86-90.	1.0	32
106	Patterns of medication use during and prior to pregnancy: the M A P study. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2000, 40, 165-172.	1.0	67
107	Sources of advice on medication use in pregnancy and reasons for medication uptake and cessation during pregnancy. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2000, 40, 173-175.	1.0	9
108	Universal antenatal group B streptococcus screening? The opinions of obstetricians and neonatologists within Australia. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2000, 40, 338-340.	1.0	9

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109	Universal periconceptional folate supplementation: chasing a dream?. Medical Journal of Australia, 2000, 172, 407-408.	1.7	8
110	Knee-Chest Postural Management for Breech at Term: A Randomized Controlled Trial. Birth, 1999, 26, 71-75.	2.2	15
111	Does the Option to Ambulate During Spontaneous Labour Confer Any Advantage or Disadvantage?. Journal of Maternal-Fetal and Neonatal Medicine, 1994, 3, 43-48.	1.5	16
112	Postnatal Depression: A South Australian Prospective Survey. Australian and New Zealand Journal of Obstetrics and Gynaecology, 1994, 34, 164-167.	1.0	31
113	Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. The Cochrane Library, 0, , .	2.8	8