

# Barbara C Galland

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

3,533  
citations

172457

29  
h-index

161849

54  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal sleep patterns in infants and children: A systematic review of observational studies. <i>Sleep Medicine Reviews</i> , 2012, 16, 213-222.	8.5	524
2	Children's sleep and health: A meta-review. <i>Sleep Medicine Reviews</i> , 2019, 46, 136-150.	8.5	220
3	Establishing normal values for pediatric nighttime sleep measured by actigraphy: a systematic review and meta-analysis. <i>Sleep</i> , 2018, 41, .	1.1	139
4	Cognition and objectively measured sleep duration in children: a systematic review and meta-analysis. <i>Sleep Health</i> , 2018, 4, 292-300.	2.5	118
5	Sleep Disordered Breathing and Academic Performance: A Meta-analysis. <i>Pediatrics</i> , 2015, 136, e934-e946.	2.1	108
6	Helping children sleep. <i>Archives of Disease in Childhood</i> , 2010, 95, 850-853.	1.9	100
7	Sleep hygiene intervention for youth aged 10 to 18 years with problematic sleep: a before-after pilot study. <i>BMC Pediatrics</i> , 2012, 12, 189.	1.7	99
8	Parent knowledge of children's sleep: A systematic review. <i>Sleep Medicine Reviews</i> , 2017, 31, 39-47.	8.5	97
9	Prevention of Overweight in Infancy (POI.nz) study: a randomised controlled trial of sleep, food and activity interventions for preventing overweight from birth. <i>BMC Public Health</i> , 2011, 11, 942.	2.9	88
10	Gender differences in sleep hygiene practices and sleep quality in New Zealand adolescents aged 15 to 17 years. <i>Sleep Health</i> , 2017, 3, 77-83.	2.5	86
11	Differences in Infant and Parent Behaviors During Routine Bed Sharing Compared With Cot Sleeping in the Home Setting. <i>Pediatrics</i> , 2006, 117, 1599-1607.	2.1	76
12	The sleep of children with attention deficit hyperactivity disorder on and off methylphenidate: a matched case-control study. <i>Journal of Sleep Research</i> , 2010, 19, 366-373.	3.2	71
13	Targeting Sleep, Food, and Activity in Infants for Obesity Prevention: An RCT. <i>Pediatrics</i> , 2017, 139, .	2.1	68
14	Heart rate variability and cardiac reflexes in small for gestational age infants. <i>Journal of Applied Physiology</i> , 2006, 100, 933-939.	2.5	66
15	The complexities of defining optimal sleep: Empirical and theoretical considerations with a special emphasis on children. <i>Sleep Medicine Reviews</i> , 2014, 18, 371-378.	8.5	65
16	Sleep, nutrition, and physical activity interventions to prevent obesity in infancy: follow-up of the Prevention of Overweight in Infancy (POI) randomized controlled trial at ages 3.5 and 5 y. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 228-236.	4.7	64
17	Algorithms for using an activity-based accelerometer for identification of infant sleep and wake states during nap studies. <i>Sleep Medicine</i> , 2012, 13, 743-751.	1.6	57
18	Challenges and Emerging Technologies within the Field of Pediatric Actigraphy. <i>Frontiers in Psychiatry</i> , 2014, 5, 99.	2.6	55

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19	24 h Accelerometry: impact of sleep-screening methods on estimates of sedentary behaviour and physical activity while awake. <i>Journal of Sports Sciences</i> , 2016, 34, 679-685.	2.0	55
20	Changes in Behavior and Attentional Capacity after Adenotonsillectomy. <i>Pediatric Research</i> , 2006, 59, 711-716.	2.3	53
21	ActiGraph GT3X+ and Actical Wrist and Hip Worn Accelerometers for Sleep and Wake Indices in Young Children Using an Automated Algorithm: Validation With Polysomnography. <i>Frontiers in Psychiatry</i> , 2019, 10, 958.	2.6	51
22	Impact of an early-life intervention on the nutrition behaviors of 2-y-old children: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 704-712.	4.7	46
23	Sleep Arrangements and Behavior of Bed-Sharing Families in the Home Setting. <i>Pediatrics</i> , 2007, 119, e200-e207.	2.1	45
24	Effect of divergent continuous glucose monitoring technologies on glycaemic control in type 1 diabetes mellitus: A systematic review and meta-analysis of randomised controlled trials. <i>Diabetic Medicine</i> , 2022, 39, e14854.	2.3	44
25	The influence of bed-sharing on infant physiology, breastfeeding and behaviour: A systematic review. <i>Sleep Medicine Reviews</i> , 2019, 43, 106-117.	8.5	43
26	Interventions with a sleep outcome for children with cerebral palsy or a post-traumatic brain injury: A systematic review. <i>Sleep Medicine Reviews</i> , 2012, 16, 561-573.	8.5	41
27	24-h movement behaviors from infancy to preschool: cross-sectional and longitudinal relationships with body composition and bone health. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 118.	4.6	37
28	Sleep and Night-time Caregiving in Parents of Children and Adolescents with Type 1 Diabetes Mellitus – A Qualitative Study. <i>Behavioral Sleep Medicine</i> , 2020, 18, 622-636.	2.1	35
29	Improved technology satisfaction and sleep quality with Medtronic MiniMed® Advanced Hybrid Closed-Loop delivery compared to predictive low glucose suspend in people with Type 1 Diabetes in a randomized crossover trial. <i>Acta Diabetologica</i> , 2022, 59, 31-37.	2.5	34
30	A Matched Case Control Study of Orthostatic Intolerance in Children/Adolescents With Chronic Fatigue Syndrome. <i>Pediatric Research</i> , 2008, 63, 196-202.	2.3	32
31	Criteria for nap identification in infants and young children using 24-h actigraphy and agreement with parental diary. <i>Sleep Medicine</i> , 2016, 19, 85-92.	1.6	32
32	Parenting style and family type, but not child temperament, are associated with television viewing time in children at two years of age. <i>PLoS ONE</i> , 2017, 12, e0188558.	2.5	32
33	Effect of 6 Months of Flash Glucose Monitoring in Youth With Type 1 Diabetes and High-Risk Glycemic Control: A Randomized Controlled Trial. <i>Diabetes Care</i> , 2020, 43, 2388-2395.	8.6	32
34	Anticipatory guidance to prevent infant sleep problems within a randomised controlled trial: infant, maternal and partner outcomes at 6 months of age. <i>BMJ Open</i> , 2017, 7, e014908.	1.9	29
35	Pulse Transit Time and Blood Pressure Changes Following Auditory-Evoked Subcortical Arousal and Waking of Infants. <i>Sleep</i> , 2007, 30, 891-897.	1.1	28
36	Prevalence and factors associated with snoring in 3-year olds: Early links with behavioral adjustment. <i>Sleep Medicine</i> , 2012, 13, 1191-1197.	1.6	27

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37	Neurobehavioural correlates in older children and adolescents with obesity and obstructive sleep apnoea. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 16-23.	0.8	27
38	Enhancement of airway reactivity to histamine by isoprenaline and related $\beta_2$ -adrenoceptor agonists in the guinea-pig. <i>British Journal of Pharmacology</i> , 1993, 108, 1016-1023.	5.4	24
39	Early Intervention to Encourage Physical Activity in Infants and Toddlers. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2446-2453.	0.4	20
40	Three-year follow-up of a randomised controlled trial to reduce excessive weight gain in the first two years of life: protocol for the POI follow-up study. <i>BMC Public Health</i> , 2016, 16, 771.	2.9	20
41	Mandibular advancement appliances for sleep-disordered breathing in children: A randomized crossover clinical trial. <i>Journal of Dentistry</i> , 2018, 71, 9-17.	4.1	20
42	Physical activity and inactivity trajectories associated with body composition in pre-schoolers. <i>International Journal of Obesity</i> , 2018, 42, 1621-1630.	3.4	20
43	Using compositional principal component analysis to describe children's gut microbiota in relation to diet and body composition. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 70-78.	4.7	20
44	Do young children consistently meet 24-h sleep and activity guidelines? A longitudinal analysis using actigraphy. <i>International Journal of Obesity</i> , 2019, 43, 2555-2564.	3.4	20
45	Parent report of children's sleep disordered breathing symptoms and limited academic progress in reading, writing, and math. <i>Sleep Medicine</i> , 2020, 65, 105-112.	1.6	18
46	Results of the 3 Pillars Study (3PS), a relationship-based programme targeting parent-child interactions, healthy lifestyle behaviours, and the home environment in parents of preschool-aged children: A pilot randomised controlled trial. <i>PLoS ONE</i> , 2020, 15, e0238977.	2.5	18
47	Hypoxic and Hypercapnic Events in Young Infants During Bed-sharing. <i>Pediatrics</i> , 2012, 130, 237-244.	2.1	17
48	Prebedtime Screen Use in Adolescents: A Survey of Habits, Barriers, and Perceived Acceptability of Potential Interventions. <i>Journal of Adolescent Health</i> , 2020, 66, 725-732.	2.5	17
49	Apnea-hypopnea indices and snoring in children diagnosed with ADHD: a matched case-control study. <i>Sleep and Breathing</i> , 2011, 15, 455-462.	1.7	16
50	Pulse Transit Time and Assessment of Childhood Sleep Disordered Breathing<alt-title>Pulse Transit Time in Sleep Disordered Breathing</alt-title>. <i>JAMA Otolaryngology</i> , 2012, 138, 398.	1.2	16
51	The use of pulse transit time in pediatric sleep studies: A systematic review. <i>Sleep Medicine Reviews</i> , 2018, 37, 4-13.	8.5	16
52	Sudden Unexpected Death in Infancy: Biological Mechanisms. <i>Paediatric Respiratory Reviews</i> , 2014, 15, 287-292.	1.8	15
53	Sleep patterns in children differ by ethnicity: cross-sectional and longitudinal analyses using actigraphy. <i>Sleep Health</i> , 2018, 4, 81-86.	2.5	15
54	The effect of mild sleep deprivation on diet and eating behaviour in children: protocol for the Daily Rest, Eating, and Activity Monitoring (DREAM) randomized cross-over trial. <i>BMC Public Health</i> , 2019, 19, 1347.	2.9	15

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55	Exploring Parental Experiences of Using a Do-It-Yourself Solution for Continuous Glucose Monitoring Among Children and Adolescents With Type 1 Diabetes: A Qualitative Study. <i>Journal of Diabetes Science and Technology</i> , 2020, 14, 844-853.	2.2	15
56	Do sleep interventions change sleep duration in children aged 0–5 years? A systematic review and meta-analysis of randomised controlled trials. <i>Sleep Medicine Reviews</i> , 2021, 59, 101498.	8.5	15
57	Eating frequency in relation to BMI in very young children: a longitudinal analysis. <i>Public Health Nutrition</i> , 2017, 20, 1372-1379.	2.2	14
58	Effect of 6-months flash glucose monitoring in adolescents and young adults with type 1 diabetes and suboptimal glycaemic control: managing diabetes in a flash randomised controlled trial protocol. <i>BMC Endocrine Disorders</i> , 2019, 19, 50.	2.2	14
59	Bidirectional associations between sleep and dietary intake in 0–5 year old children: A systematic review with evidence mapping. <i>Sleep Medicine Reviews</i> , 2020, 49, 101231.	8.5	14
60	Sluggish Cognitive Tempo and Daytime Sleepiness Mediate Relationships Between Sleep and Academic Performance. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2021, 42, 637-647.	1.1	14
61	Comparison of new generation motion-resistant pulse oximeters. <i>Journal of Paediatrics and Child Health</i> , 2006, 42, 359-365.	0.8	13
62	Impact of type 1 diabetes mellitus, glucose levels, and glycemic control on sleep in children and adolescents: a case-control study. <i>Sleep</i> , 2019, 43, .	1.1	13
63	Bedtime, body mass index and obesity risk in preschool-aged children. <i>Pediatric Obesity</i> , 2020, 15, e12650.	2.8	13
64	Lactation Consultant Support from Late Pregnancy with an Educational Intervention at 4 Months of Age Delays the Introduction of Complementary Foods in a Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2015, 145, 1481-1490.	2.9	12
65	Natural history of snoring and other sleep-disordered breathing (SDB) symptoms in 7-year-old New Zealand children: a follow-up from age 3. <i>Sleep and Breathing</i> , 2015, 19, 977-985.	1.7	12
66	Feasibility of Automated Cameras to Measure Screen Use in Adolescents. <i>American Journal of Preventive Medicine</i> , 2019, 57, 417-424.	3.0	12
67	Initial experiences of adolescents and young adults with type 1 diabetes and high-risk glycemic control after starting flash glucose monitoring - a qualitative study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 37-46.	1.9	12
68	Quantity versus quality of objectively measured sleep in relation to body mass index in children: cross-sectional and longitudinal analyses. <i>International Journal of Obesity</i> , 2020, 44, 803-811.	3.4	12
69	Safe sleep practices in a New Zealand community and development of a Sudden Unexpected Death in Infancy (SUDI) risk assessment instrument. <i>BMC Pediatrics</i> , 2014, 14, 263.	1.7	11
70	A Qualitative Study of How Preschoolers' Problematic Sleep Impacts Mothers. <i>Behavioral Sleep Medicine</i> , 2019, 17, 314-326.	2.1	11
71	Relationship between chewing features and body mass index in young adolescents. <i>Pediatric Obesity</i> , 2021, 16, e12743.	2.8	11
72	Adherence to 24-h movement behavior guidelines and psychosocial functioning in young children: a longitudinal analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 110.	4.6	11

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73	Sleep State Organization in the Developing Piglet During Exposure to Different Thermal Stimuli. <i>Sleep</i> , 1993, 16, 610-619.	1.1	10
74	Non-Wear Time and Presentation of Compositional 24-Hour Time-Use Analyses Influence Conclusions About Sleep and Body Mass Index in Children. <i>Journal for the Measurement of Physical Behaviour</i> , 2020, 3, 204-210.	0.8	10
75	Reliability of home-based physiological sleep measurements in snoring and non-snoring 3-year olds. <i>Sleep and Breathing</i> , 2013, 17, 147-156.	1.7	9
76	Apnea and Rapid Eye Movement Sleep Excess in the Piglet during Recovery from Hyperthermia. <i>Pediatric Research</i> , 1993, 34, 518-524.	2.3	8
77	Consistent use of bedtime parenting strategies mediates the effects of sleep education on child sleep: secondary findings from an early-life randomized controlled trial. <i>Sleep Health</i> , 2019, 5, 433-443.	2.5	8
78	The MiaoMiao study: can do-it-yourself continuous glucose monitoring technology improve fear of hypoglycaemia in parents of children affected by type 1 diabetes?. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1647-1658.	1.9	8
79	The effect of do-it-yourself real-time continuous glucose monitoring on psychological and glycemic variables in children with type 1 diabetes: A randomized crossover trial. <i>Pediatric Diabetes</i> , 2022, 23, 480-488.	2.9	8
80	Habitual Snoring at Age 3 Years: Links with Parent-Rated Remembering in Daily Life and Academic Achievement at Age 7 Years. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2018, 39, 144-153.	1.1	7
81	Measuring short-term eating behaviour and desire to eat: Validation of the child eating behaviour questionnaire and a computerized "desire to eat" computerized questionnaire. <i>Appetite</i> , 2021, 167, 105661.	3.7	7
82	Promotion of Family Routines and Positive Parent-Child Interactions for Obesity Prevention: Protocol for the 3 Pillars Study Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019, 8, e12792.	1.0	7
83	Sleep and Sensory Processing in Infants and Toddlers: A Cross-Sectional and Longitudinal Study. <i>American Journal of Occupational Therapy</i> , 2020, 74, 7406205010p1-7406205010p12.	0.3	7
84	Use of intermittently scanned continuous glucose monitoring in young people with high-risk type 1 diabetes: Extension phase outcomes following a 6-month randomized control trial. <i>Diabetic Medicine</i> , 2022, 39, e14756.	2.3	7
85	District health board of residence, ethnicity and socioeconomic status all impact publicly funded insulin pump uptake in New Zealand patients with type 1 diabetes. <i>New Zealand Medical Journal</i> , 2019, 132, 78-89.	0.5	7
86	Protocol for the Let's Grow randomised controlled trial: examining efficacy, cost-effectiveness and scalability of a m-Health intervention for movement behaviours in toddlers. <i>BMJ Open</i> , 2022, 12, e057521.	1.9	7
87	Auditory evoked arousal responses of 3-month-old infants exposed to methamphetamine in utero: a nap study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2013, 102, 424-430.	1.5	6
88	Relations between Risk for Sleep-Disordered Breathing, Cognitive and Executive Functioning, and Academic Performance in Six-Year-Olds. <i>Early Education and Development</i> , 2019, 30, 947-970.	2.6	5
89	Impact of high-risk glycemic control on habitual sleep patterns and sleep quality among youth (13-20 years) with type 1 diabetes mellitus compared to controls without diabetes. <i>Pediatric Diabetes</i> , 2021, 22, 823-831.	2.9	5
90	Pacific families navigating responsiveness and children's sleep in Aotearoa New Zealand. <i>Sleep Medicine</i> : X, 2021, 3, 100039.	1.5	5

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91	Study protocol: Safety and efficacy of smart watch integrated do-it-yourself continuous glucose monitoring in adults with Type 1 diabetes, a randomised controlled trial. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 2103-2113.	1.9	5
92	A longitudinal study of parental discipline up to 5 years. <i>Journal of Family Studies</i> , 2021, 27, 589-606.	1.5	4
93	Moe Kitenga: a qualitative study of perceptions of infant and child sleep practices among Māori whānau. <i>AlterNative</i> , 2020, 16, 153-160.	1.5	4
94	Parental experiences of short term supported use of a do-it-yourself continuous glucose monitor (DIYrCGM): A qualitative study. <i>Diabetic Medicine</i> , 2022, 39, e14731.	2.3	4
95	The "flash"™ adhesive study: a randomized crossover trial using an additional adhesive patch to prolong freestyle libre sensor life among youth with type 1 diabetes mellitus. <i>Acta Diabetologica</i> , 2020, 57, 1307-1314.	2.5	3
96	Sleep-Related Breathing Problem Trajectories Across Early Childhood and Academic Achievement-Related Performance at Age Eight. <i>Frontiers in Psychology</i> , 2021, 12, 661156.	2.1	3
97	Long-Term Follow-Up of a Randomized Controlled Trial to Reduce Excessive Weight Gain in Infancy: Protocol for the Prevention of Overweight in Infancy (POI) Follow-Up Study at 11 Years. <i>JMIR Research Protocols</i> , 2020, 9, e24968.	1.0	3
98	Can sleep questionnaires predict adenotonsillectomy outcome for children with sleep disordered breathing?. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2022, 153, 111001.	1.0	3
99	Efficacy of a Mandibular Advancement Appliance on Sleep Disordered Breathing in Children: A Study Protocol of a Crossover Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2016, 7, 353.	2.8	2
100	Family discipline practices with infants at six months of age. <i>Child Care in Practice</i> , 2019, 25, 383-398.	0.9	2
101	Short Sleep Duration is Associated with Central Arterial Stiffness in Children Independent of Other Lifestyle Behaviors. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 236-245.	1.0	2
102	Children's sleep health matters. <i>Sleep Medicine Reviews</i> , 2021, 57, 101487.	8.5	2
103	Investigating the moderators and mediators of an effective sleep intervention in the Prevention of Overweight in Infancy (POI) randomized controlled trial: Exploratory analyses. <i>Clinical Obesity</i> , 2022, 12, e12516.	2.0	2
104	Home-Based Monitoring of Eating in Adolescents: A Pilot Study. <i>Nutrients</i> , 2021, 13, 4354.	4.1	2
105	Emergent academic skills growth in New Zealand pre-school children undergoing treatment for sleep disordered breathing: a case-control pilot study. <i>Sleep Medicine</i> , 2021, 80, 77-85.	1.6	1
106	Mild cooling of the feet does not aid night-time vigilance. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	0
107	Foot cooling does not improve vigilance but may transiently reduce sleepiness. <i>Journal of Sleep Research</i> , 2019, 28, e12701.	3.2	0
108	Reply to "Should we use the multidimensional model of sleep health to assess the outcomes of sleep health promotion interventions? A commentary on: Do sleep interventions change sleep duration in children aged 0-5 years?" by Professor Reut Gruber. <i>Sleep Medicine Reviews</i> , 2021, 59, 101516.	8.5	0