

Yung Seng Lee

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2995084/yung-seng-lee-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

216
papers

4,509
citations

35
h-index

56
g-index

231
ext. papers

5,572
ext. citations

5
avg, IF

5.29
L-index

#	Paper	IF	Citations
216	Cohort profile: Growing Up in Singapore Towards healthy Outcomes (GUSTO) birth cohort study. <i>International Journal of Epidemiology</i> , 2014 , 43, 1401-9	7.8	278
215	Engineered probiotic <i>Escherichia coli</i> can eliminate and prevent <i>Pseudomonas aeruginosa</i> gut infection in animal models. <i>Nature Communications</i> , 2017 , 8, 15028	17.4	205
214	Dynamics of infant gut microbiota are influenced by delivery mode and gestational duration and are associated with subsequent adiposity. <i>MBio</i> , 2015 , 6,	7.8	200
213	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
212	Engineered commensal microbes for diet-mediated colorectal-cancer chemoprevention. <i>Nature Biomedical Engineering</i> , 2018 , 2, 27-37	19	106
211	Phenotypic variability in 17beta-hydroxysteroid dehydrogenase-3 deficiency and diagnostic pitfalls. <i>Clinical Endocrinology</i> , 2007 , 67, 20-8	3.4	99
210	Microbiome engineering: Current applications and its future. <i>Biotechnology Journal</i> , 2017 , 12, 1600099	5.6	95
209	Relationships of maternal folate and vitamin B12 status during pregnancy with perinatal depression: The GUSTO study. <i>Journal of Psychiatric Research</i> , 2014 , 55, 110-6	5.2	84
208	Correlation between genotype, phenotype and sex of rearing in 111 patients with partial androgen insensitivity syndrome. <i>Clinical Endocrinology</i> , 2005 , 63, 56-62	3.4	84
207	The role of melanocortin 3 receptor gene in childhood obesity. <i>Diabetes</i> , 2007 , 56, 2622-30	0.9	76
206	Developmental pathways to adiposity begin before birth and are influenced by genotype, prenatal environment and epigenome. <i>BMC Medicine</i> , 2017 , 15, 50	11.4	67
205	Rate of establishing the gut microbiota in infancy has consequences for future health. <i>Gut Microbes</i> , 2015 , 6, 321-5	8.8	64
204	Faster eating rates are associated with higher energy intakes during an ad libitum meal, higher BMI and greater adiposity among 4½-year-old children: results from the Growing Up in Singapore Towards Healthy Outcomes (GUSTO) cohort. <i>British Journal of Nutrition</i> , 2017 , 117, 1042-1051	3.6	61
203	HIF3A association with adiposity: the story begins before birth. <i>Epigenomics</i> , 2015 , 7, 937-50	4.4	55
202	ANRIL Promoter DNA Methylation: A Perinatal Marker for Later Adiposity. <i>EBioMedicine</i> , 2017 , 19, 60-728.8		49
201	Automated segmentation of visceral and subcutaneous (deep and superficial) adipose tissues in normal and overweight men. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 924-34	5.6	49
200	Adhesion molecules in skeletogenesis: I. Transient expression of neural cell adhesion molecules (NCAM) in osteoblasts during endochondral and intramembranous ossification. <i>Journal of Bone and Mineral Research</i> , 1992 , 7, 1435-46	6.3	47

199	The association of maternal vitamin D status with infant birth outcomes, postnatal growth and adiposity in the first 2 years of life in a multi-ethnic Asian population: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) cohort study. <i>British Journal of Nutrition</i> , 2016 , 116, 621-31	3.6	47
198	Consequences of childhood obesity. <i>Annals of the Academy of Medicine, Singapore</i> , 2009 , 38, 75-7	2.8	47
197	The relationship between growth spurts and myopia in Singapore children 2012 , 53, 7961-6		45
196	A vegetable, fruit, and white rice dietary pattern during pregnancy is associated with a lower risk of preterm birth and larger birth size in a multiethnic Asian cohort: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) cohort study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1416-1423	7	44
195	Ethnic differences translate to inadequacy of high-risk screening for gestational diabetes mellitus in an Asian population: a cohort study. <i>BMC Pregnancy and Childbirth</i> , 2014 , 14, 345	3.2	44
194	Effect of maternal glycemia on neonatal adiposity in a multiethnic Asian birth cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 240-7	5.6	42
193	Prospective associations of appetitive traits at 3 and 12 months of age with body mass index and weight gain in the first 2 years of life. <i>BMC Pediatrics</i> , 2015 , 15, 153	2.6	40
192	Relative Contribution of Risk Factors for Early-Onset Myopia in Young Asian Children 2015 , 56, 8101-7		40
191	The relation between birth size and the results of refractive error and biometry measurements in children. <i>British Journal of Ophthalmology</i> , 2004 , 88, 538-42	5.5	40
190	High folate and low vitamin B12 status during pregnancy is associated with gestational diabetes mellitus. <i>Clinical Nutrition</i> , 2018 , 37, 940-947	5.9	39
189	Cyclic pamidronate infusion improves bone mineralisation and reduces fracture incidence in osteogenesis imperfecta. <i>European Journal of Pediatrics</i> , 2001 , 160, 641-4	4.1	39
188	A description of an 'obesogenic' eating style that promotes higher energy intake and is associated with greater adiposity in 4.5-year-old children: Results from the GUSTO cohort. <i>Physiology and Behavior</i> , 2017 , 176, 107-116	3.5	38
187	Reprogramming Probiotic <i>Lactobacillus reuteri</i> as a Biosensor for <i>Staphylococcus aureus</i> Derived AIP-I Detection. <i>ACS Synthetic Biology</i> , 2018 , 7, 1229-1237	5.7	38
186	Maternal Protein Intake during Pregnancy Is Not Associated with Offspring Birth Weight in a Multiethnic Asian Population. <i>Journal of Nutrition</i> , 2015 , 145, 1303-10	4.1	38
185	Mutations in the amino-terminal region of proopiomelanocortin (POMC) in patients with early-onset obesity impair POMC sorting to the regulated secretory pathway. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4494-9	5.6	38
184	Associations of Maternal Dietary Patterns during Pregnancy with Offspring Adiposity from Birth Until 54 Months of Age. <i>Nutrients</i> , 2016 , 9,	6.7	37
183	Genital anomalies in Klinefelter's syndrome. <i>Hormone Research in Paediatrics</i> , 2007 , 68, 150-5	3.3	37
182	Sequential chemotherapy/radiotherapy was comparable with concurrent chemoradiotherapy for stage I/II NK/T-cell lymphoma. <i>Annals of Oncology</i> , 2018 , 29, 256-263	10.3	36

181	Sleep duration and growth outcomes across the first two years of life in the GUSTO study. <i>Sleep Medicine</i> , 2015 , 16, 1281-6	4.6	35
180	Does the maternal vaginal microbiota play a role in seeding the microbiota of neonatal gut and nose?. <i>Beneficial Microbes</i> , 2017 , 8, 763-778	4.9	34
179	Associations of maternal macronutrient intake during pregnancy with infant BMI peak characteristics and childhood BMI. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 705-713	7	33
178	The transcription factor SOX6 contributes to the developmental origins of obesity by promoting adipogenesis. <i>Development (Cambridge)</i> , 2016 , 143, 950-61	6.6	33
177	Association of Maternal Vitamin D Status with Glucose Tolerance and Caesarean Section in a Multi-Ethnic Asian Cohort: The Growing Up in Singapore Towards Healthy Outcomes Study. <i>PLoS ONE</i> , 2015 , 10, e0142239	3.7	33
176	Associations of gestational glycemia and prepregnancy adiposity with offspring growth and adiposity in an Asian population. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1104-12	7	31
175	Modifiable risk factors in the first 1000 days for subsequent risk of childhood overweight in an Asian cohort: significance of parental overweight status. <i>International Journal of Obesity</i> , 2018 , 42, 44-51 ⁵	5.5	30
174	Body fat partitioning does not explain the interethnic variation in insulin sensitivity among Asian ethnicity: the Singapore adults metabolism study. <i>Diabetes</i> , 2014 , 63, 1093-102	0.9	30
173	Maternal folate status, but not that of vitamins B-12 or B-6, is associated with gestational age and preterm birth risk in a multiethnic Asian population. <i>Journal of Nutrition</i> , 2015 , 145, 113-20	4.1	30
172	Infant body mass index peak and early childhood cardio-metabolic risk markers in a multi-ethnic Asian birth cohort. <i>International Journal of Epidemiology</i> , 2017 , 46, 513-525	7.8	29
171	Adherence to a healthy eating index for pregnant women is associated with lower neonatal adiposity in a multiethnic Asian cohort: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) Study. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 71-79	7	28
170	Ethnic differences in insulin sensitivity and beta-cell function among Asian men. <i>Nutrition and Diabetes</i> , 2015 , 5, e173	4.7	27
169	Eating in the absence of hunger: Stability over time and associations with eating behaviours and body composition in children. <i>Physiology and Behavior</i> , 2018 , 192, 82-89	3.5	27
168	Health Promotion Board-Ministry of Health Clinical Practice Guidelines: Obesity. <i>Singapore Medical Journal</i> , 2016 , 57, 292-300	1.9	27
167	Targeted Approaches for In Situ Gut Microbiome Manipulation. <i>Genes</i> , 2018 , 9,	4.2	26
166	Homocysteine induces COX-2 expression in macrophages through ROS generated by NMDA receptor-calcium signaling pathways. <i>Free Radical Research</i> , 2013 , 47, 422-31	4	26
165	The role of digestive factors in determining glycemic response in a multiethnic Asian population. <i>European Journal of Nutrition</i> , 2016 , 55, 1573-81	5.2	25
164	Factors associated with psychological distress, behavioral impact and health-related quality of life among patients with type 2 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 378-83 ^{3,2}		25

163	Body fat in Singaporean infants: development of body fat prediction equations in Asian newborns. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 922-7	5.2	25
162	Which anthropometric measures best reflect neonatal adiposity?. <i>International Journal of Obesity</i> , 2018 , 42, 501-506	5.5	24
161	Novel melanocortin 4 receptor gene mutations in severely obese children. <i>Clinical Endocrinology</i> , 2008 , 68, 529-35	3.4	24
160	Maternal Macronutrient Intake during Pregnancy Is Associated with Neonatal Abdominal Adiposity: The Growing Up in Singapore Towards healthy Outcomes (GUSTO) Study. <i>Journal of Nutrition</i> , 2016 , 146, 1571-9	4.1	24
159	Association of Elective and Emergency Cesarean Delivery With Early Childhood Overweight at 12 Months of Age. <i>JAMA Network Open</i> , 2018 , 1, e185025	10.4	23
158	Abdominal adipose tissue compartments vary with ethnicity in Asian neonates: Growing Up in Singapore Toward Healthy Outcomes birth cohort study. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1311-7	7	22
157	Demographic Characteristics, Health Behaviors Before and During Pregnancy, and Pregnancy and Birth Outcomes in Mothers with Different Pregnancy Planning Status. <i>Prevention Science</i> , 2016 , 17, 960-969	4.9	22
156	The association between chronotype and sleep problems in preschool children. <i>Sleep Medicine</i> , 2017 , 30, 240-244	4.6	21
155	Psychometric Properties of the Problem Areas in Diabetes (PAID) Instrument in Singapore. <i>PLoS ONE</i> , 2015 , 10, e0136759	3.7	21
154	Gestational age and neonatal brain microstructure in term born infants: a birth cohort study. <i>PLoS ONE</i> , 2014 , 9, e115229	3.7	21
153	Pid1 induces insulin resistance in both human and mouse skeletal muscle during obesity. <i>Molecular Endocrinology</i> , 2013 , 27, 1518-35		21
152	The role of genes in the current obesity epidemic. <i>Annals of the Academy of Medicine, Singapore</i> , 2009 , 38, 45-3	2.8	21
151	Oral processing behaviours that promote children's energy intake are associated with parent-reported appetitive traits: Results from the GUSTO cohort. <i>Appetite</i> , 2018 , 126, 8-15	4.5	20
150	Body mass index trajectories in the first two years and subsequent childhood cardio-metabolic outcomes: a prospective multi-ethnic Asian cohort study. <i>Scientific Reports</i> , 2017 , 7, 8424	4.9	20
149	Maternal thyrotoxicosis causing central hypothyroidism in infants. <i>Journal of Paediatrics and Child Health</i> , 2002 , 38, 206-8	1.3	20
148	Prospective associations of maternal betaine status with offspring weight and body composition at birth: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) cohort study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1327-1333	7	20
147	Thrombotic microangiopathy during carfilzomib use: case series in Singapore. <i>Blood Cancer Journal</i> , 2016 , 6, e450	7	19
146	Female adiposity and time-to-pregnancy: a multiethnic prospective cohort. <i>Human Reproduction</i> , 2018 , 33, 2141-2149	5.7	19

145	Higher Maternal Dietary Protein Intake Is Associated with a Higher Risk of Gestational Diabetes Mellitus in a Multiethnic Asian Cohort. <i>Journal of Nutrition</i> , 2017 , 147, 653-660	4.1	18
144	Glycaemic and insulin responses, glycaemic index and insulinaemic index values of rice between three Asian ethnic groups. <i>British Journal of Nutrition</i> , 2015 , 113, 1228-36	3.6	18
143	Choice of surrogate tissue influences neonatal EWAS findings. <i>BMC Medicine</i> , 2017 , 15, 211	11.4	18
142	Mitochondrial tubulopathy: the many faces of mitochondrial disorders. <i>Pediatric Nephrology</i> , 2001 , 16, 710-2	3.2	18
141	Influence of metabolic-linked early life factors on the eruption timing of the first primary tooth. <i>Clinical Oral Investigations</i> , 2016 , 20, 1871-1879	4.2	17
140	Molecular pathways reflecting poor intrauterine growth are found in Wharton's jelly-derived mesenchymal stem cells. <i>Human Reproduction</i> , 2014 , 29, 2287-301	5.7	17
139	Identification of Caries Risk Determinants in Toddlers: Results of the GUSTO Birth Cohort Study. <i>Caries Research</i> , 2017 , 51, 271-282	4.2	16
138	Long-chain polyunsaturated fatty acids, gestation duration, and birth size: a Mendelian randomization study using fatty acid desaturase variants. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 92-100	7	16
137	Associations between ethnicity, body composition, and bone mineral density in a Southeast Asian population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4516-23	5.6	16
136	Prevalence of ICA and GAD antibodies at initial presentation of type 1 diabetes mellitus in Singapore children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2001 , 14, 767-72	1.6	16
135	Postnatal height and adiposity gain, childhood blood pressure and prehypertension risk in an Asian birth cohort. <i>International Journal of Obesity</i> , 2017 , 41, 1011-1017	5.5	15
134	Maternal plasma phosphatidylcholine polyunsaturated fatty acids during pregnancy and offspring growth and adiposity. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017 , 121, 21-29	2.8	15
133	Eating behaviors moderate the associations between risk factors in the first 1000 days and adiposity outcomes at 6 years of age. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 997-1006	7	15
132	Implication of gut microbiota in the association between infant antibiotic exposure and childhood obesity and adiposity accumulation. <i>International Journal of Obesity</i> , 2020 , 44, 1508-1520	5.5	15
131	Engineering microbes for targeted strikes against human pathogens. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2719-2733	10.3	15
130	Visfatin and its genetic variants are associated with obesity-related morbidities and cardiometabolic risk in severely obese children. <i>Pediatric Obesity</i> , 2014 , 9, 81-91	4.6	15
129	Association of raised liver transaminases with physical inactivity, increased waist-hip ratio, and other metabolic morbidities in severely obese children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008 , 47, 172-8	2.8	15
128	Maternal feeding practices in relation to dietary intakes and BMI in 5 year-olds in a multi-ethnic Asian population. <i>PLoS ONE</i> , 2018 , 13, e0203045	3.7	15

127	Maternal PUFA status and offspring allergic diseases up to the age of 18 months. <i>British Journal of Nutrition</i> , 2015 , 113, 975-83	3.6	14
126	Can the retinal microvasculature offer clues to cardiovascular risk factors in early life?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2013 , 102, 941-6	3.1	14
125	Plasma Vitamin D Deficiency Is Associated With Poor Sleep Quality and Night-Time Eating at Mid-Pregnancy in Singapore. <i>Nutrients</i> , 2017 , 9,	6.7	14
124	Transcriptome changes affecting Hedgehog and cytokine signalling in the umbilical cord: implications for disease risk. <i>PLoS ONE</i> , 2012 , 7, e39744	3.7	14
123	Molecular analysis of CYP-21 mutations for congenital adrenal hyperplasia in Singapore. <i>Hormone Research in Paediatrics</i> , 2001 , 55, 179-84	3.3	14
122	Predominantly night-time feeding and maternal glycaemic levels during pregnancy. <i>British Journal of Nutrition</i> , 2016 , 115, 1563-1570	3.6	14
121	Associations of infant milk feed type on early postnatal growth of offspring exposed and unexposed to gestational diabetes in utero. <i>European Journal of Nutrition</i> , 2017 , 56, 55-64		13
120	Prospective associations between parental feeding practices and children's oral processing behaviours. <i>Maternal and Child Nutrition</i> , 2019 , 15, e12635	3.4	13
119	Genetics of nonsyndromic obesity. <i>Current Opinion in Pediatrics</i> , 2013 , 25, 666-73	3.2	13
118	Effect of maternal body mass index on the retinal microvasculature in pregnancy. <i>Obstetrics and Gynecology</i> , 2012 , 120, 627-35	4.9	13
117	Association Between Early Life Weight Gain and Abdominal Fat Partitioning at 4.5 Years is Sex, Ethnicity, and Age Dependent. <i>Obesity</i> , 2019 , 27, 470-478	8	12
116	Ethnic Differences in the Role of Adipocytokines Linking Abdominal Adiposity and Insulin Sensitivity Among Asians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 4249-56	5.6	12
115	Ethnic Differences in Effects of Maternal Pre-Pregnancy and Pregnancy Adiposity on Offspring Size and Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3641-50	5.6	12
114	Ethnic diversity in infant gut microbiota is apparent before the introduction of complementary diets. <i>Gut Microbes</i> , 2020 , 11, 1362-1373	8.8	12
113	Sexually dimorphic response to feeding mode in the growth of infants. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 398-405	7	12
112	Dietary disinhibition modulates neural valuation of food in the fed and fasted states. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 919-25	7	12
111	Differences in AMY1 Gene Copy Numbers Derived from Blood, Buccal Cells and Saliva Using Quantitative and Droplet Digital PCR Methods: Flagging the Pitfall. <i>PLoS ONE</i> , 2017 , 12, e0170767	3.7	12
110	Estimation of fat-free mass in Asian neonates using bioelectrical impedance analysis. <i>British Journal of Nutrition</i> , 2016 , 115, 1033-42	3.6	12

109	Longitudinal Analysis Between Maternal Feeding Practices and Body Mass Index (BMI): A Study in Asian Singaporean Preschoolers. <i>Frontiers in Nutrition</i> , 2019 , 6, 32	6.2	11
108	Validation of the Children's Eating Behavior Questionnaire in 5 and 6 Year-Old Children: The GUSTO Cohort Study. <i>Frontiers in Psychology</i> , 2019 , 10, 824	3.4	11
107	Associations between inhibitory control, eating behaviours and adiposity in 6-year-old children. <i>International Journal of Obesity</i> , 2019 , 43, 1344-1353	5.5	11
106	MC3R gene polymorphisms are associated with early childhood adiposity gain and infant appetite in an Asian population. <i>Pediatric Obesity</i> , 2016 , 11, 450-458	4.6	11
105	Maternal feeding practices and children's food intake during an ad libitum buffet meal: Results from the GUSTO cohort. <i>Appetite</i> , 2019 , 142, 104371	4.5	11
104	The association of a nucleobindin 2 gene (NUCB2) variant with childhood adiposity. <i>Gene</i> , 2013 , 516, 48-52	3.8	11
103	Type II Gaucher disease: compound heterozygote with RecNcil and L444P mutations. <i>Journal of Tropical Pediatrics</i> , 2001 , 47, 115-7	1.2	11
102	Dietary Pattern Trajectories from 6 to 12 Months of Age in a Multi-Ethnic Asian Cohort. <i>Nutrients</i> , 2016 , 8,	6.7	11
101	The role of leptin-melanocortin system and human weight regulation: lessons from experiments of nature. <i>Annals of the Academy of Medicine, Singapore</i> , 2009 , 38, 34-11	2.8	11
100	Body composition measurement in young children using quantitative magnetic resonance: a comparison with air displacement plethysmography. <i>Pediatric Obesity</i> , 2018 , 13, 365-373	4.6	10
99	Predominantly nighttime feeding and weight outcomes in infants. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 380-8	7	10
98	Psychometric analysis of an eating behaviour questionnaire for an overweight and obese Chinese population in Singapore. <i>Appetite</i> , 2016 , 101, 119-24	4.5	10
97	The Development and Evaluation of a Diet Quality Index for Asian Toddlers and Its Perinatal Correlates: The GUSTO Cohort Study. <i>Nutrients</i> , 2019 , 11,	6.7	9
96	High Maternal Circulating Cotinine During Pregnancy is Associated With Persistently Shorter Stature From Birth to Five Years in an Asian Cohort. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 1103-1112	4.9	9
95	Exogenous Cushing syndrome: a lesson of diaper rash cream. <i>Hormone Research in Paediatrics</i> , 2014 , 82, 415-8	3.3	9
94	Melanocortin 3 receptor gene and melanocortin 4 receptor gene mutations: the Asian Perspective. <i>Diabetes/Metabolism Research and Reviews</i> , 2012 , 28 Suppl 2, 26-31	7.5	9
93	Evidence of autoantibodies to glutamic acid decarboxylase in oral fluid of type 1 diabetic patients. <i>Diabetes Research and Clinical Practice</i> , 2002 , 57, 171-7	7.4	9
92	Invasive Haemophilus influenzae type b infections in Singapore children: a hospital-based study. <i>Journal of Paediatrics and Child Health</i> , 2000 , 36, 125-7	1.3	9

91	Prepubertal diagnosis of X-linked congenital adrenal hypoplasia presenting after infancy. <i>European Journal of Pediatrics</i> , 2000 , 159, 671-5	4.1	9
90	New measure of insulin sensitivity predicts cardiovascular disease better than HOMA estimated insulin resistance. <i>PLoS ONE</i> , 2013 , 8, e74410	3.7	9
89	Combined analysis of gestational diabetes and maternal weight status from pre-pregnancy through post-delivery in future development of type 2 diabetes. <i>Scientific Reports</i> , 2021 , 11, 5021	4.9	9
88	Infant Feeding Practices in a Multi-Ethnic Asian Cohort: The GUSTO Study. <i>Nutrients</i> , 2016 , 8,	6.7	9
87	Cohort profile: Singapore Preconception Study of Long-Term Maternal and Child Outcomes (S-PRESTO). <i>European Journal of Epidemiology</i> , 2021 , 36, 129-142	12.1	9
86	Applying the design-build-test paradigm in microbiome engineering. <i>Current Opinion in Biotechnology</i> , 2017 , 48, 85-93	11.4	8
85	Sensitivity of three widely used questionnaires for measuring psychological distress among patients with type 2 diabetes mellitus. <i>Quality of Life Research</i> , 2015 , 24, 153-62	3.7	8
84	The association between maternal blood pressures and offspring size at birth in Southeast Asian women. <i>BMC Pregnancy and Childbirth</i> , 2014 , 14, 403	3.2	8
83	Expression profiling of radiation-induced genes in radiodermatitis of hairless mice. <i>British Journal of Dermatology</i> , 2006 , 154, 829-38	4	8
82	Immune response induced by immunization with Hepatitis B virus core DNA isolated from chronic active hepatitis patients. <i>Immunology Letters</i> , 2001 , 78, 13-20	4.1	8
81	Benefits of high epigastric port placement for removing the very large uterus. <i>Journal of Minimally Invasive Gynecology</i> , 2001 , 8, 425-8		8
80	Singaporean Mothers' Perception of Their Three-year-old Child's Weight Status: A Cross-Sectional Study. <i>PLoS ONE</i> , 2016 , 11, e0147563	3.7	8
79	Association of sugar-sweetened beverage intake at 18 months and 5 years of age with adiposity outcomes at 6 years of age: the Singapore GUSTO mother-offspring cohort. <i>British Journal of Nutrition</i> , 2019 , 122, 1303-1312	3.6	7
78	Infant dietary patterns and early childhood caries in a multi-ethnic Asian cohort. <i>Scientific Reports</i> , 2019 , 9, 852	4.9	7
77	Sex-specific longitudinal associations of screen viewing time in children at 2-3 years with adiposity at 3-5 years. <i>International Journal of Obesity</i> , 2019 , 43, 1334-1343	5.5	7
76	Self and parent-proxy rated health-related quality of life (HRQoL) in youth with obesity: are parents good surrogates?. <i>Quality of Life Research</i> , 2020 , 29, 2171-2181	3.7	7
75	Smaller size of high metabolic rate organs explains lower resting energy expenditure in Asian-Indian Than Chinese men. <i>International Journal of Obesity</i> , 2016 , 40, 633-8	5.5	7
74	Maternal Blood Pressure During Pregnancy and Early Childhood Blood Pressures in the Offspring: The GUSTO Birth Cohort Study. <i>Medicine (United States)</i> , 2015 , 94, e1981	1.8	7

73	Engineering the Gut Microbiome for Treatment of Obesity: A Review of Current Understanding and Progress. <i>Biotechnology Journal</i> , 2020 , 15, e2000013	5.6	7
72	Maternal glycemia during pregnancy and offspring abdominal adiposity measured by MRI in the neonatal period and preschool years: The Growing Up in Singapore Towards healthy Outcomes (GUSTO) prospective mother-offspring birth cohort study. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 39-47	7	7
71	High placental inositol content associated with suppressed pro-adipogenic effects of maternal glycaemia in offspring: the GUSTO cohort. <i>International Journal of Obesity</i> , 2021 , 45, 247-257	5.5	7
70	Comparison of customized and cohort-based birthweight standards in identification of growth-restricted infants in GUSTO cohort study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 2519-22	2	6
69	Association between maternal mid-gestation vitamin D status and neonatal abdominal adiposity. <i>International Journal of Obesity</i> , 2018 , 42, 1296-1305	5.5	6
68	The associations of self-care, illness perceptions and psychological distress with metabolic control in Singaporean adolescents with Type 1 Diabetes Mellitus. <i>Health Psychology and Behavioral Medicine</i> , 2016 , 4, 1-14	2.2	6
67	Functional characterization of variants in MC4R gene promoter region found in obese children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E931-5	5.6	6
66	Longitudinal study of childhood adiposity and the risk of developing components of metabolic syndrome-the Da Qing children cohort study. <i>Pediatric Research</i> , 2011 , 70, 307-12	3.2	6
65	Tyrosine phosphatase-like protein (IA-2) and glutamic acid decarboxylase (GAD65) autoantibodies: a study of Chinese patients with diabetes mellitus. <i>Autoimmunity</i> , 2002 , 35, 119-24	3	6
64	In-vitro function of upstream visfatin polymorphisms that are associated with adverse cardiometabolic parameters in obese children. <i>BMC Genomics</i> , 2016 , 17, 974	4.5	6
63	Determinants of intramyocellular lipid accumulation in early childhood. <i>International Journal of Obesity</i> , 2020 , 44, 1141-1151	5.5	6
62	A new population-based reference for gestational age-specific size-at-birth of Singapore infants. <i>Annals of the Academy of Medicine, Singapore</i> , 2014 , 43, 439-47	2.8	6
61	Validation of a semi-quantitative FFQ for 18-month-old toddlers: the Growing Up in Singapore Towards Healthy Outcomes (GUSTO) study. <i>Public Health Nutrition</i> , 2019 , 22, 1990-2000	3.3	5
60	Effects of infant weight gain on subsequent allergic outcomes in the first 3 years of life. <i>BMC Pediatrics</i> , 2017 , 17, 134	2.6	5
59	Electrocardiogram derived QRS duration associations with elevated central aortic systolic pressure (CASP) in a rural Australian population. <i>Clinical Hypertension</i> , 2015 , 22, 6	4.8	5
58	Associations of maternal retinal vasculature with subsequent fetal growth and birth size. <i>PLoS ONE</i> , 2015 , 10, e0118250	3.7	5
57	Chikungunya mimicking atypical Kawasaki disease in an infant. <i>Pediatric Infectious Disease Journal</i> , 2010 , 29, 275-7	3.4	5
56	Mismatch between poor fetal growth and rapid postnatal weight gain in the first 2 years of life is associated with higher blood pressure and insulin resistance without increased adiposity in childhood: the GUSTO cohort study. <i>International Journal of Epidemiology</i> , 2020 , 49, 1591-1603	7.8	5

55	Caring for Pediatric Patients with Diabetes amidst the Coronavirus Disease 2019 Storm. <i>Journal of Pediatrics</i> , 2020 , 223, 186-187	3.6	4
54	Prospective associations of maternal choline status with offspring body composition in the first 5 years of life in two large mother-offspring cohorts: the Southampton Women's Survey cohort and the Growing Up in Singapore Towards healthy Outcomes cohort. <i>International Journal of Epidemiology</i> , 2019 , 48, 433-444	7.8	4
53	Factors associated with diabetes-related distress over time among patients with T2DM in a tertiary hospital in Singapore. <i>BMC Endocrine Disorders</i> , 2017 , 17, 36	3.3	4
52	-Inositol, Probiotics, and Micronutrient Supplementation From Preconception for Glycemia in Pregnancy: NiPPER International Multicenter Double-Blind Randomized Controlled Trial. <i>Diabetes Care</i> , 2021 , 44, 1091-1099	14.6	4
51	Maternal circulating SPINT1 is reduced in small-for-gestational age pregnancies at 26 weeks: Growing up in Singapore towards health outcomes (GUSTO) cohort study. <i>Placenta</i> , 2021 , 110, 24-28	3.4	4
50	Prevalence of overweight and obesity in Chinese preschoolers in Singapore. <i>Annals of the Academy of Medicine, Singapore</i> , 2013 , 42, 66-72	2.8	4
49	Maternal Night-Fasting Interval during Pregnancy Is Directly Associated with Neonatal Head Circumference and Adiposity in Girls but Not Boys. <i>Journal of Nutrition</i> , 2017 , 147, 1384-1391	4.1	3
48	Durable remission is achievable with localized treatment and reduction of immunosuppression in limited stage EBV-related plasmablastic lymphoma. <i>Annals of Hematology</i> , 2017 , 96, 1959-1960	3	3
47	Influences of the perinatal diet on maternal and child health: insights from the GUSTO study. <i>Proceedings of the Nutrition Society</i> , 2020 , 79, 253-258	2.9	3
46	A diagnostic curiosity of isolated androstenedione elevation due to autoantibodies against horseradish peroxidase label of the immunoassay. <i>Clinica Chimica Acta</i> , 2018 , 476, 103-106	6.2	3
45	Type II Gaucher Disease: Compound Heterozygote with RecNcil and L444P Mutations. <i>Journal of Tropical Pediatrics</i> , 2001 , 47, 115-117	1.2	3
44	Carcinoma of the large bowel in Singapore--a pathological study. <i>Annals of the Academy of Medicine, Singapore</i> , 1988 , 17, 55-65	2.8	3
43	Kimura's disease involving the median nerve: a case report. <i>Annals of the Academy of Medicine, Singapore</i> , 1995 , 24, 462-4	2.8	3
42	Association of Cord Blood Thyroid-Stimulating Hormone Levels with Maternal, Delivery and Infant Factors. <i>Annals of the Academy of Medicine, Singapore</i> , 2020 , 49, 937-947	2.8	3
41	Detection of ADTRP in circulation and its role as a novel biomarker for coronary artery disease. <i>PLoS ONE</i> , 2020 , 15, e0237074	3.7	3
40	Ethnicity-Specific Skeletal Muscle Transcriptional Signatures and Their Relevance to Insulin Resistance in Singapore. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 465-486	5.6	3
39	The effects of glucagon-like peptide (GLP)-1 receptor agonists on weight and glycaemic control in Prader-Willi syndrome: A systematic review. <i>Clinical Endocrinology</i> , 2021 ,	3.4	3
38	Maternal plasma metabolic markers of neonatal adiposity and associated maternal characteristics: The GUSTO study. <i>Scientific Reports</i> , 2020 , 10, 9422	4.9	2

37	COVID-19 and Pediatric Orthopaedics: What's Different?. <i>Journal of Pediatric Orthopaedics</i> , 2020 , 40, e402-e405	2.4	2
36	Early-life factors affect risk of pain and fever in infants during teething periods. <i>Clinical Oral Investigations</i> , 2016 , 20, 1861-1870	4.2	2
35	Familial male-limited precocious puberty in neurofibromatosis type I. <i>European Journal of Pediatrics</i> , 2014 , 173, 219-22	4.1	2
34	Maternal adiposity and blood pressure in pregnancy: varying relations by ethnicity and gestational diabetes. <i>Journal of Hypertension</i> , 2014 , 32, 857-64	1.9	2
33	Ovarian germinoma accelerating the presentation of diabetes mellitus. <i>Journal of Pediatric Hematology/Oncology</i> , 2015 , 37, e55-6	1.2	2
32	Appropriate blood component usage. <i>ISBT Science Series</i> , 2011 , 6, 249-256	1.1	2
31	Epidemiology of 21-hydroxylase deficiency in Singapore. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2002 , 15, 397-403	1.6	2
30	Dichotomy in the Impact of Elevated Maternal Glucose Levels on Neonatal Epigenome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	2
29	Identification and reproducibility of dietary patterns assessed with a FFQ among women planning pregnancy. <i>Public Health Nutrition</i> , 2021 , 24, 2437-2446	3.3	2
28	Maternal night-eating pattern and glucose tolerance during pregnancy: study protocol for a longitudinal study. <i>BMJ Open</i> , 2019 , 9, e030036	3	2
27	Caries Risk Prediction Models in a Medical Health Care Setting. <i>Journal of Dental Research</i> , 2020 , 99, 7878-796	2.96	2
26	Maternal Glycemia During Pregnancy and Child Carotid Intima Media Thickness, Pulse Wave Velocity, and Augmentation Index. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	2
25	Branched-Chain Amino Acid Supplementation Does Not Preserve Lean Mass or Affect Metabolic Profile in Adults with Overweight or Obesity in a Randomized Controlled Weight Loss Intervention. <i>Journal of Nutrition</i> , 2021 , 151, 911-920	4.1	2
24	Cardiometabolic Profile of Different Body Composition Phenotypes in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e2015-e2024	5.6	2
23	Maternal height, gestational diabetes mellitus and pregnancy complications. <i>Diabetes Research and Clinical Practice</i> , 2021 , 178, 108978	7.4	2
22	Analyses of child cardiometabolic phenotype following assisted reproductive technologies using a pragmatic trial emulation approach. <i>Nature Communications</i> , 2021 , 12, 5613	17.4	2
21	Automated Segmentation of Visceral, Deep Subcutaneous, and Superficial Subcutaneous Adipose Tissue Volumes in MRI of Neonates and Young Children. <i>Radiology: Artificial Intelligence</i> , 2021 , 3, e200304	8.7	2
20	Anthropometric measures and HbA1c to detect dysglycemia in young Asian women planning conception: The S-PRESTO cohort. <i>Scientific Reports</i> , 2020 , 10, 9228	4.9	1

19	A distinctive type of metaphyseal chondrodysplasia with characteristic thickening of the distal ulna and radius: possible metaphyseal chondrodysplasia-Rosenberg. <i>American Journal of Medical Genetics Part A</i> , 2003 , 119A, 50-6		1
18	The kynurenine pathway metabolites in cord blood positively correlate with early childhood adiposity.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022 ,	5.6	1
17	24-hour movement behaviour profiles and their transition in children aged 5.5 and 8 years - findings from a prospective cohort study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 145	8.4	1
16	Antenatal sleep quality associated with perinatal outcomes in women of advanced maternal age. <i>Sleep Health</i> , 2020 , 6, 60-64	4	1
15	Association of leukocyte telomere length with obesity-related traits in Asian children with early-onset obesity. <i>Pediatric Obesity</i> , 2021 , 16, e12771	4.6	1
14	Association of plasma kynurenine pathway metabolite concentrations with metabolic health risk in prepubertal Asian children.. <i>International Journal of Obesity</i> , 2022 ,	5.5	1
13	Determinants of cord blood adipokines and association with neonatal abdominal adipose tissue distribution. <i>International Journal of Obesity</i> , 2021 ,	5.5	1
12	Engineered microbial systems for advanced drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2022 , 187, 114364	18.5	1
11	Breastfeeding may benefit cardiometabolic health of children exposed to increased gestational glycemia in utero.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	0
10	Influence of red blood cell indices on HbA1c performance in detecting dysglycaemia in a Singapore preconception cohort study. <i>Scientific Reports</i> , 2021 , 11, 20850	4.9	0
9	Dietary patterns of 5-year-old children and their correlates: findings from a multi-ethnic Asian cohort. <i>British Journal of Nutrition</i> , 2021 , 1-10	3.6	0
8	The longitudinal association between early-life screen viewing and abdominal adiposity-findings from a multiethnic birth cohort study. <i>International Journal of Obesity</i> , 2021 , 45, 1995-2005	5.5	0
7	Increasing nausea and vomiting of pregnancy is associated with sex-dependent differences in early childhood growth: the GUSTO mother-offspring cohort study. <i>BMC Pregnancy and Childbirth</i> , 2021 , 21, 578	3.2	0
6	The socioeconomic landscape of the exposome during pregnancy.. <i>Environment International</i> , 2022 , 163, 107205	12.9	0
5	Hepatic osteodystrophy with hypophosphataemia and elevated fibroblast growth factor-23.. <i>Journal of Paediatrics and Child Health</i> , 2022 ,	1.3	0
4	Population differences in antigenic modulation of amylase on neoplastic transformation in the human endocervix. <i>Journal of Pathology</i> , 1989 , 157, 153-4	9.4	
3	Evaluation of a child food reward task and its association with maternal feeding practices. <i>PLoS ONE</i> , 2021 , 16, e0254773	3.7	
2	Trajectories of Systolic Blood Pressure in Children: Risk Factors and Cardiometabolic Correlates. <i>Journal of Pediatrics</i> , 2021 , 236, 86-94.e6	3.6	

- 1 Exploring how socioeconomic status affects neighbourhood environments Effects on obesity risks:
A longitudinal study in Singapore. *Landscape and Urban Planning*, **2022**, 226, 104450 7·7