

# Jane Alsweiler

## List of Publications by Year in descending order

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76  
papers

2,173  
citations

318942

23  
h-index

286692

43  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of prophylactic dextrose gel on the neonatal gut microbiome. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 501-507.	1.4	3
2	Associations between neonatal hypoglycaemia and brain volumes, cortical thickness and white matter microstructure in mid-childhood: An MRI study. NeuroImage: Clinical, 2022, 33, 102943.	1.4	11
3	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.	3.8	11
4	Nutritional Management of Moderate- and Late-Preterm Infants Commenced on Intravenous Fluids Pending Mother's Own Milk: Cohort Analysis From the DIAMOND Trial. Frontiers in Pediatrics, 2022, 10, 817331.	0.9	1
5	Glucagon for Neonatal Hypoglycaemia: Systematic Review and Meta-Analysis. Neonatology, 2022, 119, 285-294.	0.9	7
6	Association of Neonatal Hypoglycemia With Academic Performance in Mid-Childhood. JAMA - Journal of the American Medical Association, 2022, 327, 1158.	3.8	32
7	Effect of antenatal magnesium sulphate on MRI biomarkers of white matter development at term equivalent age: The MagNUM Study. EBioMedicine, 2022, 78, 103923.	2.7	4
8	Different approaches to requesting consent for routine data linkage in neonatal follow-up (ACORN): protocol for a 2x2 factorial randomised trial. BMJ Open, 2022, 12, e060476.	0.8	0
9	Effects of preterm birth induced with or without exogenous glucocorticoids on the ovine glucose-insulin axis. Journal of Developmental Origins of Health and Disease, 2021, 12, 58-70.	0.7	2
10	Two-year outcomes after dextrose gel prophylaxis for neonatal hypoglycaemia. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2021, 106, 278-285.	1.4	16
11	Do preterm girls need different nutrition to preterm boys? Sex-specific nutrition for the preterm infant. Pediatric Research, 2021, 89, 313-317.	1.1	15
12	Prolonged transitional neonatal hypoglycaemia: characterisation of a clinical syndrome. Journal of Perinatology, 2021, 41, 1149-1157.	0.9	9
13	Preterm human milk: associations between perinatal factors and hormone concentrations throughout lactation. Pediatric Research, 2021, 89, 1461-1469.	1.1	9
14	Evaluation of oral dextrose gel for prevention of neonatal hypoglycemia (hPOD): A multicenter, double-blind randomized controlled trial. PLoS Medicine, 2021, 18, e1003411.	3.9	33
15	The contributions of intelligence and executive function to behaviour problems in school-age children born very preterm. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 1827-1834.	0.7	6
16	A better taxonomy for neonatal hypoglycemia is needed. Journal of Perinatology, 2021, 41, 1205-1206.	0.9	4
17	Strategies to improve neurodevelopmental outcomes in babies at risk of neonatal hypoglycaemia. The Lancet Child and Adolescent Health, 2021, 5, 513-523.	2.7	13
18	Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. The Cochrane Library, 2021, 2021, CD012152.	1.5	23

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19	Effect of Prophylactic Dextrose Gel on Continuous Measures of Neonatal Glycemia: Secondary Analysis of the Pre-hPOD Trial. <i>Journal of Pediatrics</i> , 2021, 235, 107-115.e4.	0.9	5
20	Topical corticosteroid wet wrap treatment and adrenal suppression: An Auckland perspective. <i>JAAD International</i> , 2021, 5, 66-68.	1.1	0
21	Adherence to neonatal hypoglycaemia guidelines: A retrospective cohort study. <i>Journal of Paediatrics and Child Health</i> , 2020, 56, 148-154.	0.4	4
22	Relationships Between Early Neonatal Nutrition and Neurodevelopment at School Age in Children Born Very Preterm. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 72-78.	0.9	14
23	Sex-specific relationships between early nutrition and neurodevelopment in preterm infants. <i>Pediatric Research</i> , 2020, 87, 872-878.	1.1	17
24	(Rad 8)Caffeine prophylaxis to improve intermittent hypoxaemia in infants born late preterm: a randomised controlled dosage trial (Latte Dosage Trial). <i>BMJ Open</i> , 2020, 10, e038271.	0.8	4
25	Effects of Neonatal Hyperglycemia on Retinopathy of Prematurity and Visual Outcomes at 7 Years of Age: A Matched Cohort Study. <i>Journal of Pediatrics</i> , 2020, 223, 42-50.e2.	0.9	3
26	Interventions to prevent women from developing gestational diabetes mellitus: an overview of Cochrane Reviews. <i>The Cochrane Library</i> , 2020, 2020, CD012394.	1.5	64
27	Relationships between intelligence, executive function and academic achievement in children born very preterm. <i>Early Human Development</i> , 2020, 148, 105122.	0.8	9
28	Probiotics for Prevention of Severe Necrotizing Enterocolitis: Experience of New Zealand Neonatal Intensive Care Units. <i>Frontiers in Pediatrics</i> , 2020, 8, 119.	0.9	21
29	Profiles of neurobehavior and their associations with brain abnormalities on MRI in infants born preterm. <i>Early Human Development</i> , 2020, 145, 105041.	0.8	2
30	Maternal glycemic control in diabetic pregnancies and neurodevelopmental outcomes in preschool aged children. A prospective cohort study. <i>Early Human Development</i> , 2019, 130, 101-108.	0.8	2
31	Factors influencing glycaemic stability after neonatal hypoglycaemia and relationship to neurodevelopmental outcome. <i>Scientific Reports</i> , 2019, 9, 8132.	1.6	17
32	Feasibility study assessing equitable delivery of newborn pulse oximetry screening in New Zealand's midwifery-led maternity setting. <i>BMJ Open</i> , 2019, 9, e030506.	0.8	2
33	Maternal intramuscular dexamethasone versus betamethasone before preterm birth (ASTEROID): a multicentre, double-blind, randomised controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 769-780.	2.7	47
34	Oral dextrose gel to treat neonatal hypoglycaemia: Clinician survey. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 844-850.	0.4	8
35	Relationship between BMI and adiposity among different ethnic groups in 2-year-old New Zealand children. <i>British Journal of Nutrition</i> , 2019, 121, 670-677.	1.2	8
36	Early-Stage Translational Research in Perinatal Medicine. <i>Neonatology</i> , 2019, 115, 182-188.	0.9	1

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37	Intermittent Hypoxemia in Infants Born Late Preterm: A Prospective Cohort Observational Study. <i>Journal of Pediatrics</i> , 2019, 204, 89-95.e1.	0.9	14
38	Relationships Between Early Nutrition and Blood Glucose Concentrations in Very Preterm Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, 960-966.	0.9	17
39	Cost Analysis of Treating Neonatal Hypoglycemia with Dextrose Gel. <i>Journal of Pediatrics</i> , 2018, 198, 151-155.e1.	0.9	29
40	The effects of preterm birth on visual development. <i>Australasian journal of optometry, The</i> , 2018, 101, 4-12.	0.6	67
41	Long-Term Outcomes of Hyperglycemic Preterm Infants Randomized to Tight Glycemic Control. <i>Journal of Pediatrics</i> , 2018, 193, 68-75.e1.	0.9	22
42	Presence and pattern of scarring in children born very preterm. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F277-F279.	1.4	9
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. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 425.	0.9	24
44	Treatments for women with gestational diabetes mellitus: an overview of Cochrane systematic reviews. <i>The Cochrane Library</i> , 2018, 2018, CD012327.	1.5	65
45	The DIAMOND trial â€“ Different Approaches to MOderate & late preterm Nutrition: Determinants of feed tolerance, body composition and development: protocol of a randomised trial. <i>BMC Pediatrics</i> , 2018, 18, 220.	0.7	25
46	Computer-determined dosage of insulin in the management of neonatal hyperglycaemia (HINT2): protocol of a randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e012982.	0.8	5
47	Advances in nutrition of the newborn infant. <i>Lancet, The</i> , 2017, 389, 1660-1668.	6.3	116
48	An emerging evidence base for the management of neonatal hypoglycaemia. <i>Early Human Development</i> , 2017, 104, 51-56.	0.8	81
49	Association of Neonatal Glycemia With Neurodevelopmental Outcomes at 4.5 Years. <i>JAMA Pediatrics</i> , 2017, 171, 972.	3.3	260
50	Relationship between Measures of Neonatal Glycemia, Neonatal Illness, and 2-Year Outcomes in Very Preterm Infants. <i>Journal of Pediatrics</i> , 2017, 188, 115-121.	0.9	35
51	Bayleyâ€“ motor scale and neurological examination at 2 years do not predict motor skills at 4.5 years. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 216-223.	1.1	25
52	Insulin kinetics and the Neonatal Intensive Care Insulinâ€“Nutritionâ€“Glucose (NICING) model. <i>Mathematical Biosciences</i> , 2017, 284, 61-70.	0.9	6
53	Continuous glucose monitoring in neonates: a review. <i>Maternal Health, Neonatology and Perinatology</i> , 2017, 3, 18.	1.0	49
54	Midwife or doctor local opinion leader to implement a national guideline in babies on postnatal wards (DesIGN): protocol of a cluster-randomised, blinded, controlled trial. <i>BMJ Open</i> , 2017, 7, e017516.	0.8	1

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55	Prophylactic Oral Dextrose Gel for Newborn Babies at Risk of Neonatal Hypoglycaemia: A Randomised Controlled Dose-Finding Trial (the Pre-hPOD Study). <i>PLoS Medicine</i> , 2016, 13, e1002155.	3.9	72
56	Pre-school screening for developmental and emotional health: Comparison with neurodevelopmental assessment. <i>Journal of Paediatrics and Child Health</i> , 2016, 52, 600-607.	0.4	11
57	Treatments for women with gestational diabetes mellitus: an overview of Cochrane systematic reviews. <i>The Cochrane Library</i> , 2016, , .	1.5	30
58	Dietary supplementation with myo-inositol in women during pregnancy for treating gestational diabetes. <i>The Cochrane Library</i> , 2016, 2016, CD012048.	1.5	36
59	Determining insulin sensitivity from glucose tolerance tests in sheep <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 3711-3721.	0.2	3
60	Different intensities of glycaemic control for women with gestational diabetes mellitus. <i>The Cochrane Library</i> , 2016, 2016, CD011624.	1.5	26
61	A C-Peptide-Based Model of Pancreatic Insulin Secretion in Extremely Preterm Neonates in Intensive Care. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 111-118.	1.3	10
62	Outcome at 2 Years after Dextrose Gel Treatment for Neonatal Hypoglycemia: Follow-Up of a Randomized Trial. <i>Journal of Pediatrics</i> , 2016, 170, 54-59.e2.	0.9	90
63	Randomised trial of neonatal hypoglycaemia prevention with oral dextrose gel (hPOD): study protocol. <i>BMC Pediatrics</i> , 2015, 15, 120.	0.7	29
64	Antenatal dietary supplementation with myo-inositol in women during pregnancy for preventing gestational diabetes. <i>The Cochrane Library</i> , 2015, 2015, CD011507.	1.5	59
65	Accuracy of caregivers' recall of hospital admissions: implications for research. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 1199-1204.	0.7	1
66	Neonatal Glycemia and Neurodevelopmental Outcomes at 2 Years. <i>New England Journal of Medicine</i> , 2015, 373, 1507-1518.	13.9	275
67	Glucocorticoid-Induced Preterm Birth and Neonatal Hyperglycemia Alter Ovine $\beta$ -Cell Development. <i>Endocrinology</i> , 2015, 156, 3763-3776.	1.4	26
68	Hyperglycaemic Preterm Babies Have Sex Differences in Insulin Secretion. <i>Neonatology</i> , 2015, 108, 93-98.	0.9	18
69	Brain mass estimation by head circumference and body mass methods in neonatal glycaemic modelling and control. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 115, 47-54.	2.6	6
70	Gender and glycaemia: Insulin sensitivity and secretion in premature neonates. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 10168-10173.	0.4	1
71	Optimum feeding and growth in preterm neonates. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 215-222.	0.7	8
72	Neonatal Hyperglycaemia Increases Mortality and Morbidity in Preterm Lambs. <i>Neonatology</i> , 2013, 103, 83-90.	0.9	25

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73	Tight Glycemic Control With Insulin in Hyperglycemic Preterm Babies: A Randomized Controlled Trial. Pediatrics, 2012, 129, 639-647.	1.0	94
74	Survey of the management of neonatal hyperglycaemia in Australasia. Journal of Paediatrics and Child Health, 2007, 43, 632-635.	0.4	49
75	Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. The Cochrane Library, 0, , .	1.5	8
76	Prioritising long-term outcomes for preterm babies: A survey of consumers and clinicians. Journal of Paediatrics and Child Health, 0, , .	0.4	0