

Julian Hamilton-Shield

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

224
papers

12,425
citations

58
h-index

105
g-index

242
ext. papers

13,895
ext. citations

7.1
avg, IF

5.89
L-index

#	Paper	IF	Citations
224	The feasibility, acceptability, and benefit of interventions that target eating speed in the clinical treatment of children and adolescents with overweight or obesity: A systematic review and meta-analysis. <i>Appetite</i> , 2022 , 168, 105780	4.5	0
223	What do families know about healthy eating and physical activity? A lesson from Wallace and Gromit. <i>Archives of Disease in Childhood</i> , 2021 , 106, 98-99	2.2	
222	Treatment of Barth Syndrome by Cardiolipin Manipulation (CARDIOMAN) With Bezafibrate: Protocol for a Randomized Placebo-Controlled Pilot Trial Conducted in the Nationally Commissioned Barth Syndrome Service. <i>JMIR Research Protocols</i> , 2021 , 10, e22533	2	4
221	How full am I? The effect of rating fullness during eating on food intake, eating speed and relationship with satiety responsiveness. <i>Appetite</i> , 2021 , 157, 104998	4.5	3
220	When do children learn how to select a portion size?. <i>Appetite</i> , 2021 , 164, 105247	4.5	2
219	Body composition after allogeneic haematopoietic cell transplantation/total body irradiation in children and young people: a restricted systematic review. <i>Journal of Cancer Survivorship</i> , 2020 , 14, 624-642	5.1	6
218	Overweight/obesity and associated cardiovascular risk factors in sub-Saharan African children and adolescents: a scoping review. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2020 , 2020, 6	1.5	13
217	Change in obesity-related metabolic abnormalities associated with body mass index improvement through life-style intervention: A meta-regression. <i>Pediatric Diabetes</i> , 2020 , 21, 173-193	3.6	8
216	What Change in Body Mass Index Is Required to Improve Cardiovascular Outcomes in Childhood and Adolescent Obesity through Lifestyle Interventions: A Meta-Regression. <i>Childhood Obesity</i> , 2020 , 16, 449-478	2.5	4
215	Nutrition and physical activity intervention for families with familial hypercholesterolaemia: protocol for a pilot randomised controlled feasibility study. <i>Pilot and Feasibility Studies</i> , 2020 , 6, 42	1.9	2
214	Associations between physical activity and asthma, eczema and obesity in children aged 12-16: an observational cohort study. <i>BMJ Open</i> , 2019 , 9, e024858	3	9
213	A systematic review and meta-analysis estimating the population prevalence of comorbidities in children and adolescents aged 5 to 18 years. <i>Obesity Reviews</i> , 2019 , 20, 1341-1349	10.6	48
212	Gut microbiome analysis by post: Evaluation of the optimal method to collect stool samples from infants within a national cohort study. <i>PLoS ONE</i> , 2019 , 14, e0216557	3.7	6
211	Enablers and barriers to treatment adherence in heterozygous familial hypercholesterolaemia: a qualitative evidence synthesis. <i>BMJ Open</i> , 2019 , 9, e030290	3	18
210	What change in body mass index is associated with improvement in percentage body fat in childhood obesity? A meta-regression. <i>BMJ Open</i> , 2019 , 9, e028231	3	13
209	Continuing rise of Type 2 diabetes incidence in children and young people in the UK. <i>Diabetic Medicine</i> , 2018 , 35, 737-744	3.5	61
208	The Adolescent Cardio-Renal Intervention Trial (AddIT): retinal vascular geometry and renal function in adolescents with type 1 diabetes. <i>Diabetologia</i> , 2018 , 61, 968-976	10.3	10

207	Is Child Abuse Associated with Adolescent Obesity? A Population Cohort Study. <i>Childhood Obesity</i> , 2018 , 14, 106-113	2.5	8
206	Maternal variants in and other maternal effect proteins are associated with multilocus imprinting disturbance in offspring. <i>Journal of Medical Genetics</i> , 2018 , 55, 497-504	5.8	66
205	What factors influence recruitment to a birth cohort of infants with Down's syndrome?. <i>Archives of Disease in Childhood</i> , 2018 , 103, 763-766	2.2	3
204	Cognitive behavioural therapy stabilises glycaemic control in adolescents with type 1 diabetes-Outcomes from a randomised control trial. <i>Pediatric Diabetes</i> , 2018 , 19, 106-113	3.6	9
203	Parental beliefs about portion size, not children's own beliefs, predict child BMI. <i>Pediatric Obesity</i> , 2018 , 13, 232-238	4.6	13
202	Insulin-like growth factor-II in adipocyte regulation: depot-specific actions suggest a potential role limiting excess visceral adiposity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E1098-E1107	6	14
201	Interval Outcomes of a Lifestyle Weight-Loss Intervention in Early Adolescence. <i>Children</i> , 2018 , 5,	2.8	1
200	Dietary interventions for managing glucose abnormalities in cystic fibrosis: a systematic review protocol. <i>Systematic Reviews</i> , 2018 , 7, 98	3	5
199	How do the experiences and beliefs of adults and children with heterozygous familial hypercholesterolaemia influence their adherence to treatment? A systematic review of qualitative evidence protocol. <i>Systematic Reviews</i> , 2018 , 7, 120	3	3
198	Slow Down: Behavioural and Physiological Effects of Reducing Eating Rate. <i>Nutrients</i> , 2018 , 11,	6.7	14
197	Using neuroimaging to investigate the impact of Mandolean training in young people with obesity: a pilot randomised controlled trial. <i>BMC Pediatrics</i> , 2018 , 18, 366	2.6	5
196	Treatment adherence and BMI reduction are key predictors of HbA1c 1 year after diagnosis of childhood type 2 diabetes in the United Kingdom. <i>Pediatric Diabetes</i> , 2018 , 19, 1393-1399	3.6	6
195	Hypercholesterolaemia screening in Type 1 diabetes: a difference of opinion. <i>Diabetic Medicine</i> , 2017 , 34, 983-986	3.5	5
194	Identifying Cardiovascular Risk in Survivors of Childhood Leukaemia Treated with Haematopoietic Stem Cell Transplantation and Total Body Irradiation?. <i>Hormone Research in Paediatrics</i> , 2017 , 87, 116-122	2.3	7
193	An alternative sensor-based method for glucose monitoring in children and young people with diabetes. <i>Archives of Disease in Childhood</i> , 2017 , 102, 543-549	2.2	86
192	Overweight and obesity in children aged 3-13 years in urban Cameroon: a cross-sectional study of prevalence and association with socio-economic status. <i>BMC Obesity</i> , 2017 , 4, 7	3.6	17
191	Polycystic Kidney Disease with Hyperinsulinemic Hypoglycemia Caused by a Promoter Mutation in Phosphomannomutase 2. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2529-2539	12.7	73
190	ACE Inhibitors and Statins in Adolescents with Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2017 , 377, 1733-1745	59.2	67

189	Characteristics of children who do not attend their hospital appointments, and GPs' response: a mixed methods study in primary and secondary care. <i>British Journal of General Practice</i> , 2017 , 67, e483-e489	1.6	8
188	Challenges in delivering a cooking-from-scratch community programme for childhood obesity. <i>Archives of Disease in Childhood</i> , 2017 , 102, 877-878	2.2	
187	Are food and drink retailers within NHS venues adhering to NICE Quality standard 94 guidance on childhood obesity? A cross-sectional study of two large secondary care NHS hospitals in England. <i>BMJ Open</i> , 2017 , 7, e018214	3	2
186	Obesity in adolescents with chronic fatigue syndrome: an observational study. <i>Archives of Disease in Childhood</i> , 2017 , 102, 35-39	2.2	12
185	Incidence and Clinical Associations of Childhood Acute Pancreatitis. <i>Pediatrics</i> , 2016 , 138,	7.4	17
184	High birth weight in a suburban hospital in Cameroon: an analysis of the clinical cut-off, prevalence, predictors and adverse outcomes. <i>BMJ Open</i> , 2016 , 6, e011517	3	14
183	A recurrent mitochondrial p.Trp22Arg NDUFB3 variant causes a distinctive facial appearance, short stature and a mild biochemical and clinical phenotype. <i>Journal of Medical Genetics</i> , 2016 , 53, 634-41	5.8	20
182	What change in body mass index is needed to improve metabolic health status in childhood obesity: protocol for a systematic review. <i>Systematic Reviews</i> , 2016 , 5, 120	3	3
181	Hyperglycaemia-induced chemoresistance in breast cancer cells: role of the estrogen receptor. <i>Endocrine-Related Cancer</i> , 2016 , 23, 125-34	5.7	17
180	The Measurement of Ammonia in Human Breath and its Potential in Clinical Diagnostics. <i>Critical Reviews in Analytical Chemistry</i> , 2016 , 46, 490-501	5.2	32
179	Cardiac autonomic dysfunction is associated with high-risk albumin-to-creatinine ratio in young adolescents with type 1 diabetes in AddIT (adolescent type 1 diabetes cardio-renal interventional trial). <i>Diabetes Care</i> , 2015 , 38, 676-81	14.6	19
178	Insulin and BMI as predictors of adult type 2 diabetes mellitus. <i>Pediatrics</i> , 2015 , 135, e144-51	7.4	33
177	Reduced beta-cell reserve and pancreatic volume in survivors of childhood acute lymphoblastic leukaemia treated with bone marrow transplantation and total body irradiation. <i>Clinical Endocrinology</i> , 2015 , 82, 59-67	3.4	28
176	Adolescents' views and experiences of treatments for Type 2 diabetes: a qualitative study. <i>Diabetic Medicine</i> , 2015 , 32, 250-6	3.5	8
175	Mutations in NLRP5 are associated with reproductive wastage and multilocus imprinting disorders in humans. <i>Nature Communications</i> , 2015 , 6, 8086	17.4	102
174	Reduced insulin sensitivity in childhood survivors of haematopoietic stem cell transplantation is associated with lipodystrophic and sarcopenic phenotypes. <i>Pediatric Blood and Cancer</i> , 2015 , 62, 1992-9	3	54
173	Adolescent experiences of anti-obesity drugs. <i>Clinical Obesity</i> , 2015 , 5, 116-26	3.6	8
172	Control of Body Weight by Eating Behavior in Children. <i>Frontiers in Pediatrics</i> , 2015 , 3, 89	3.4	7

171	Attitudes to Exercise and Diabetes in Young People with Type 1 Diabetes Mellitus: A Qualitative Analysis. <i>PLoS ONE</i> , 2015 , 10, e0137562	3.7	16
170	Reversible biological adaptations in obesity. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 314	18.1	3
169	Cost and effectiveness of treatment options for childhood obesity. <i>Pediatric Obesity</i> , 2014 , 9, e26-34	4.6	21
168	The HNF4A R76W mutation causes atypical dominant Fanconi syndrome in addition to a β -cell phenotype. <i>Journal of Medical Genetics</i> , 2014 , 51, 165-9	5.8	57
167	Adolescent Type 1 Diabetes Cardio-Renal Intervention Trial (AddIT): urinary screening and baseline biochemical and cardiovascular assessments. <i>Diabetes Care</i> , 2014 , 37, 805-13	14.6	49
166	Changing eating behaviours to treat childhood obesity in the community using Mandolean: the Community Mandolean randomised controlled trial (ComMando)--a pilot study. <i>Health Technology Assessment</i> , 2014 , 18, i-xxiii, 1-75	4.4	30
165	Longitudinal changes in body mass index following renal transplantation in UK children. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29, 196-203	4.3	14
164	Can foster care ever be justified for weight management?. <i>Archives of Disease in Childhood</i> , 2014 , 99, 297-9	2.2	12
163	Framework of outcome measures recommended for use in the evaluation of childhood obesity treatment interventions: the CoOR framework. <i>Pediatric Obesity</i> , 2014 , 9, e116-31	4.6	11
162	Identifying families' reasons for engaging or not engaging with childhood obesity services: A qualitative study. <i>Journal of Child Health Care</i> , 2014 , 18, 101-10	2	28
161	High intensity interval running enhances measures of physical fitness but not metabolic measures of cardiovascular disease risk in healthy adolescents. <i>BMC Public Health</i> , 2013 , 13, 498	4.1	41
160	Clinical presentation of 6q24 transient neonatal diabetes mellitus (6q24 TNDM) and genotype-phenotype correlation in an international cohort of patients. <i>Diabetologia</i> , 2013 , 56, 758-62	10.3	90
159	Targeted methylation testing of a patient cohort broadens the epigenetic and clinical description of imprinting disorders. <i>American Journal of Medical Genetics, Part A</i> , 2013 , 161A, 2174-82	2.5	65
158	KSR2 mutations are associated with obesity, insulin resistance, and impaired cellular fuel oxidation. <i>Cell</i> , 2013 , 155, 765-77	56.2	113
157	The impact of hyperglycemia on risk of infection and early death during induction therapy for acute lymphoblastic leukemia (ALL). <i>Pediatric Blood and Cancer</i> , 2013 , 60, E157-9	3	18
156	Clinical and molecular characterisation of hyperinsulinaemic hypoglycaemia in infants born small-for-gestational age. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013 , 98, F356-8	4.7	30
155	Clinical and molecular characterisation of 300 patients with congenital hyperinsulinism. <i>European Journal of Endocrinology</i> , 2013 , 168, 557-64	6.5	147
154	Early-onset, coexisting autoimmunity and decreased HLA-mediated susceptibility are the characteristics of diabetes in Down syndrome. <i>Diabetes Care</i> , 2013 , 36, 1181-5	14.6	27

153	Is labetalol really a culprit in neonatal hypoglycaemia?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013 , 98, F185	4.7	7
152	Serum levels of pigment epithelium-derived factor (PEDF) are positively associated with acanthosis nigricans in obese adolescents. <i>Diabetic Medicine</i> , 2012 , 29, e117-20	3.5	4
151	How does physical activity and fitness influence glycaemic control in young people with Type 1 diabetes?. <i>Diabetic Medicine</i> , 2012 , 29, e369-76	3.5	34
150	Children eat their school lunch too quickly: an exploratory study of the effect on food intake. <i>BMC Public Health</i> , 2012 , 12, 351	4.1	23
149	The role of pharmacotherapy in the prevention and treatment of paediatric metabolic syndrome--Implications for long-term health: part of a series on Pediatric Pharmacology, guest edited by Gianvincenzo Zuccotti, Emilio Clementi, and Massimo Molteni. <i>Pharmacological Research</i> , 2012 , 65, 397-401	10.2	7
148	Evaluating the transferability of a hospital-based childhood obesity clinic to primary care: a randomised controlled trial. <i>British Journal of General Practice</i> , 2012 , 62, e6-12	1.6	23
147	3-Hydroxyisobutyrate aciduria and mutations in the ALDH6A1 gene coding for methylmalonate semialdehyde dehydrogenase. <i>Journal of Inherited Metabolic Disease</i> , 2012 , 35, 437-42	5.4	28
146	Parents' views and experiences of childhood obesity management in primary care: a qualitative study. <i>Family Practice</i> , 2012 , 29, 476-81	1.9	40
145	Assessment of childhood obesity in secondary care: OSCA consensus statement. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2012 , 97, 98-105	0.5	26
144	Normalizing eating behavior reduces body weight and improves gastrointestinal hormonal secretion in obese adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E193-201	5.6	57
143	Is healthy eating for obese children necessarily more costly for families?. <i>British Journal of General Practice</i> , 2012 , 62, e1-5	1.6	19
142	GATA6 haploinsufficiency causes pancreatic agenesis in humans. <i>Nature Genetics</i> , 2011 , 44, 20-22	36.3	195
141	Barriers engaging families and GPs in childhood weight management strategies. <i>British Journal of General Practice</i> , 2011 , 61, e492-7	1.6	12
140	Blood pressure in children in relation to relative body fat composition and cardio-respiratory fitness. <i>Pediatric Obesity</i> , 2011 , 6, 275-84		3
139	Hyperinsulinaemic hypoglycaemia and diabetes mellitus due to dominant ABCC8/KCNJ11 mutations. <i>Diabetologia</i> , 2011 , 54, 2575-83	10.3	47
138	The Bristol Online Obesity Screening Tool: experience of using a screening tool for assessing obese children in primary care. <i>Primary Health Care Research and Development</i> , 2011 , 12, 293-300	1.6	7
137	Abnormal liver function in children with metabolic syndrome from a UK-based obesity clinic. <i>Archives of Disease in Childhood</i> , 2011 , 96, 1003-7	2.2	23
136	European Medicines Agency withdrawal for sibutramine. <i>Archives of Disease in Childhood</i> , 2010 , 95, 856	2.2	9

135	Hyperglycaemia confers resistance to chemotherapy on breast cancer cells: the role of fatty acid synthase. <i>Endocrine-Related Cancer</i> , 2010 , 17, 539-51	5.7	86
134	Maternal but not paternal association of ambulatory blood pressure with albumin excretion in young offspring with type 1 diabetes. <i>Diabetes Care</i> , 2010 , 33, 366-71	14.6	15
133	Diazoxide-responsive hyperinsulinemic hypoglycemia caused by HNF4A gene mutations. <i>European Journal of Endocrinology</i> , 2010 , 162, 987-92	6.5	98
132	A double heterozygote for familial hypercholesterolaemia and familial defective apolipoprotein B-100. <i>Annals of Clinical Biochemistry</i> , 2010 , 47, 487-90	2.2	15
131	What reduction in BMI SDS is required in obese adolescents to improve body composition and cardiometabolic health?. <i>Archives of Disease in Childhood</i> , 2010 , 95, 256-61	2.2	185
130	Large, rare chromosomal deletions associated with severe early-onset obesity. <i>Nature</i> , 2010 , 463, 666-70	5.4	417
129	6q24 transient neonatal diabetes. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2010 , 11, 199-204	10.5	59
128	A non-enzymatic function of 17beta-hydroxysteroid dehydrogenase type 10 is required for mitochondrial integrity and cell survival. <i>EMBO Molecular Medicine</i> , 2010 , 2, 51-62	12	70
127	Pancreatic hypoplasia presenting with neonatal diabetes mellitus in association with congenital heart defect and developmental delay. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 340-6	2.5	11
126	Children's and parents' views and experiences of attending a childhood obesity clinic: a qualitative study. <i>Primary Health Care Research and Development</i> , 2009 , 10, 236	1.6	19
125	Prevalence of abnormal lipid profiles and the relationship with the development of microalbuminuria in adolescents with type 1 diabetes. <i>Diabetes Care</i> , 2009 , 32, 658-63	14.6	74
124	Treatment of childhood obesity by retraining eating behaviour: randomised controlled trial. <i>BMJ, The</i> , 2009 , 340, b5388	5.9	127
123	Hyperinsulinism-hyperammonaemia syndrome: novel mutations in the GLUD1 gene and genotype-phenotype correlations. <i>European Journal of Endocrinology</i> , 2009 , 161, 731-5	6.5	65
122	Management and 1 year outcome for UK children with type 2 diabetes. <i>Archives of Disease in Childhood</i> , 2009 , 94, 206-9	2.2	38
121	Saturated fatty acids induce insulin resistance in human podocytes: implications for diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 3288-96	4.3	116
120	Hypercholesterolaemia in children guidelines review. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2009 , 94, 84-6	0.5	5
119	Protection from clinical peripheral sensory neuropathy in Alström syndrome in contrast to early-onset type 2 diabetes. <i>Diabetes Care</i> , 2009 , 32, 462-4	14.6	20
118	Hyperinsulinaemic hypoglycaemia. <i>Archives of Disease in Childhood</i> , 2009 , 94, 450-7	2.2	102

117	Adolescent type 1 Diabetes Cardio-renal Intervention Trial (AddIT). <i>BMC Pediatrics</i> , 2009 , 9, 79	2.6	52
116	Ambulatory blood pressure measurements are related to albumin excretion and are predictive for risk of microalbuminuria in young people with type 1 diabetes. <i>Diabetologia</i> , 2009 , 52, 1173-81	10.3	47
115	The diagnosis and management of monogenic diabetes in children and adolescents. <i>Pediatric Diabetes</i> , 2009 , 10 Suppl 12, 33-42	3.6	205
114	Clinical heterogeneity in patients with FOXP3 mutations presenting with permanent neonatal diabetes. <i>Diabetes Care</i> , 2009 , 32, 111-6	14.6	86
113	Practitioners' views on managing childhood obesity in primary care: a qualitative study. <i>British Journal of General Practice</i> , 2009 , 59, 856-62	1.6	44
112	Elevated glucose concentrations during an oral glucose tolerance test are associated with the presence of metabolic syndrome in childhood obesity. <i>Diabetic Medicine</i> , 2008 , 25, 289-95	3.5	8
111	Peripheral neuropathy is an early complication of type 2 diabetes in adolescence. <i>Pediatric Diabetes</i> , 2008 , 9, 110-4	3.6	21
110	Actions of IGF-I are differentially regulated by fatty acids in normal and breast cancer epithelial cells. <i>Breast Cancer Research</i> , 2008 , 10,	8.3	78
109	Teesside Schools Health Study: body mass index surveillance in special needs and mainstream school children. <i>Public Health</i> , 2008 , 122, 251-4	4	11
108	Effective treatment with oral sulfonylureas in patients with diabetes due to sulfonylurea receptor 1 (SUR1) mutations. <i>Diabetes Care</i> , 2008 , 31, 204-9	14.6	203
107	Mosaic paternal uniparental isodisomy and an ABCC8 gene mutation in a patient with permanent neonatal diabetes and hemihypertrophy. <i>Diabetes</i> , 2008 , 57, 255-8	0.9	12
106	Is there a place for bariatric surgery in treating childhood obesity?. <i>Archives of Disease in Childhood</i> , 2008 , 93, 369-72	2.2	14
105	Insulin mutation screening in 1,044 patients with diabetes: mutations in the INS gene are a common cause of neonatal diabetes but a rare cause of diabetes diagnosed in childhood or adulthood. <i>Diabetes</i> , 2008 , 57, 1034-42	0.9	299
104	A systematic review of the effect of dietary exposure that could be achieved through normal dietary intake on learning and performance of school-aged children of relevance to UK schools. <i>British Journal of Nutrition</i> , 2008 , 100, 927-36	3.6	38
103	Macrosomia and hyperinsulinaemic hypoglycaemia in patients with heterozygous mutations in the HNF4A gene. <i>PLoS Medicine</i> , 2007 , 4, e118	11.6	279
102	Fatty acid-induced defects in insulin signalling, in myotubes derived from children, are related to ceramide production from palmitate rather than the accumulation of intramyocellular lipid. <i>Journal of Cellular Physiology</i> , 2007 , 211, 244-52	7	58
101	Can we identify adolescents at high risk for nephropathy before the development of microalbuminuria?. <i>Diabetic Medicine</i> , 2007 , 24, 131-6	3.5	39
100	Which factors are associated with a successful outcome in a weight management programme for obese children?. <i>Journal of Evaluation in Clinical Practice</i> , 2007 , 13, 364-8	2.5	74

99	Clinical, enzymatic and molecular characterization of nine new patients with malonyl-coenzyme A decarboxylase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2007 , 30, 23-8	5.4	35
98	Mutations in ATP-sensitive K ⁺ channel genes cause transient neonatal diabetes and permanent diabetes in childhood or adulthood. <i>Diabetes</i> , 2007 , 56, 1930-7	0.9	273
97	Rising incidence of type 2 diabetes in children in the U.K. <i>Diabetes Care</i> , 2007 , 30, 1097-101	14.6	174
96	Fasting nonesterified fatty acid profiles in childhood and their relationship with adiposity, insulin sensitivity, and lipid levels. <i>Pediatrics</i> , 2007 , 120, e1426-33	7.4	43
95	Clinical measures of adiposity and percentage fat loss: which measure most accurately reflects fat loss and what should we aim for?. <i>Archives of Disease in Childhood</i> , 2007 , 92, 399-403	2.2	50
94	Imprinting in human disease with special reference to transient neonatal diabetes and Beckwith-Wiedemann syndrome. <i>Endocrine Development</i> , 2007 , 12, 113-123		25
93	Neonatal diabetes: how research unravelling the genetic puzzle has both widened our understanding of pancreatic development whilst improving children's quality of life. <i>Hormone Research in Paediatrics</i> , 2007 , 67, 77-83	3.3	11
92	Neonatal diabetes. <i>Hormone Research in Paediatrics</i> , 2007 , 68 Suppl 5, 32-6	3.3	4
91	Overview of neonatal diabetes. <i>Endocrine Development</i> , 2007 , 12, 12-23		15
90	Insulin pump therapy in neonatal diabetes. <i>Endocrine Development</i> , 2007 , 12, 67-74		24
89	Depot-specific effects of fatty acids on lipid accumulation in children's adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 356-61	3.4	12
88	Permanent neonatal diabetes caused by dominant, recessive, or compound heterozygous SUR1 mutations with opposite functional effects. <i>American Journal of Human Genetics</i> , 2007 , 81, 375-82	11	161
87	Mature subcutaneous and visceral adipocyte concentrations of adiponectin are highly correlated in prepubertal children and inversely related to body mass index standard deviation score. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 332-5	5.6	20
86	Sporadic intragenic inversion of the mitochondrial DNA MTND1 gene causing fatal infantile lactic acidosis. <i>Pediatric Research</i> , 2006 , 59, 440-4	3.2	13
85	Islet autoimmunity in children with Down's syndrome. <i>Diabetes</i> , 2006 , 55, 3185-8	0.9	33
84	Sensori-neural deafness and hypothyroidism: autoimmunity causing 'pseudo-Pendred syndrome'. <i>Hormone Research in Paediatrics</i> , 2006 , 65, 267-8	3.3	6
83	Fluorine-18 L-3,4-dihydroxyphenylalanine positron emission tomography: improving surgery and outcome in focal hyperinsulinism. Commentary to Mohnike et al.: Proposal for a standardized protocol for F-DOPA-PET (PET/CT) in congenital hyperinsulinism (Horm Res 2006;66:40-42). <i>Hormone Research in Paediatrics</i> , 2006 , 66, 43-4	3.3	3
82	Adipogenesis and IGF-1. <i>Metabolic Syndrome and Related Disorders</i> , 2006 , 4, 43-50	2.6	26

81	Switching from insulin to oral sulfonylureas in patients with diabetes due to Kir6.2 mutations. <i>New England Journal of Medicine</i> , 2006 , 355, 467-77	59.2	74 ^o
80	A POMC variant implicates beta-melanocyte-stimulating hormone in the control of human energy balance. <i>Cell Metabolism</i> , 2006 , 3, 135-40	24.6	179
79	ISPAD Clinical Practice Consensus Guidelines 2006-2007. The diagnosis and management of monogenic diabetes in children. <i>Pediatric Diabetes</i> , 2006 , 7, 352-60	3.6	108
78	Obesity and disability - a short review. <i>Obesity Reviews</i> , 2006 , 7, 341-5	10.6	87
77	Epimutation of the TNDM locus and the Beckwith-Wiedemann syndrome centromeric locus in individuals with transient neonatal diabetes mellitus. <i>Human Genetics</i> , 2006 , 119, 179-84	6.3	51
76	A maternal hypomethylation syndrome presenting as transient neonatal diabetes mellitus. <i>Human Genetics</i> , 2006 , 120, 262-9	6.3	139
75	Characterisation of morbidity in a UK, hospital based, obesity clinic. <i>Archives of Disease in Childhood</i> , 2006 , 91, 126-30	2.2	35
74	Site-specific differences of insulin action in adipose tissue derived from normal prepubertal children. <i>Experimental Cell Research</i> , 2005 , 308, 469-78	4.2	4
73	Mutations of the catalytic subunit of RAB3GAP cause Warburg Micro syndrome. <i>Nature Genetics</i> , 2005 , 37, 221-3	36.3	173
72	Physical activity patterns in nonobese and obese children assessed using minute-by-minute accelerometry. <i>International Journal of Obesity</i> , 2005 , 29, 1070-6	5.5	111
71	Isolation and validation of human prepubertal skeletal muscle cells: maturation and metabolic effects of IGF-I, IGFBP-3 and TNFalpha. <i>Journal of Physiology</i> , 2005 , 568, 229-42	3.9	20
70	Bisulphite sequencing of the transient neonatal diabetes mellitus DMR facilitates a novel diagnostic test but reveals no methylation anomalies in patients of unknown aetiology. <i>Human Genetics</i> , 2005 , 116, 255-61	6.3	51
69	Bone marrow transplantation correcting beta-galactosidase activity does not influence neurological outcome in juvenile GM1-gangliosidosis. <i>Journal of Inherited Metabolic Disease</i> , 2005 , 28, 797-8	5.4	30
68	Relapsing diabetes can result from moderately activating mutations in KCNJ11. <i>Human Molecular Genetics</i> , 2005 , 14, 925-34	5.6	165
67	Characterization of differentiated subcutaneous and visceral adipose tissue from children: the influences of TNF-alpha and IGF-I. <i>Journal of Lipid Research</i> , 2005 , 46, 93-103	6.3	52
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