

Julian Hamilton-Shield

List of Publications by Citations

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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	Activating mutations in the gene encoding the ATP-sensitive potassium-channel subunit Kir6.2 and permanent neonatal diabetes. <i>New England Journal of Medicine</i> , 2004 , 350, 1838-49	59.2	930
223	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	740
222	Large, rare chromosomal deletions associated with severe early-onset obesity. <i>Nature</i> , 2010 , 463, 666-70	50.4	417
221	Impaired fatty acid oxidation in propofol infusion syndrome. <i>Lancet, The</i> , 2001 , 357, 606-7	40	373
220	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
219	Macrosomia and hyperinsulinaemic hypoglycaemia in patients with heterozygous mutations in the HNF4A gene. <i>PLoS Medicine</i> , 2007 , 4, e118	11.6	279
218	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
217	Transient neonatal diabetes: widening the understanding of the etiopathogenesis of diabetes. <i>Diabetes</i> , 2000 , 49, 1359-66	0.9	214
216	The diagnosis and management of monogenic diabetes in children and adolescents. <i>Pediatric Diabetes</i> , 2009 , 10 Suppl 12, 33-42	3.6	205
215	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
214	Parameters for reliable results in genetic association studies in common disease. <i>Nature Genetics</i> , 2002 , 30, 149-50	36.3	198
213	GATA6 haploinsufficiency causes pancreatic agenesis in humans. <i>Nature Genetics</i> , 2011 , 44, 20-22	36.3	195
212	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
211	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
210	An imprinted gene(s) for diabetes?. <i>Nature Genetics</i> , 1995 , 9, 110-2	36.3	177
209	Rising incidence of type 2 diabetes in children in the U.K. <i>Diabetes Care</i> , 2007 , 30, 1097-101	14.6	174
208	Mutations of the catalytic subunit of RAB3GAP cause Warburg Micro syndrome. <i>Nature Genetics</i> , 2005 , 37, 221-3	36.3	173

207	Relapsing diabetes can result from moderately activating mutations in KCNJ11. <i>Human Molecular Genetics</i> , 2005 , 14, 925-34	5.6	165
206	An imprinted locus associated with transient neonatal diabetes mellitus. <i>Human Molecular Genetics</i> , 2000 , 9, 589-96	5.6	165
205	Insulin VNTR allele-specific effect in type 1 diabetes depends on identity of untransmitted paternal allele. The IMDIAB Group. <i>Nature Genetics</i> , 1997 , 17, 350-2	36.3	163
204	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
203	Type 2 diabetes in obese white children. <i>Archives of Disease in Childhood</i> , 2002 , 86, 207-8	2.2	159
202	Transient neonatal diabetes, a disorder of imprinting. <i>Journal of Medical Genetics</i> , 2002 , 39, 872-5	5.8	149
201	Clinical and molecular characterisation of 300 patients with congenital hyperinsulinism. <i>European Journal of Endocrinology</i> , 2013 , 168, 557-64	6.5	147
200	A maternal hypomethylation syndrome presenting as transient neonatal diabetes mellitus. <i>Human Genetics</i> , 2006 , 120, 262-9	6.3	139
199	Treatment of childhood obesity by retraining eating behaviour: randomised controlled trial. <i>BMJ, The</i> , 2009 , 340, b5388	5.9	127
198	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
197	Further evidence for an imprinted gene for neonatal diabetes localised to chromosome 6q22-q23. <i>Human Molecular Genetics</i> , 1996 , 5, 1117-21	5.6	115
196	KSR2 mutations are associated with obesity, insulin resistance, and impaired cellular fuel oxidation. <i>Cell</i> , 2013 , 155, 765-77	56.2	113
195	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
194	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
193	Impaired glucose homeostasis in transgenic mice expressing the human transient neonatal diabetes mellitus locus, TNDM. <i>Journal of Clinical Investigation</i> , 2004 , 114, 339-348	15.9	108
192	Mutations in NLRP5 are associated with reproductive wastage and multilocus imprinting disorders in humans. <i>Nature Communications</i> , 2015 , 6, 8086	17.4	102
191	Hyperinsulinaemic hypoglycaemia. <i>Archives of Disease in Childhood</i> , 2009 , 94, 450-7	2.2	102
190	Aetiopathology and genetic basis of neonatal diabetes. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 1997 , 76, F39-42	4.7	101

189	Diazoxide-responsive hyperinsulinemic hypoglycemia caused by HNF4A gene mutations. <i>European Journal of Endocrinology</i> , 2010 , 162, 987-92	6.5	98
188	Symptomatic adrenal insufficiency presenting with hypoglycaemia in children with asthma receiving high dose inhaled fluticasone propionate. <i>BMJ, The</i> , 2002 , 324, 1081-2	5.9	98
187	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
186	Obesity and disability - a short review. <i>Obesity Reviews</i> , 2006 , 7, 341-5	10.6	87
185	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
184	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
183	Clinical heterogeneity in patients with FOXP3 mutations presenting with permanent neonatal diabetes. <i>Diabetes Care</i> , 2009 , 32, 111-6	14.6	86
182	Neonatal and very-early-onset diabetes mellitus. <i>Seminars in Fetal and Neonatal Medicine</i> , 2004 , 9, 59-65		86
181	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
180	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
179	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
178	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
177	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
176	Relaxation of imprinted expression of ZAC and HYMAI in a patient with transient neonatal diabetes mellitus. <i>Human Genetics</i> , 2002 , 110, 139-44	6.3	70
175	ACE Inhibitors and Statins in Adolescents with Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2017 , 377, 1733-1745	59.2	67
174	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
173	Evidence by allelic association-dependent methods for a type 1 diabetes polygene (IDDM6) on chromosome 18q21. <i>Human Molecular Genetics</i> , 1997 , 6, 1003-10	5.6	66
172	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

171	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
170	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
169	Suggestive evidence for association of human chromosome 18q12-q21 and its orthologue on rat and mouse chromosome 18 with several autoimmune diseases. <i>Diabetes</i> , 2001 , 50, 184-94	0.9	61
168	6q24 transient neonatal diabetes. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2010 , 11, 199-204	10.5	59
167	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
166	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
165	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
164	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
163	Adolescent type 1 Diabetes Cardio-renal Intervention Trial (AddIT). <i>BMC Pediatrics</i> , 2009 , 9, 79	2.6	52
162	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
161	Fine mapping of the diabetes-susceptibility locus, IDDM4, on chromosome 11q13. <i>American Journal of Human Genetics</i> , 1998 , 63, 547-56	11	51
160	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
159	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
158	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
157	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
156	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
155	Hyperinsulinaemic hypoglycaemia and diabetes mellitus due to dominant ABCC8/KCNJ11 mutations. <i>Diabetologia</i> , 2011 , 54, 2575-83	10.3	47
154	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

153	Bovine colostrum immunoglobulin concentrate for cryptosporidiosis in AIDS. <i>Archives of Disease in Childhood</i> , 1993 , 69, 451-3	2.2	45
152	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
151	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
150	The relationship of genotype to cognitive outcome in galactosaemia. <i>Archives of Disease in Childhood</i> , 2000 , 83, 248-50	2.2	43
149	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
148	A case-control study of environmental factors associated with diabetes in the under 5s. <i>Diabetic Medicine</i> , 1997 , 14, 390-6	3.5	41
147	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
146	Neonatal diabetes: new insights into aetiology and implications. <i>Hormone Research in Paediatrics</i> , 2000 , 53 Suppl 1, 7-11	3.3	40
145	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
144	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
143	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
142	An assessment of pancreatic endocrine function and insulin sensitivity in patients with transient neonatal diabetes in remission. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2004 , 89, F341-3	4.7	38
141	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
140	Characterisation of morbidity in a UK, hospital based, obesity clinic. <i>Archives of Disease in Childhood</i> , 2006 , 91, 126-30	2.2	35
139	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
138	Insulin and BMI as predictors of adult type 2 diabetes mellitus. <i>Pediatrics</i> , 2015 , 135, e144-51	7.4	33
137	Islet autoimmunity in children with Down's syndrome. <i>Diabetes</i> , 2006 , 55, 3185-8	0.9	33
136	Transmission of haplotypes of microsatellite markers rather than single marker alleles in the mapping of a putative type 1 diabetes susceptibility gene (IDDM6). <i>Human Molecular Genetics</i> , 1998 , 7, 517-24	5.6	32

135	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
134	Micro syndrome in Muslim Pakistan children. <i>Ophthalmology</i> , 2001 , 108, 491-7	7.3	31
133	Is microalbuminuria progressive?. <i>Archives of Disease in Childhood</i> , 1995 , 73, 512-4	2.2	31
132	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
131	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
130	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
129	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
128	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
127	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
126	Paternal uniparental disomy of chromosome 6 and transient neonatal diabetes mellitus. <i>Clinical Genetics</i> , 1998 , 54, 522-5	4	28
125	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
124	Is disomic homozygosity at the APECED locus the cause of increased autoimmunity in Down's syndrome?. <i>Archives of Disease in Childhood</i> , 1999 , 81, 147-50	2.2	27
123	Screening for diabetic microalbuminuria in routine clinical care: which method?. <i>Archives of Disease in Childhood</i> , 1995 , 72, 524-5	2.2	27
122	Immunodeficiency presenting as hypergammaglobulinaemia with IgG2 subclass deficiency. <i>Lancet, The</i> , 1992 , 340, 448-50	4.0	27
121	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
120	Adipogenesis and IGF-1. <i>Metabolic Syndrome and Related Disorders</i> , 2006 , 4, 43-50	2.6	26
119	Imprinting in human disease with special reference to transient neonatal diabetes and Beckwith-Wiedemann syndrome. <i>Endocrine Development</i> , 2007 , 12, 113-123		25
118	Insulin pump therapy in neonatal diabetes. <i>Endocrine Development</i> , 2007 , 12, 67-74		24

117	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
116	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
115	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
114	Audit of diabetes care by caseload. <i>Archives of Disease in Childhood</i> , 1997 , 77, 102-7; discussion 107-8	2.2	23
113	Beta-cell dysfunction in classic transient neonatal diabetes is characterized by impaired insulin response to glucose but normal response to glucagon. <i>Diabetes Care</i> , 2004 , 27, 2405-8	14.6	23
112	Cost and effectiveness of treatment options for childhood obesity. <i>Pediatric Obesity</i> , 2014 , 9, e26-34	4.6	21
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	Social disadvantage, family composition, and diabetes mellitus: prevalence and outcome. <i>Archives of Disease in Childhood</i> , 1998 , 79, 427-30	2.2	21
109	Fructosamine and glycated haemoglobin in the assessment of long term glycaemic control in diabetes. <i>Archives of Disease in Childhood</i> , 1994 , 71, 443-5	2.2	21
108	A recurrent mitochondrial p.Trp22Arg NDUF3B 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
107	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
106	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
105	Isolation and validation of human prepubertal skeletal muscle cells: maturation and metabolic effects of IGF-I, IGFBP-3 and TNF α . <i>Journal of Physiology</i> , 2005 , 568, 229-42	3.9	20
104	Are frozen urine samples acceptable for estimating albumin excretion in research?. <i>Diabetic Medicine</i> , 1995 , 12, 713-6	3.5	20
103	Insulin dependent diabetes in children under 5: incidence and ascertainment validation for 1992. <i>BMJ: British Medical Journal</i> , 1995 , 310, 700-3		20
102	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
101	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
100	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

99	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
98	Cryptosporidiosis--an educational experience. <i>Journal of Infection</i> , 1990 , 21, 297-301	18.9	18
97	Enablers and barriers to treatment adherence in heterozygous familial hypercholesterolaemia: a qualitative evidence synthesis. <i>BMJ Open</i> , 2019 , 9, e030290	3	18
96	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
95	Incidence and Clinical Associations of Childhood Acute Pancreatitis. <i>Pediatrics</i> , 2016 , 138,	7.4	17
94	Hyperglycaemia-induced chemoresistance in breast cancer cells: role of the estrogen receptor. <i>Endocrine-Related Cancer</i> , 2016 , 23, 125-34	5.7	17
93	Prevalence of abnormal urinary albumin excretion in adolescents and children with insulin dependent diabetes: the MIDAC study. Microalbuminuria in Diabetic Adolescents and Children (MIDAC) research group. <i>Archives of Disease in Childhood</i> , 2000 , 83, 239-43	2.2	17
92	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
91	Is transient neonatal diabetes a risk factor for diabetes in later life?. <i>Lancet, The</i> , 1993 , 341, 693	40	16
90	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
89	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
88	Overview of neonatal diabetes. <i>Endocrine Development</i> , 2007 , 12, 12-23		15
87	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
86	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
85	Longitudinal changes in body mass index following renal transplantation in UK children. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29, 196-203	4.3	14
84	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
83	Deliberate sulphonylurea poisoning mimicking hyperinsulinaemia of infancy. <i>Archives of Disease in Childhood</i> , 2000 , 82, 392-3	2.2	14
82	Foot pathology in insulin dependent diabetes. <i>Archives of Disease in Childhood</i> , 1995 , 73, 151-3	2.2	14

81	Slow Down: Behavioural and Physiological Effects of Reducing Eating Rate. <i>Nutrients</i> , 2018 , 11,	6.7	14
80	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
79	Parental beliefs about portion size, not children's own beliefs, predict child BMI. <i>Pediatric Obesity</i> , 2018 , 13, 232-238	4.6	13
78	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
77	Acute respiratory distress syndrome in long-chain 3-hydroxyacyl-CoA dehydrogenase and mitochondrial trifunctional protein deficiencies. <i>Journal of Inherited Metabolic Disease</i> , 2003 , 26, 537-41	5.4	13
76	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
75	Obesity in adolescents with chronic fatigue syndrome: an observational study. <i>Archives of Disease in Childhood</i> , 2017 , 102, 35-39	2.2	12
74	Can foster care ever be justified for weight management?. <i>Archives of Disease in Childhood</i> , 2014 , 99, 297-9	2.2	12
73	Barriers engaging families and GPs in childhood weight management strategies. <i>British Journal of General Practice</i> , 2011 , 61, e492-7	1.6	12
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	Neonatal diabetes mellitus. <i>Pediatric Diabetes</i> , 2002 , 3, 109-12	3.6	10
64	Renal cell carcinoma in childhood. <i>Pediatric Radiology</i> , 1992 , 22, 203-5	2.8	10

63	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
62	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
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