Paul L Hofman

List of Publications by Year
in descending order

98	4,506	159525 30	106281 65
papers	citations	h-index	g-index

99	99	99	5314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fetal origins of hyperphagia, obesity, and hypertension and postnatal amplification by hypercaloric nutrition. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E83-E87.	1.8	824
2	Premature Birth and Later Insulin Resistance. New England Journal of Medicine, 2004, 351, 2179-2186.	13.9	547
3	Insulin Resistance in Short Children with Intrauterine Growth Retardation1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 402-406.	1.8	366
4	The fetal, neonatal, and infant environmentsâ€"the long-term consequences for disease risk. Early Human Development, 2005, 81, 51-59.	0.8	279
5	Fish oil supplements in New Zealand are highly oxidised and do not meet label content of n-3 PUFA. Scientific Reports, 2015, 5, 7928.	1.6	176
6	Exercise Training in Pregnancy Reduces Offspring Size without Changes in Maternal Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2080-2088.	1.8	163
7	Could Epigenetics Play a Role in the Developmental Origins of Health and Disease?. Pediatric Research, 2007, 61, 68R-75R.	1.1	114
8	Oxidation of Marine Omega-3 Supplements and Human Health. BioMed Research International, 2013, 2013, 1-8.	0.9	107
9	The Impact of Early Nutrition in Premature Infants on Later Childhood Insulin Sensitivity and Growth. Pediatrics, 2006, 118, 1943-1949.	1.0	89
10	Etiology of Increasing Incidence of Congenital Hypothyroidism in New Zealand from 1993â€"2010. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3155-3160.	1.8	81
11	IGFs and Binding Proteins in Short Children with Intrauterine Growth Retardation. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 235-239.	1.8	80
12	Exercise in pregnancies complicated by obesity: achieving benefits and overcoming barriers. American Journal of Obstetrics and Gynecology, 2015, 212, 442-449.	0.7	79
13	Reduced Leg Blood Flow during Submaximal Exercise in Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2008, 40, 612-617.	0.2	77
14	Increased Adiposity in Adults Born Preterm and Their Children. PLoS ONE, 2013, 8, e81840.	1.1	73
15	Antibiotics, gut microbiome and obesity. Clinical Endocrinology, 2018, 88, 185-200.	1.2	70
16	First-born Children Have Reduced Insulin Sensitivity and Higher Daytime Blood Pressure Compared to Later-Born Children. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 1248-1253.	1.8	64
17	A systematic review of gratitude interventions: Effects on physical health and health behaviors. Journal of Psychosomatic Research, 2020, 135, 110165.	1.2	62
18	Neurodevelopmental and Body Composition Outcomes in Children With Congenital Hypothyroidism Treated With High-Dose Initial Replacement and Close Monitoring. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3663-3670.	1.8	61

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19	Insulin Sensitivity and Î²-Cell Function in Adults Born Preterm and Their Children. Diabetes, 2012, 61, 2479-2483.	0.3	59
20	Fetal Origins of Adult Disease: A Paediatric Perspective. Reviews in Endocrine and Metabolic Disorders, 2005, 6, 261-268.	2.6	57
21	15-year incidence of diabetic ketoacidosis at onset of type 1 diabetes in children from a regional setting (Auckland, New Zealand). Scientific Reports, 2015, 5, 10358.	1.6	50
22	Increasing Incidence and Age at Diagnosis among Children with Type 1 Diabetes Mellitus over a 20-Year Period in Auckland (New Zealand). PLoS ONE, 2012, 7, e32640.	1.1	49
23	Newborn Screening for Congenital Adrenal Hyperplasia in New Zealand, 1994â€“2013. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1002-1008.	1.8	49
24	Design and testing of an MRI-compatible cycle ergometer for non-invasive cardiac assessments during exercise. BioMedical Engineering OnLine, 2012, 11, 13.	1.3	42
25	Systolic and Diastolic Abnormalities Reduce the Cardiac Response to Exercise in Adolescents With Type 2 Diabetes. Diabetes Care, 2014, 37, 1439-1446.	4.3	40
26	Diastolic Function Is Reduced in Adolescents With Type 1 Diabetes in Response to Exercise. Diabetes Care, 2012, 35, 2089-2094.	4.3	38
27	Early Markers of Glycaemic Control in Children with Type 1 Diabetes Mellitus. PLoS ONE, 2011, 6, e25251.	1.1	37
28	Increasing Maternal Age Is Associated with Taller Stature and Reduced Abdominal Fat in Their Children. PLoS ONE, 2013, 8, e58869.	1.1	35
29	The effect of a multi-disciplinary obesity intervention compared to usual practice in those ready to make lifestyle changes: design and rationale of Whanau Pakari. BMC Obesity, 2015, 2, 41.	3.1	35
30	A Novel Homeâ€Based Intervention for Child and Adolescent Obesity: The Results of the WhÄnau Pakari Randomized Controlled Trial. Obesity, 2017, 25, 1965-1973.	1.5	31
31	Structural and Functional Cardiac Abnormalities in Adolescent Girls with Poorly Controlled Type 2 Diabetes. Diabetes Care, 2009, 32, 883-888.	4.3	30
32	Assessment of health-related quality of life and psychological well-being of children and adolescents with obesity enrolled in a New Zealand community-based intervention programme: an observational study. BMJ Open, 2017, 7, e015776.	0.8	28
33	Post-Term Birth is Associated with Greater Risk of Obesity in Adolescent Males. Journal of Pediatrics, 2012, 160, 769-773.	0.9	27
34	Prevalence of comorbidities in obese New Zealand children and adolescents at enrolment in a communityâ€based obesity programme. Journal of Paediatrics and Child Health, 2016, 52, 1099-1105.	0.4	23
35	Antenatal exercise in overweight and obese women and its effects on offspring and maternal health: design and rationale of the IMPROVE (Improving Maternal and Progeny Obesity Via Exercise) randomised controlled trial. BMC Pregnancy and Childbirth, 2014, 14, 148.	0.9	21
36	Oxidized fish oil in rat pregnancy causes high newborn mortality and increases maternal insulin resistance. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R497-R504.	0.9	19

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37	Imaging the heart to detect cardiomyopathy in Duchenne muscular dystrophy: A review. Neuromuscular Disorders, 2018, 28, 717-730.	0.3	19
38	Pre-Pubertal Children Born Post-Term Have Reduced Insulin Sensitivity and Other Markers of the Metabolic Syndrome. PLoS ONE, 2013, 8, e67966.	1.1	19
39	Simple Fasting Methods to Assess Insulin Sensitivity in Childhood. Hormone Research in Paediatrics, 2005, 64, 25-31.	0.8	18
40	Does Careful Glycemic Control Improve Aerobic Capacity in Subjects with Type 1 Diabetes?. Exercise and Sport Sciences Reviews, 2010, 38, 161-167.	1.6	18
41	Increasing maternal prepregnancy body mass index is associated with reduced insulin sensitivity and increased blood pressure in their children. Clinical Endocrinology, 2015, 83, 352-356.	1.2	18
42	The Green Prescription Active Families programme in Taranaki, New Zealand 2007â€“2009: Did it reach children in need?. Journal of Primary Health Care, 2015, 7, 192.	0.2	18
43	Determining barriers and facilitators to engagement for families in a family-based, multicomponent healthy lifestyles intervention for children and adolescents: a qualitative study. BMJ Open, 2020, 10, e037152.	0.8	17
44	Measurement of 17-Hydroxyprogesterone by LCMSMS Improves Newborn Screening for CAH Due to 21-Hydroxylase Deficiency in New Zealand. International Journal of Neonatal Screening, 2020, 6, 6.	1.2	17
45	Prematurity and Programming: Are There Later Metabolic Sequelae?. Metabolic Syndrome and Related Disorders, 2006, 4, 101-112.	0.5	16
46	Newborn Screening TSH Values Less Than 15 mIU/L Are Not Associated With Long-term Hypothyroidism or Cognitive Impairment. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3329-e3338.	1.8	16
47	Blood pressure abnormalities in adults born moderately preterm and their children. International Journal of Cardiology, 2015, 181, 152-154.	0.8	15
48	Pathways to reduce diabetic ketoacidosis with new onset type 1 diabetes: Evidence from a regional pediatric diabetes center: Auckland, New Zealand, 2010 to 2014. Pediatric Diabetes, 2017, 18, 553-558.	1.2	15
49	A brief campaign to prevent diabetic ketoacidosis in children newly diagnosed with type 1 diabetes mellitus: The NO-DKA Study. Pediatric Diabetes, 2018, 19, 1257-1262.	1.2	15
50	Partial remission in type 1 diabetes and associated factors: Analysis based on the insulin doseâ€adjusted hemoglobin A1c in children and adolescents from a regional diabetes center, Auckland, New Zealand. Pediatric Diabetes, 2019, 20, 892-900.	1.2	14
51	Iodine and fertility: do we know enough?. Human Reproduction, 2021, 36, 265-274.	0.4	14
52	What affects programme engagement for MÄori families? A qualitative study of a familyâ€based, multidisciplinary healthy lifestyle programme for children and adolescents. Journal of Paediatrics and Child Health, 2021, 57, 670-676.	0.4	14
53	Marine oils: Complex, confusing, confounded?. Journal of Nutrition & Intermediary Metabolism, 2016, 5, 3-10.	1.7	13
54	Evaluation of the revised New Zealand national newborn screening protocol for congenital hypothyroidism. Clinical Endocrinology, 2017, 86, 431-437.	1.2	13

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55	Exercise in pregnancy: 1-year and 7-year follow-ups of mothers and offspring after a randomized controlled trial. Scientific Reports, 2018, 8, 12915.	1.6	13
56	Economic evaluation of a multi-disciplinary community-based intervention programme for New Zealand children and adolescents with obesity. Obesity Research and Clinical Practice, 2018, 12, 293-298.	0.8	13
57	Enhanced Insulin Sensitivity in Prepubertal Children with Constitutional Delay of Growth and Development. Journal of Pediatrics, 2010, 156, 308-312.	0.9	12
58	Missed congenital hypothyroidism in an identical twin. Journal of Paediatrics and Child Health, 2012, 48, 936-938.	0.4	12
59	Twoâ€year outcomes of WhÄnau Pakari, a multiâ€disciplinary assessment and intervention for children and adolescents with weight issues: A randomized clinical trial. Pediatric Obesity, 2021, 16, e12693.	1.4	12
60	Among overweight middle-aged men, first-borns have lower insulin sensitivity than second-borns. Scientific Reports, 2015, 4, 3906.	1.6	9
61	Gratitude â€“ more than just a platitude? The science behind gratitude and health. British Journal of Health Psychology, 2019, 24, 1-9.	1.9	9
62	Differences in Compositions of Gut Bacterial Populations and Bacteriophages in 5â€“11 Year-Olds Born Preterm Compared to Full Term. Frontiers in Cellular and Infection Microbiology, 2020, 10, 276.	1.8	9
63	Challenges of making healthy lifestyle changes for families in Aotearoa/New Zealand. Public Health Nutrition, 2021, 24, 1906-1915.	1.1	8
64	The associations between maternal BMI and gestational weight gain and health outcomes in offspring at age 1 and 7Âyears. Scientific Reports, 2021, 11, 20865.	1.6	8
65	An unusual cause of growth failure in cystic fibrosis: A salutary reminder of the interaction between glucocorticoids and cytochrome P450 inhibiting medication. Journal of Cystic Fibrosis, 2015, 14, e9-e11.	0.3	7
66	Therapeutic effects of hysterosalpingography contrast media in infertile women: what do we know about the H2O in the H2Oil trial and why does it matter?. Human Reproduction, 2021, 36, 529-535.	0.4	7
67	Decreasing Birth Weight Is Associated with Adverse Metabolic Profile and Lower Stature in Childhood and Adolescence. PLoS ONE, 2015, 10, e0119433.	1.1	7
68	Poorer glycaemic control is associated with increased skin thickness at injection sites in children with type 1 diabetes. International Journal of Pediatric Endocrinology (Springer), 2014, 2014, 2.	1.6	6
69	Increasing parental age at childbirth is associated with greater insulin sensitivity and more favorable metabolic profile in overweight adult male offspring. American Journal of Human Biology, 2015, 27, 380-386.	0.8	6
70	Compound heterozygosity for a frameshift mutation and an upstream deletion that reduces expression of SERPINH1 in siblings with a moderate form of osteogenesis imperfecta. American Journal of Medical Genetics, Part A, 2019, 179, 1466-1475.	0.7	6
71	Idiopathic short stature and growth hormone sensitivity in prepubertal children. Clinical Endocrinology, 2019, 91, 110-117.	1.2	6
72	Caregiverâ€™s readiness for change as a predictor of outcome and attendance in an intervention programme for children and adolescents with obesity: a secondary data analysis. BMJ Open, 2019, 9, e023195.	0.8	6

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73	Participantsâ€™ and caregiversâ€™ experiences of a multidisciplinary programme for healthy lifestyle change in Aotearoa/New Zealand: a qualitative, focus group study. BMJ Open, 2021, 11, e043516.	0.8	6
74	The role of protective psychological factors, <scp>selfâ€care</scp> behaviors, and <scp>HbA1c</scp> in young adults with type 1 diabetes. Pediatric Diabetes, 2022, 23, 380-389.	1.2	6
75	Needle with a Novel Attachment versus Conventional Screw-Thread Needles: A Preference and Ease-of-Use Test among Children and Adolescents with Diabetes. Journal of Diabetes Science and Technology, 2011, 5, 1480-1487.	1.3	5
76	Nulliparity is associated with subtle adverse metabolic outcomes in overweight/obese mothers and their offspring. Clinical Endocrinology, 2017, 87, 545-551.	1.2	5
77	The impact of demographic factors on newborn TSH levels and congenital hypothyroidism screening. Clinical Endocrinology, 2019, 91, 456-463.	1.2	5
78	Caregiver perceptions of weight in preschool children, and determinants of engagement in a multidisciplinary intervention service for weight issues. Obesity Research and Clinical Practice, 2021, 15, 262-267.	0.8	5
79	The sex of the foetus affects maternal blood glucose concentrations in overweight and obese pregnant women. Journal of Obstetrics and Gynaecology, 2017, 37, 667-669.	0.4	4
80	Angiotensinâ€converting enzymeâ€inhibitor therapy in adolescents with type 1 diabetes in a regional cohort: Auckland, New Zealand from 2006 to 2016. Journal of Paediatrics and Child Health, 2018, 54, 493-498.	0.4	4
81	Severe Familial Hypertriglyceridemia: Successful Treatment With Insulin and a Modified Meal Plan. Journal of the Endocrine Society, 2018, 2, 1357-1362.	0.1	4
82	Lower insulin sensitivity in young adults born preterm in Thailand. Pediatric Diabetes, 2020, 21, 210-214.	1.2	4
83	Implementing steroid profiling by liquid chromatographyâ€tandem mass spectrometry improves newborn screening for congenital adrenal hyperplasia in New Zealand. Clinical Endocrinology, 2021, 94, 904-912.	1.2	4
84	Response to IGF-1 Generation Test in Short Prepubertal Children Born Very Preterm or at Term. Hormone Research in Paediatrics, 2015, 84, 298-304.	0.8	3
85	Exercise capacity and cardiac function in adolescents born post-term. Scientific Reports, 2018, 8, 12963.	1.6	3
86	Lower insulin sensitivity remains a feature of children born very preterm. Pediatric Diabetes, 2021, 22, 161-167.	1.2	3
87	Fiveâ€year followâ€up of a familyâ€based multidisciplinary program for children with obesity. Obesity, 2021, 29, 1458-1468.	1.5	3
88	The effect of acute and chronic iodine excess on thyroid profile and reproductive function of women using Lipiodol during hysterosalpingography and the potential impact on thyroid function of their offspring: The SELFI study protocol. Medicine, Case Reports and Study Protocols, 2021, 2, e0148.	0.0	3
89	Metabolic consequences of prematurity. Expert Review of Endocrinology and Metabolism, 2006, 1, 209-218.	1.2	2
90	Constitutional Delay Influences the Auxological Response to Growth Hormone Treatment in Children with Short Stature and Growth Hormone Sufficiency. Scientific Reports, 2015, 4, 6061.	1.6	2

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91	Birth Weightâ€“ or Gestational Ageâ€“adjusted Second-tier LCMSMS Cutoffs Improve Newborn Screening for CAH in New Zealand. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3390-e3399.	1.8	2
92	Hysterosalpingography with Oil-Soluble Contrast Medium Does Not Increase Newborn Hypothyroidism. International Journal of Endocrinology, 2022, 2022, 1-7.	0.6	2
93	Preterm birth is associated with an intergenerational effect on cardioâ€metabolic risk. Clinical Endocrinology, 2015, 83, 439-440.	1.2	1
94	Exercise Cardiac Magnetic Resonance Imaging in Boys With Duchenne Muscular Dystrophy Without Cardiac Disease. Pediatric Neurology, 2021, 117, 35-43.	1.0	1
95	Karyotypes, confined blood chimerism, and confusion: a case of genetic sex mislabelling and its potential consequences. New Zealand Medical Journal, 2015, 128, 62-5.	0.5	1
96	The importance of rurality data in understanding access to healthcare services for childhood obesity. New Zealand Medical Journal, 2019, 132, 60-63.	0.5	0
97	Uptake and outcome of a community-based healthy lifestyle intervention for preschoolers identified with obesity: an audit of the WhÄnau Pakari preschool programme. New Zealand Medical Journal, 2020, 133, 135-139.	0.5	0
98	Associations between changes in caregiverâ€™s and childâ€™s weight status in a community-based obesity intervention programme. International Journal of Obesity, 2022, 46, 1406-1409.	1.6	0