

# Jane Alsweiler

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

2,173  
citations

279798

23  
h-index

254184

43  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal Glycemia and Neurodevelopmental Outcomes at 2 Years. <i>New England Journal of Medicine</i> , 2015, 373, 1507-1518.	27.0	275
2	Association of Neonatal Glycemia With Neurodevelopmental Outcomes at 4.5 Years. <i>JAMA Pediatrics</i> , 2017, 171, 972.	6.2	260
3	Advances in nutrition of the newborn infant. <i>Lancet, The</i> , 2017, 389, 1660-1668.	13.7	116
4	Tight Glycemic Control With Insulin in Hyperglycemic Preterm Babies: A Randomized Controlled Trial. <i>Pediatrics</i> , 2012, 129, 639-647.	2.1	94
5	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.	1.8	90
6	An emerging evidence base for the management of neonatal hypoglycaemia. <i>Early Human Development</i> , 2017, 104, 51-56.	1.8	81
7	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.	8.4	72
8	The effects of preterm birth on visual development. <i>Australasian journal of optometry, The</i> , 2018, 101, 4-12.	1.3	67
9	Treatments for women with gestational diabetes mellitus: an overview of Cochrane systematic reviews. <i>The Cochrane Library</i> , 2018, 2018, CD012327.	2.8	65
10	Interventions to prevent women from developing gestational diabetes mellitus: an overview of Cochrane Reviews. <i>The Cochrane Library</i> , 2020, 2020, CD012394.	2.8	64
11	Antenatal dietary supplementation with myo-inositol in women during pregnancy for preventing gestational diabetes. <i>The Cochrane Library</i> , 2015, 2015, CD011507.	2.8	59
12	Survey of the management of neonatal hyperglycaemia in Australasia. <i>Journal of Paediatrics and Child Health</i> , 2007, 43, 632-635.	0.8	49
13	Continuous glucose monitoring in neonates: a review. <i>Maternal Health, Neonatology and Perinatology</i> , 2017, 3, 18.	2.2	49
14	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.	5.6	47
15	Dietary supplementation with myo-inositol in women during pregnancy for treating gestational diabetes. <i>The Cochrane Library</i> , 2016, 2016, CD012048.	2.8	36
16	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.	1.8	35
17	Evaluation of oral dextrose gel for prevention of neonatal hypoglycemia (hPOD): A multicenter, double-blind randomized controlled trial. <i>PLoS Medicine</i> , 2021, 18, e1003411.	8.4	33
18	Association of Neonatal Hypoglycemia With Academic Performance in Mid-Childhood. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1158.	7.4	32

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19	Treatments for women with gestational diabetes mellitus: an overview of Cochrane systematic reviews. The Cochrane Library, 2016, , .	2.8	30
20	Randomised trial of neonatal hypoglycaemia prevention with oral dextrose gel (hPOD): study protocol. BMC Pediatrics, 2015, 15, 120.	1.7	29
21	Cost Analysis of Treating Neonatal Hypoglycemia with Dextrose Gel. Journal of Pediatrics, 2018, 198, 151-155.e1.	1.8	29
22	Glucocorticoid-Induced Preterm Birth and Neonatal Hyperglycemia Alter Ovine Î²-Cell Development. Endocrinology, 2015, 156, 3763-3776.	2.8	26
23	Different intensities of glycaemic control for women with gestational diabetes mellitus. The Cochrane Library, 2016, 2016, CD011624.	2.8	26
24	Neonatal Hyperglycaemia Increases Mortality and Morbidity in Preterm Lambs. Neonatology, 2013, 103, 83-90.	2.0	25
25	Bayleyâ€œ<sc>III</sc> motor scale and neurological examination at 2 years do not predict motor skills at 4.5 years. Developmental Medicine and Child Neurology, 2017, 59, 216-223.	2.1	25
26	The DIAMOND trial â€œ Different Approaches to MOderate & late preterm Nutrition: Determinants of feed tolerance, body composition and development: protocol of a randomised trial. BMC Pediatrics, 2018, 18, 220.	1.7	25
27	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
28	Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. The Cochrane Library, 2021, 2021, CD012152.	2.8	23
29	Long-Term Outcomes of Hyperglycemic Preterm Infants Randomized to Tight Glycemic Control. Journal of Pediatrics, 2018, 193, 68-75.e1.	1.8	22
30	Probiotics for Prevention of Severe Necrotizing Enterocolitis: Experience of New Zealand Neonatal Intensive Care Units. Frontiers in Pediatrics, 2020, 8, 119.	1.9	21
31	Hyperglycaemic Preterm Babies Have Sex Differences in Insulin Secretion. Neonatology, 2015, 108, 93-98.	2.0	18
32	Relationships Between Early Nutrition and Blood Glucose Concentrations in Very Preterm Infants. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 960-966.	1.8	17
33	Factors influencing glycaemic stability after neonatal hypoglycaemia and relationship to neurodevelopmental outcome. Scientific Reports, 2019, 9, 8132.	3.3	17
34	Sex-specific relationships between early nutrition and neurodevelopment in preterm infants. Pediatric Research, 2020, 87, 872-878.	2.3	17
35	Two-year outcomes after dextrose gel prophylaxis for neonatal hypoglycaemia. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2021, 106, 278-285.	2.8	16
36	Do preterm girls need different nutrition to preterm boys? Sex-specific nutrition for the preterm infant. Pediatric Research, 2021, 89, 313-317.	2.3	15

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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.	1.8	14
38	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.	1.8	14
39	Strategies to improve neurodevelopmental outcomes in babies at risk of neonatal hypoglycaemia. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 513-523.	5.6	13
40	Pre-school screening for developmental and emotional health: Comparison with neurodevelopmental assessment. <i>Journal of Paediatrics and Child Health</i> , 2016, 52, 600-607.	0.8	11
41	Associations between neonatal hypoglycaemia and brain volumes, cortical thickness and white matter microstructure in mid-childhood: An MRI study. <i>NeuroImage: Clinical</i> , 2022, 33, 102943.	2.7	11
42	Prophylactic Oral Dextrose Gel and Neurosensory Impairment at 2-Year Follow-up of Participants in the hPOD Randomized Trial. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1149.	7.4	11
43	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.	2.2	10
44	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.	2.8	9
45	Relationships between intelligence, executive function and academic achievement in children born very preterm. <i>Early Human Development</i> , 2020, 148, 105122.	1.8	9
46	Prolonged transitional neonatal hypoglycaemia: characterisation of a clinical syndrome. <i>Journal of Perinatology</i> , 2021, 41, 1149-1157.	2.0	9
47	Preterm human milk: associations between perinatal factors and hormone concentrations throughout lactation. <i>Pediatric Research</i> , 2021, 89, 1461-1469.	2.3	9
48	Optimum feeding and growth in preterm neonates. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 215-222.	1.4	8
49	Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. <i>The Cochrane Library</i> , 0, , .	2.8	8
50	Oral dextrose gel to treat neonatal hypoglycaemia: Clinician survey. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 844-850.	0.8	8
51	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.	2.3	8
52	Glucagon for Neonatal Hypoglycaemia: Systematic Review and Meta-Analysis. <i>Neonatology</i> , 2022, 119, 285-294.	2.0	7
53	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.	4.7	6
54	Insulin kinetics and the Neonatal Intensive Care Insulinâ€“Nutritionâ€“Glucose (NICING) model. <i>Mathematical Biosciences</i> , 2017, 284, 61-70.	1.9	6

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55	The contributions of intelligence and executive function to behaviour problems in school-age children born very preterm. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1827-1834.	1.5	6
56	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.	1.9	5
57	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.	1.8	5
58	Adherence to neonatal hypoglycaemia guidelines: A retrospective cohort study. <i>Journal of Paediatrics and Child Health</i> , 2020, 56, 148-154.	0.8	4
59	(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.	1.9	4
60	A better taxonomy for neonatal hypoglycemia is needed. <i>Journal of Perinatology</i> , 2021, 41, 1205-1206.	2.0	4
61	Effect of antenatal magnesium sulphate on MRI biomarkers of white matter development at term equivalent age: The MagNUM Study. <i>EBioMedicine</i> , 2022, 78, 103923.	6.1	4
62	Determining insulin sensitivity from glucose tolerance tests in sheep1. <i>Journal of Animal Science</i> , 2016, 94, 3711-3721.	0.5	3
63	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.	1.8	3
64	Effect of prophylactic dextrose gel on the neonatal gut microbiome. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 501-507.	2.8	3
65	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.	1.8	2
66	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.	1.9	2
67	Effects of preterm birth induced with or without exogenous glucocorticoids on the ovine glucose-insulin axis. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 58-70.	1.4	2
68	Profiles of neurobehavior and their associations with brain abnormalities on MRI in infants born preterm. <i>Early Human Development</i> , 2020, 145, 105041.	1.8	2
69	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
70	Accuracy of caregivers' recall of hospital admissions: implications for research. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 1199-1204.	1.5	1
71	Early-Stage Translational Research in Perinatal Medicine. <i>Neonatology</i> , 2019, 115, 182-188.	2.0	1
72	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.	1.9	1

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73	Nutritional Management of Moderate- and Late-Preterm Infants Commenced on Intravenous Fluids Pending Mother's Own Milk: Cohort Analysis From the DIAMOND Trial. <i>Frontiers in Pediatrics</i> , 2022, 10, 817331.	1.9	1
74	Topical corticosteroid wet wrap treatment and adrenal suppression: An Auckland perspective. <i>JAAD International</i> , 2021, 5, 66-68.	2.2	0
75	Prioritising long-term outcomes for preterm babies: A survey of consumers and clinicians. <i>Journal of Paediatrics and Child Health</i> , 0, , .	0.8	0
76	Different approaches to requesting consent for routine data linkage in neonatal follow-up (ACORN): protocol for a 2x2 factorial randomised trial. <i>BMJ Open</i> , 2022, 12, e060476.	1.9	0