

# Lisa Gaye Smithers

## List of Publications by Year in descending order

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118  
papers

2,777  
citations

201674  
27  
h-index

206112  
48  
g-index

126  
all docs

126  
docs citations

126  
times ranked

3531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid. JAMA - Journal of the American Medical Association, 2009, 301, 175.	7.4	329
2	The effect of maternal omega-3 (n-3) LCPUFA supplementation during pregnancy on early childhood cognitive and visual development: a systematic review and meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition, 2013, 97, 531-544.	4.7	184
3	Higher dose of docosahexaenoic acid in the neonatal period improves visual acuity of preterm infants: results of a randomized controlled trial. American Journal of Clinical Nutrition, 2008, 88, 1049-1056.	4.7	112
4	Effect of long-chain polyunsaturated fatty acid supplementation of preterm infants on disease risk and neurodevelopment: a systematic review of randomized controlled trials. American Journal of Clinical Nutrition, 2008, 87, 912-920.	4.7	103
5	Characterizing whole diets of young children from developed countries and the association between diet and health: a systematic review. Nutrition Reviews, 2011, 69, 449-467.	5.8	97
6	A systematic review and meta-analysis of effects of early life non-cognitive skills on academic, psychosocial, cognitive and health outcomes. Nature Human Behaviour, 2018, 2, 867-880.	12.0	92
7	Associations between dietary patterns at 6 and 15 months of age and sociodemographic factors. European Journal of Clinical Nutrition, 2012, 66, 658-666.	2.9	86
8	Feeding preterm infants milk with a higher dose of docosahexaenoic acid than that used in current practice does not influence language or behavior in early childhood: a follow-up study of a randomized controlled trial. American Journal of Clinical Nutrition, 2010, 91, 628-634.	4.7	60
9	Dietary patterns at 6, 15 and 24 months of age are associated with IQ at 8 years of age. European Journal of Epidemiology, 2012, 27, 525-535.	5.7	60
10	Four-Year Follow-up of Children Born to Women in a Randomized Trial of Prenatal DHA Supplementation. JAMA - Journal of the American Medical Association, 2014, 311, 1802.	7.4	60
11	Randomized controlled trial of maternal omega-3 long-chain PUFA supplementation during pregnancy and early childhood development of attention, working memory, and inhibitory control. American Journal of Clinical Nutrition, 2014, 99, 851-859.	4.7	59
12	The effect of dairy foods on CHD: a systematic review of prospective cohort studies. British Journal of Nutrition, 2009, 102, 1267-1275.	2.3	58
13	Seven-Year Follow-up of Children Born to Women in a Randomized Trial of Prenatal DHA Supplementation. JAMA - Journal of the American Medical Association, 2017, 317, 1173.	7.4	56
14	Diet Quality of UK Infants Is Associated with Dietary, Adiposity, Cardiovascular, and Cognitive Outcomes Measured at 8 Years of Age. Journal of Nutrition, 2013, 143, 1611-1617.	2.9	50
15	Effect of two doses of docosahexaenoic acid (DHA) in the diet of preterm infants on infant fatty acid status: Results from the DINO trial. Prostaglandins Leukotrienes and Essential Fatty Acids, 2008, 79, 141-146.	2.2	48
16	Role of Long-Chain Polyunsaturated Fatty Acids in Neurodevelopment and Growth. Nestle Nutrition Workshop Series Paediatric Programme, 2010, 65, 123-136.	1.5	47
17	Maternal supplementation with docosahexaenoic acid during pregnancy does not affect early visual development in the infant: a randomized controlled trial. American Journal of Clinical Nutrition, 2011, 93, 1293-1299.	4.7	46
18	Effects of Breastfeeding on Obesity and Intelligence. JAMA Pediatrics, 2015, 169, 707.	6.2	45

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19	Association of cord blood vitamin D with early childhood growth and neurodevelopment. Journal of Paediatrics and Child Health, 2017, 53, 75-83.	0.8	43
20	Effect of fatty acid structure on neutrophil adhesion, degranulation and damage to endothelial cells. Atherosclerosis, 1995, 116, 247-259.	0.8	41
21	An Index Measuring Adherence to Complementary Feeding Guidelines Has Convergent Validity as a Measure of Infant Diet Quality. Journal of Nutrition, 2012, 142, 901-908.	2.9	40
22	A whole-of-a-population study of term and post-term gestational age at birth and children's development. BJOG: an International Journal of Obstetrics and Gynaecology, 2015, 122, 1303-1311.	2.3	40
23	Dental Disease Outcomes Following a 2-Year Oral Health Promotion Program for Australian Aboriginal Children and Their Families: A 2-Arm Parallel, Single-blind, Randomised Controlled Trial. EClinicalMedicine, 2018, 1, 43-50.	7.1	39
24	Do Dietary Trajectories between Infancy and Toddlerhood Influence IQ in Childhood and Adolescence? Results from a Prospective Birth Cohort Study. PLoS ONE, 2013, 8, e58904.	2.5	34
25	Cesarean section in Ethiopia: prevalence and sociodemographic characteristics. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1130-1135.	1.5	34
26	How well can poor child development be predicted from early life characteristics?. Early Childhood Research Quarterly, 2016, 35, 19-30.	2.7	30
27	Measuring stress in Australia: validation of the perceived stress scale (PSS-14) in a national sample. Health and Quality of Life Outcomes, 2020, 18, 100.	2.4	28
28	Characterization of transition diets spanning infancy and toddlerhood: a novel, multiple-time-point application of principal components analysis. American Journal of Clinical Nutrition, 2012, 95, 1200-1208.	4.7	27
29	Does ethnic-racial identity modify the effects of racism on the social and emotional wellbeing of Aboriginal Australian children?. PLoS ONE, 2019, 14, e0220744.	2.5	25
30	Human milk fatty acids from lactating mothers of preterm infants: A study revealing wide intra- and inter-individual variation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2010, 83, 9-13.	2.2	23
31	Prevalence and characteristics of overweight and obesity in indigenous Australian children: A systematic review. Critical Reviews in Food Science and Nutrition, 2017, 57, 1365-1376.	10.3	23
32	Impact of Neonatal Growth on IQ and Behavior at Early School Age. Pediatrics, 2013, 132, e53-e60.	2.1	22
33	Higher cord blood 25-hydroxyvitamin D concentrations reduce the risk of early childhood eczema: in children with a family history of allergic disease. World Allergy Organization Journal, 2015, 8, 28.	3.5	22
34	Do thin, overweight and obese children have poorer development than their healthy-weight peers at the start of school? Findings from a South Australian data linkage study. Early Childhood Research Quarterly, 2016, 35, 85-94.	2.7	22
35	Gestational age and school achievement: a population study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2017, 102, F409-F416.	2.8	22
36	Association of cord blood vitamin D at delivery with postpartum depression in Australian women. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2015, 55, 446-452.	1.0	21

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37	Stunting, dietary diversity and household food insecurity among children under 5 years in ethnic communities of northern Thailand. <i>Journal of Public Health</i> , 2019, 41, 772-780.	1.8	21
38	The metabolic syndrome in pregnancy and its association with child telomere length. <i>Diabetologia</i> , 2020, 63, 2140-2149.	6.3	21
39	Dietary Patterns of Infants and Toddlers Are Associated with Nutrient Intakes. <i>Nutrients</i> , 2012, 4, 935-948.	4.1	20
40	Stress beyond coping? A Rasch analysis of the Perceived Stress Scale (PSS-14) in an Aboriginal population. <i>PLoS ONE</i> , 2019, 14, e0216333.	2.5	20
41	Follow-up of an Intervention to Reduce Dental Caries in Indigenous Australian Children. <i>JAMA Network Open</i> , 2019, 2, e190648.	5.9	20
42	Carbohydrate intake is the main determinant of growth in infants born <33 weeks' gestation when protein intake is adequate. <i>Nutrition</i> , 2008, 24, 451-457.	2.4	19
43	Diet spanning infancy and toddlerhood is associated with child blood pressure at age 7.5 y. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1375-1386.	4.7	19
44	Anaemia of Pregnancy, Perinatal Outcomes and Children's Developmental Vulnerability: a Whole-of-Population Study. <i>Paediatric and Perinatal Epidemiology</i> , 2014, 28, 381-390.	1.7	19
45	Cesarean birth is not associated with early childhood body mass index. <i>Pediatric Obesity</i> , 2017, 12, 120-124.	2.8	19
46	Determinants of knowledge and attitudes about sugar and the association of knowledge and attitudes with sugar intake among adults: A systematic review. <i>Appetite</i> , 2018, 126, 185-194.	3.7	19
47	Asthma treatment impacts time to pregnancy: evidence from the international SCOPE study. <i>European Respiratory Journal</i> , 2018, 51, 1702035.	6.7	19
48	Diet and anthropometry at 2 years of age following an oral health promotion programme for Australian Aboriginal children and their carers: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2017, 118, 1061-1069.	2.3	18
49	Impact of caesarean section on breastfeeding indicators: within-country and meta-analyses of nationally representative data from 33 countries in sub-Saharan Africa. <i>BMJ Open</i> , 2019, 9, e027497.	1.9	18
50	Food advertising on Australian television: Frequency, duration and monthly pattern of advertising from a commercial network (four channels) for the entire 2016. <i>Journal of Paediatrics and Child Health</i> , 2018, 54, 962-967.	0.8	17
51	Somatic FGFR and TWIST Mutations are not a Common Cause of Isolated Nonsyndromic Single Suture Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2007, 18, 312-314.	0.7	16
52	Industry self-regulation and <sc>TV</sc> advertising of foods to <sc>A</sc>ustralian children. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 386-392.	0.8	16
53	Does n-3 LCPUFA supplementation during pregnancy increase the IQ of children at school age? Follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2016, 6, e011465.	1.9	16
54	How much free sugar do Australians consume? Findings from a national survey. <i>Australian and New Zealand Journal of Public Health</i> , 2018, 42, 533-540.	1.8	15

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55	Inhibitory effects of arachidonic acid (20:4,n-6) and its monohydroperoxy- and hydroxy-metabolites on procoagulant activity in endothelial cells. <i>Atherosclerosis</i> , 1995, 116, 125-133.	0.8	14
56	Caesarean section and risk of type 1 diabetes: whole-of-population study. <i>Diabetic Medicine</i> , 2019, 36, 1686-1693.	2.3	14
57	Implications of caesarean section for children's school achievement: A population-based study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2016, 56, 374-380.	1.0	13
58	Assessing whether early attention of very preterm infants can be improved by an omega-3 long-chain polyunsaturated fatty acid intervention: a follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e020043.	1.9	13
59	Follow-up of Intervention to Prevent Dental Caries Among Indigenous Children in Australia. <i>JAMA Network Open</i> , 2019, 2, e1915611.	5.9	13
60	Prevalence of breakfast skipping among children and adolescents: a cross-sectional population level study. <i>BMC Pediatrics</i> , 2022, 22, 220.	1.7	13
61	DHA supplementation in infants born preterm and the effect on attention at 18 months <sup>TM</sup> corrected age: follow-up of a subset of the N3RO randomised controlled trial. <i>British Journal of Nutrition</i> , 2021, 125, 420-431.	2.3	12
62	Cohort profile: South Australian Aboriginal Birth Cohort (SAABC) <sup>TM</sup> a prospective longitudinal birth cohort. <i>BMJ Open</i> , 2021, 11, e043559.	1.9	12
63	Associations of parental food-choice control and use of food to soothe with adiposity in childhood and adolescence. <i>Appetite</i> , 2017, 113, 71-77.	3.7	11
64	Educational outcomes among children with type 1 diabetes: Whole-of-population linked data study. <i>Pediatric Diabetes</i> , 2020, 21, 1353-1361.	2.9	11
65	The controlled direct effect of temperament at 2-3 years on cognitive and academic outcomes at 6-7 years. <i>PLoS ONE</i> , 2019, 14, e0204189.	2.5	9
66	Exploratory Graph Analysis of the Strengths and Difficulties Questionnaire for Aboriginal and/or Torres Strait Islander Children. <i>Frontiers in Psychology</i> , 2021, 12, 573825.	2.1	9
67	Potentially preventable hospitalisations in children: a comparison of definitions. <i>Archives of Disease in Childhood</i> , 2020, 105, 375-381.	1.9	8
68	Effect of maternal smoking during pregnancy on childhood type 1 diabetes: a whole-of-population study. <i>Diabetologia</i> , 2020, 63, 1162-1173.	6.3	8
69	Racism, stress, and sense of personal control among Aboriginal Australian pregnant women. <i>Australian Psychologist</i> , 2020, 55, 336-348.	1.6	8
70	Prenatal n-3 Long-Chain Polyunsaturated Fatty Acids and Children <sup>TM</sup> s Executive Functions. , 2019, , 83-105.		7
71	Use of domperidone and risk of ventricular arrhythmia in the postpartum period: getting to the heart of the matter. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 863-864.	1.9	6
72	Implications of vaginal instrumental delivery for children's school achievement: A population-based linked administrative data study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2019, 59, 677-683.	1.0	6

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73	Is There an Association between Breastfeeding and Dental Caries among Three-Year-Old Australian Aboriginal Children?. <i>Nutrients</i> , 2019, 11, 2811.	4.1	6
74	Drop-the-p: Bayesian CFA of the Multidimensional Scale of Perceived Social Support in Australia. <i>Frontiers in Psychology</i> , 2021, 12, 542257.	2.1	6
75	“What are we doing to our babies’ teeth?” Barriers to establishing oral health practices for Indigenous children in South Australia. <i>BMC Oral Health</i> , 2021, 21, 434.	2.3	6
76	Sense of personal control: Can it be assessed culturally unbiased across Aboriginal and non-Aboriginal Australians?. <i>PLoS ONE</i> , 2020, 15, e0239384.	2.5	6
77	Parenting Practices at 24 to 47 Months and IQ at Age 8: Effect-Measure Modification by Infant Temperament. <i>PLoS ONE</i> , 2016, 11, e0152452.	2.5	5
78	Longer-term breastfeeding outcomes associated with domperidone use for lactation differs according to maternal weight. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 1071-1075.	1.9	5
79	The changing temporal association between caesarean birth and neonatal death in Ethiopia: secondary analysis of nationally representative surveys. <i>BMJ Open</i> , 2019, 9, e027235.	1.9	5
80	Discretionary food advertising on television in 2017: a descriptive study. <i>Australian and New Zealand Journal of Public Health</i> , 2019, 43, 519-521.	1.8	5
81	Incidence of type 1 diabetes by socio-demographic characteristics among South Australian children: Whole-of-population study. <i>Journal of Paediatrics and Child Health</i> , 2020, 56, 1952-1958.	0.8	5
82	Characteristics of paediatric frequent presenters at emergency departments: A whole-of-population study. <i>Journal of Paediatrics and Child Health</i> , 2021, 57, 64-72.	0.8	5
83	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid: A Randomized Controlled Trial. <i>Obstetrical and Gynecological Survey</i> , 2009, 64, 297-298.	0.4	4
84	Can Items Used in 4-Year-Old Well-Child Visits Predict Children’s Health and School Outcomes?. <i>Maternal and Child Health Journal</i> , 2014, 18, 1345-1353.	1.5	4
85	How many infants are temperamentally difficult? Comparing norms from the Revised Infant Temperament Questionnaire to a population sample of UK infants. , 2015, 40, 20-28.		4
86	Comparison of iodine status pre- and post-mandatory iodine fortification of bread in South Australia: a population study using newborn thyroid-stimulating hormone concentration as a marker. <i>Public Health Nutrition</i> , 2019, 22, 3063-3072.	2.2	4
87	Australia’s sugar tale. <i>Public Health Nutrition</i> , 2019, 22, 2682-2687.	2.2	4
88	Association Between Newborn Thyroid-Stimulating-Hormone Concentration and Neurodevelopment and Growth: a Systematic Review. <i>Biological Trace Element Research</i> , 2021, , 1.	3.5	4
89	A Preference Based Measure of Complementary Feeding Quality: Application to the Avon Longitudinal Study of Parents and Children. <i>PLoS ONE</i> , 2013, 8, e76111.	2.5	4
90	Aspirations and Worries: The Role of Parental Intrinsic Motivation in Establishing Oral Health Practices for Indigenous Children. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11695.	2.6	4

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91	“I feel like the worst mother in the world”: Neoliberal subjectivity in Indigenous Australian oral health. <i>SSM Qualitative Research in Health</i> , 2022, 2, 100046.	1.5	4
92	Breakfast skipping and cognitive and emotional engagement at school: a cross-sectional population-level study. <i>Public Health Nutrition</i> , 2022, 25, 3356-3365.	2.2	4
93	Health Workers’ and Villagers’ Perceptions of Young Child Health, Growth Monitoring, and the Role of the Health System in Remote Thailand. <i>Food and Nutrition Bulletin</i> , 2018, 39, 536-548.	1.4	3
94	Local perspectives and context in relation to feeding practices of children under 2 years in the mountain villages of northern Thailand. <i>Public Health Nutrition</i> , 2018, 21, 2989-2997.	2.2	3
95	Selling function: the advertising of sugar-containing beverages on Australian television. <i>Health Promotion International</i> , 2021, 36, 143-154.	1.8	3
96	Associations between Apgar scores and children’s educational outcomes at eight years of age. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2021, 61, 35-41.	1.0	3
97	Dietary Intake and Anthropometric Measurement at Age 36 Months Among Aboriginal and/or Torres Strait Islander Children in Australia. <i>JAMA Network Open</i> , 2021, 4, e2114348.	5.9	3
98	Exploring the readiness of senior doctors and nurses to assess and address patients’ social needs in the hospital setting. <i>BMC Health Services Research</i> , 2022, 22, 246.	2.2	3
99	Smoking cessation care during pregnancy: A qualitative exploration of midwives’ challenging role. <i>Women and Birth</i> , 2023, 36, 89-98.	2.0	3
100	The impact of industry self-regulation on television marketing of unhealthy food and beverages to Australian children. <i>Medical Journal of Australia</i> , 2013, 199, 148-149.	1.7	2
101	Associations between newborn thyroid-stimulating hormone concentration and neurodevelopment and growth of children at 18 months. <i>British Journal of Nutrition</i> , 2021, 126, 1-11.	2.3	2
102	Isolation, marginalisation and disempowerment – understanding how interactions with health providers can influence smoking cessation in pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 396.	2.4	2
103	381 Language and Behaviour Followup From the Dino (DHA for the Improvement of) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26	2.3	1
104	Ethnic-racial identity affirmation: Validation in Aboriginal Australian children. <i>PLoS ONE</i> , 2019, 14, e0224736.	2.5	1
105	Good and bad sugars: Australian adults’ perspectives on sugar in their diet. <i>Critical Public Health</i> , 2020, , 1-11.	2.4	1
106	Infant Nutrition and Obesity. , 2016, , 297-307.		1
107	Child-, Family-, and Community-Level Facilitators for Promoting Oral Health Practices among Indigenous Children. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1150.	2.6	1
108	Can social risks in early life predict children’s health and academic outcomes? An analysis of the Longitudinal Study of Australian Children. <i>SSM - Population Health</i> , 2022, 17, 101070.	2.7	1



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109	Strategies to Support Sustained Participant Engagement in an Oral Health Promotion Study for Indigenous Children and Their Families in Australia. International Journal of Environmental Research and Public Health, 2022, 19, 8112.	2.6	1
110	Article Commentary: Higher Dose of Docosahexaenoic Acid in the Neonatal Period Improves Visual Acuity of Preterm Infants: Results of a Randomized Controlled Trial. Nutrition in Clinical Practice, 2009, 24, 645-646.	2.4	0
111	Dietary interventions in school settings: can they change children's diets and metabolic outcomes?. British Journal of Nutrition, 2014, 112, 1749-1750.	2.3	0
112	Authors respond to the commentary on Chong et al. "How many infants are temperamentally difficult?" (40 (2015) 20-28)., 2015, 41, 164-166.		0
113	642: The impact of caesarean section on children's school achievement. American Journal of Obstetrics and Gynecology, 2016, 214, S342.	1.3	0
114	Diabetes During Pregnancy Modifies the Association Between Birth Weight and Education: A Whole-of-Population Study. Diabetes Care, 2019, 42, e143-e145.	8.6	0
115	Authors' reply to Blanchette. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2020, 60, E1-E2.	1.0	0
116	A Nutrition-Sensitive Agriculture Initiative in Ethnic Communities of Northern Thailand: Local Perspectives and Future Prospects. Food and Nutrition Bulletin, 2021, 42, 037957212110251.	1.4	0
117	432 Recurrent stillbirth: a population-based study from South Australia. International Journal of Epidemiology, 2021, 50, .	1.9	0
118	Implications of Vaginal Instrumental Delivery for Children's School Achievement: A Population-based Linked Administrative Data Study. Obstetric Anesthesia Digest, 2020, 40, 148-150.	0.1	0