## Carel Thijs

# 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.

| 167         | 10,082                | 53      | 97      |
|-------------|-----------------------|---------|---------|
| papers      | citations             | h-index | g-index |
| 177         | 11,614 ext. citations | 6       | 5.74    |
| ext. papers |                       | avg, IF | L-index |

| #   | Paper  | IF                            | Citations |
|-----|--|-------------------------------|-----------|
| 167 | Imbalanced Folate and Vitamin B12 in the Third Trimester of Pregnancy and its Association with Birthweight and Child Growth up to 2 Years. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 66, e2100662   | 5.9                           | 1         |
| 166 | The Longitudinal Relationship Between Screen Time, Sleep and a Diagnosis of Attention-Deficit/Hyperactivity Disorder in Childhood. <i>Journal of Attention Disorders</i> , <b>2021</b> , 25, 2003-20   | 1 <sup>3</sup> 3 <sup>7</sup> | 7         |
| 165 | Combining HPAEC-PAD, PGC-LC-MS, and 1D H NMR to Investigate Metabolic Fates of Human Milk Oligosaccharides in 1-Month-Old Infants: a Pilot Study. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 6495-6509                                  | 5.7                           | 6         |
| 164 | Maternal plasma choline and betaine in late pregnancy and child growth up to age 8 years in the KOALA Birth Cohort Study. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 1438-1446   | 7                             | 1         |
| 163 | Organic food use, meat intake, and prevalence of gestational diabetes: KOALA birth cohort study. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 4463-4472  | 5.2                           | O         |
| 162 | Influence of Alternative Lifestyles on Antibiotic Use during Pregnancy, Lactation and in Children. <i>Antibiotics</i> , <b>2021</b> , 10,  | 4.9                           | 1         |
| 161 | Breast milk n-3 long-chain polyunsaturated fatty acids and blood pressure: an individual participant meta-analysis. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 989-998   | 5.2                           | О         |
| 160 | Investigating longitudinal context-specific physical activity patterns in transition from primary to secondary school using accelerometers, GPS, and GIS. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 66        | 8.4                           | 13        |
| 159 | Griepvaccinatie en sterfte op lange termijn. <i>Huisarts En Wetenschap</i> , <b>2020</b> , 63, 16-19   | 0.1                           |           |
| 158 | Physical activity and asthma development in childhood: Prospective birth cohort study. <i>Pediatric Pulmonology</i> , <b>2020</b> , 55, 76-82  | 3.5                           | 7         |
| 157 | Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003182 | 11.6                          | 21        |
| 156 | Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births <b>2020</b> , 17, e1003182                         |                               |           |
| 155 | Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births <b>2020</b> , 17, e1003182                         |                               |           |
| 154 | Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births <b>2020</b> , 17, e1003182                         |                               |           |
| 153 | Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births <b>2020</b> , 17, e1003182                         |                               |           |
| 152 | Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births <b>2020</b> , 17, e1003182                         |                               |           |
| 151 | Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births <b>2020</b> , 17, e1003182                         |                               |           |

#### (2017-2019)

| Influenza vaccination in the elderly: 25 years follow-up of a randomized controlled trial. No impact on long-term mortality. <i>PLoS ONE</i> , <b>2019</b> , 14, e0216983   | 3.7  | 3   |
|---|--|---|
| Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 1702-1715  | 27.4   | 176   |
| Correlating Infant Faecal Microbiota Composition and Human Milk Oligosaccharide Consumption by Microbiota of One-Month Old Breastfed Infants. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e180   | 1214   | 48  |
| Intestinal archaea inversely associated with childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 2305-2307   | 11.5   | 10  |
| The effect of prebiotic fortified infant formulas on microbiota composition and dynamics in early life. <i>Scientific Reports</i> , <b>2019</b> , 9, 2434   | 4.9  | 43  |
| Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. <i>PLoS Medicine</i> , <b>2019</b> , 16, e1002744   | 11.6   | 152   |
| Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data meta-analysis of European, North American and Australian cohorts.  BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 984-995 | 3.7  | 97  |
| Intakes of Vitamin B-12 from Dairy Food, Meat, and Fish and Shellfish Are Independently and Positively Associated with Vitamin B-12 Biomarker Status in Pregnant Dutch Women. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 131-138  | 4.1  | 5   |
| Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. <i>Microbiome</i> , <b>2019</b> , 7, 2  | 16.6   | 82  |
| Influenza vaccination in the elderly: Is a trial on mortality ethically acceptable?. Vaccine, 2018, 36, 2991-   | 2 <del>9</del> . <b>9</b> 7  | 6   |
| Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. <i>BMC Medicine</i> , <b>2018</b> , 16, 201  | 11.4   | 45  |
| Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. <i>Obesity</i> , <b>2018</b> , 26, 1767-1776  | 8  | 18  |
| Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. <i>The Lancet Child and Adolescent Health</i> , <b>2018</b> , 2, 812-821                                 | 14.5   | 45  |
| Energy balance-related parenting and child-care practices: The importance of meso-system consistency. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203689  | 3.7  | 11  |
| Does early onset asthma increase childhood obesity risk? A pooled analysis of 16 European cohorts. <i>European Respiratory Journal</i> , <b>2018</b> , 52,  | 13.6   | 30  |
| Associations of plasma uric acid and purine metabolites with blood pressure in children: the KOALA Birth Cohort Study. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 982-993   | 1.9  | 12  |
| Organic food consumption during pregnancy and its association with health-related characteristics: the KOALA Birth Cohort Study. <i>Public Health Nutrition</i> , <b>2017</b> , 20, 2145-2156   | 3.3  | 8   |
|   | Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. JAMA - Journal of the American Medical Association, 2019, 321, 1702-1715  Correlating Infant Faecal Microbiota Composition and Human Milk Oligosaccharide Consumption by Microbiota of One-Month Old Breastfed Infants. Molecular Nutrition and Food Research, 2019, 63, e180  Intestinal archaea inversely associated with childhood asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2305-2307  The effect of prebiotic fortified infant formulas on microbiota composition and dynamics in early life. Scientific Reports, 2019, 9, 2434  Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002744  Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data meta-analysis of European, North American and Australian cohorts. BJOG: an International Journal of Obstetrics and Gynaccology, 2019, 126, 984-995  Intakes of Vitamin B-12 from Dairy Food, Meat, and Fish and Shellfish Are Independently and Positively Associated with Vitamin B-12 Biomarker Status in Pregnant Dutch Women. Journal of Nutrition, 2019, 149, 131-138  Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. Microbiome, 2019, 7, 2  Influenza vaccination in the elderly: Is a trial on mortality ethically acceptable?. Vaccine, 2018, 36, 2991-Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. BMC Medicine, 2018, 16, 201  Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. Obesity, 2018, 26, 1767-1776  Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. The Lancet Child and Adolescent Health, 2018, 28, 182-821  Energy balance-re | Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. JAMA - Journal of the American Medical Association, 2019, 321, 1702-1715  Correlating Infant Faecal Microbiota Composition and Human Milk Oligosaccharide Consumption by Microbiota of One-Month Old Breastfed Infants. Molecular Nutrition and Food Research, 2019, 63, e18012f4  Intestinal archaea inversely associated with childhood asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2305-2307  The effect of prebiotic fortified infant formulas on microbiota composition and dynamics in early life. Scientific Reports, 2019, 9, 2434  Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002744  Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data meta-analysis of European, North American and Australian cohorts. BJOG: an International Journal of Obstetrics and Cynaecology, 2019, 126, 984-995  Intakes of Vitamin B-12 from Dairy Food, Meat, and Fish and Shellfish Are Independently and Positively Associated with Vitamin B-12 Biomarker Status in Pregnant Dutch Women. Journal of Natirition, 2019, 194, 131-138  Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. Microbiome, 2019, 7, 2  Influenza vaccination in the elderly: Is a trial on mortality ethically acceptable?. Vaccine, 2018, 36, 2991-2897  Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. BMC Medicine, 2018, 16, 201  Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. Obesity, 2018, 26, 1767-1776  Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. The Lancet Child and Adolescent Health, 2018, 2, 812-821  Energy |

| 132 | Daily Weather and Childrenß Physical Activity Patterns. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 922-929  | 1.2                  | 21                       |  |
|-----|---|----------------------|--------------------------|--|
| 131 | Organic food consumption during pregnancy is associated with different consumer profiles, food patterns and intake: the KOALA Birth Cohort Study. <i>Public Health Nutrition</i> , <b>2017</b> , 20, 2134-2144  | 3.3                  | 12                       |  |
| 130 | Influence of vitamin D on key bacterial taxa in infant microbiota in the KOALA Birth Cohort Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188011   | 3.7                  | 39                       |  |
| 129 | Bidirectional associations between activity-related parenting practices, and child physical activity, sedentary screen-based behavior and body mass index: a longitudinal analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2017</b> , 14, 89 | 8.4                  | 27                       |  |
| 128 | Fish and seafood consumption during pregnancy and the risk of asthma and allergic rhinitis in childhood: a pooled analysis of 18 European and US birth cohorts. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1465-1477  | 7.8                  | 31                       |  |
| 127 | Gut Colonization by Methanogenic Archaea Is Associated with Organic Dairy Consumption in Children. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 355  | 5.7                  | 35                       |  |
| 126 | Scaling up strategies of the chronic respiratory disease programme of the European Innovation Partnership on Active and Healthy Ageing (Action Plan B3: Area 5). <i>Clinical and Translational Allergy</i> , <b>2016</b> , 6, 29  | 5.2                  | 34                       |  |
| 125 | Early Life Antibiotic Exposure and Weight Development in Children. <i>Journal of Pediatrics</i> , <b>2016</b> , 176, 10   | 05 <sub>3</sub> 163. | <b>e2</b> <sub>3</sub> 1 |  |
| 124 | Daytime sleep duration and the development of childhood overweight: the KOALA Birth Cohort Study. <i>Pediatric Obesity</i> , <b>2016</b> , 11, e1-5   | 4.6                  | 11                       |  |
| 123 | Fish Intake in Pregnancy and Child Growth: A Pooled Analysis of 15 European and US Birth Cohorts.<br>JAMA Pediatrics, <b>2016</b> , 170, 381-90   | 8.3                  | 30                       |  |
| 122 | The independent role of prenatal and postnatal exposure to active and passive smoking on the development of early wheeze in children. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 115-24  | 13.6                 | 76                       |  |
| 121 | Playability of school-environments and after-school physical activity among 8-11 year-old children: specificity of time and place. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2016</b> , 13, 82  | 8.4                  | 8                        |  |
| 120 | ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. <i>Clinical and Translational Allergy</i> , <b>2016</b> , 6, 47   | 5.2                  | 95                       |  |
| 119 | Picky eating and child weight status development: a longitudinal study. <i>Journal of Human Nutrition and Dietetics</i> , <b>2016</b> , 29, 298-307   | 3.1                  | 58                       |  |
| 118 | Operative definition of active and healthy ageing (AHA): Meeting report. Montpellier October 2011, 2014. <i>European Geriatric Medicine</i> , <b>2015</b> , 6, 196-200  | 3                    | 12                       |  |
| 117 | Confirmation of high specificity of an automated enzyme immunoassay test for serological diagnosis of syphilis: retrospective evaluation versus results after implementation. <i>Sexually Transmitted Diseases</i> , <b>2015</b> , 42, 120-2  | 2.4                  | 2                        |  |
| 116 | Operational Definition of Active and Healthy Aging (AHA): The European Innovation Partnership (EIP) on AHA Reference Site Questionnaire: Montpellier October 20-21, 2014, Lisbon July 2, 2015.<br>Journal of the American Medical Directors Association, 2015, 16, 1020-6             | 5.9                  | 25                       |  |
| 115 | MACVIA-ARIA Sentinel NetworK for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 70, 1372-92  | 9.3                  | 123                      |  |

### (2014-2015)

| 114 | Moderators of the Relationship Between Physical Activity Enjoyment and Physical Activity in Children. <i>Journal of Physical Activity and Health</i> , <b>2015</b> , 12, 1066-73   | 2.5  | 6   |
|-----|--|------|-----|
| 113 | LucKi Birth Cohort Study: rationale and design. <i>BMC Public Health</i> , <b>2015</b> , 15, 934   | 4.1  | 2   |
| 112 | Dietary nucleotide and nucleoside exposure in infancy and atopic dermatitis, recurrent wheeze, and allergic sensitization. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2015</b> , 60, 691-3  | 2.8  |     |
| 111 | Gut colonization with methanobrevibacter smithii is associated with childhood weight development. <i>Obesity</i> , <b>2015</b> , 23, 2508-16   | 8    | 35  |
| 110 | Longitudinal association of neighborhood variables with Body Mass Index in Dutch school-age children: The KOALA Birth Cohort Study. <i>Social Science and Medicine</i> , <b>2015</b> , 135, 99-108   | 5.1  | 7   |
| 109 | Are allergic multimorbidities and IgE polysensitization associated with the persistence or re-occurrence of foetal type 2 signalling? The MeDALL hypothesis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 70, 1062-78 | 9.3  | 66  |
| 108 | Operational Definition of Active and Healthy Ageing (AHA): A Conceptual Framework. <i>Journal of Nutrition, Health and Aging</i> , <b>2015</b> , 19, 955-60  | 5.2  | 54  |
| 107 | Early life growth and the development of preschool wheeze, independent from overweight: the LucKi Birth Cohort Study. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 343-9.e1   | 3.6  | 3   |
| 106 | The intestinal microbiota composition and weight development in children: the KOALA Birth Cohort Study. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 16-25  | 5.5  | 85  |
| 105 | An ADAM33 polymorphism associates with progression of preschool wheeze into childhood asthma: a prospective case-control study with replication in a birth cohort study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119349  | 3.7  | 14  |
| 104 | Development of the Comprehensive General Parenting Questionnaire for caregivers of 5-13 year olds. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2014</b> , 11, 15   | 8.4  | 44  |
| 103 | Fish intake during pregnancy, fetal growth, and gestational length in 19 European birth cohort studies. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 99, 506-16   | 7    | 78  |
| 102 | Preterm birth, infant weight gain, and childhood asthma risk: a meta-analysis of 147,000 European children. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 1317-29   | 11.5 | 215 |
| 101 | Parental perception of childß weight status and subsequent BMIz change: the KOALA birth cohort study. <i>BMC Public Health</i> , <b>2014</b> , 14, 291   | 4.1  | 39  |
| 100 | The next step in health behavior research: the need for ecological moderation analyses - an application to diet and physical activity at childcare. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2014</b> , 11, 52        | 8.4  | 57  |
| 99  | Food parenting practices and child dietary behavior. Prospective relations and the moderating role of general parenting. <i>Appetite</i> , <b>2014</b> , 79, 42-50   | 4.5  | 87  |
| 98  | Relationship between physical activity and the development of body mass index in children. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 177-84   | 1.2  | 22  |
| 97  | New insights into the hygiene hypothesis in allergic diseases: mediation of sibling and birth mode effects by the gut microbiota. <i>Gut Microbes</i> , <b>2014</b> , 5, 239-44  | 8.8  | 53  |

| 96 | Influence of alternative lifestyles on self-reported body weight and health characteristics in women. <i>European Journal of Public Health</i> , <b>2014</b> , 24, 321-7   | 2.1  | 8   |
|----|--|------|-----|
| 95 | Maternal smoking during pregnancy and childhood overweight and fat distribution: the KOALA Birth Cohort Study. <i>Pediatric Obesity</i> , <b>2014</b> , 9, e14-25  | 4.6  | 29  |
| 94 | Moderators of the longitudinal relationship between the perceived physical environment and outside play in children: the KOALA birth cohort study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2014</b> , 11, 150                            | 8.4  | 8   |
| 93 | Maternal but not fetal FADS gene variants modify the association between maternal long-chain PUFA intake in pregnancy and birth weight. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 1430-7  | 4.1  | 12  |
| 92 | Transient early wheeze and lung function in early childhood associated with chronic obstructive pulmonary disease genes. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 68-76.e1-4   | 11.5 | 50  |
| 91 | Establishment of the intestinal microbiota and its role for atopic dermatitis in early childhood.<br>Journal of Allergy and Clinical Immunology, <b>2013</b> , 132, 601-607.e8   | 11.5 | 201 |
| 90 | Health effects of chronic noise exposure in pregnancy and childhood: a systematic review initiated by ENRIECO. <i>International Journal of Hygiene and Environmental Health</i> , <b>2013</b> , 216, 217-29  | 6.9  | 32  |
| 89 | Pregnancy and birth cohort resources in europe: a large opportunity for aetiological child health research. <i>Paediatric and Perinatal Epidemiology</i> , <b>2013</b> , 27, 393-414   | 2.7  | 157 |
| 88 | Measuring child temperament: Validation of a 3-item Temperament Measure and 13-item Impulsivity Scale. <i>European Journal of Developmental Psychology</i> , <b>2013</b> , 10, 392-401   | 1.5  | 8   |
| 87 | Genetic variation in FADS genes and plasma cholesterol levels in 2-year-old infants: KOALA Birth Cohort Study. <i>PLoS ONE</i> , <b>2013</b> , 8, e61671   | 3.7  | 13  |
| 86 | Physical activity parenting: a systematic review of questionnaires and their associations with child activity levels. <i>Obesity Reviews</i> , <b>2012</b> , 13, 1015-33   | 10.6 | 68  |
| 85 | Clustering of energy balance-related behaviors in 5-year-old children: lifestyle patterns and their longitudinal association with weight status development in early childhood. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2012</b> , 9, 77 | 8.4  | 42  |
| 84 | Physical activity and asthma: a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2012</b> , 7, e50775   | 3.7  | 93  |
| 83 | Protocadherin-1 polymorphisms are associated with eczema in two Dutch birth cohorts. <i>Pediatric Allergy and Immunology</i> , <b>2012</b> , 23, 270-7   | 4.2  | 11  |
| 82 | European birth cohorts for environmental health research. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 29-37  | 8.4  | 89  |
| 81 | Pediatric biobanking: a pilot qualitative survey of practices, rules, and researcher opinions in ten European countries. <i>Biopreservation and Biobanking</i> , <b>2012</b> , 10, 29-36   | 2.1  | 17  |
| 80 | Energy balance-related behavioural patterns in 5-year-old children and the longitudinal association with weight status development in early childhood. <i>Public Health Nutrition</i> , <b>2012</b> , 15, 1402-10  | 3.3  | 31  |
| 79 | Mode and place of delivery, gastrointestinal microbiota, and their influence on asthma and atopy.  Journal of Allergy and Clinical Immunology, <b>2011</b> , 128, 948-55.e1-3  | 11.5 | 331 |

| 78 | Association of breast-feeding and feeding on demand with child weight status up to 4 years. <i>Pediatric Obesity</i> , <b>2011</b> , 6, e515-22  |      | 28  |
|----|--|------|-----|
| 77 | Association between parenting practices and childrenß dietary intake, activity behavior and development of body mass index: the KOALA Birth Cohort Study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2011</b> , 8, 18 | 8.4  | 121 |
| 76 | Folic acid use in pregnancy and the development of atopy, asthma, and lung function in childhood. <i>Pediatrics</i> , <b>2011</b> , 128, e135-44   | 7.4  | 85  |
| 75 | Toll-like receptors and microbial exposure: gene-gene and gene-environment interaction in the development of atopy. <i>European Respiratory Journal</i> , <b>2011</b> , 38, 833-40   | 13.6 | 18  |
| 74 | Interaction between physical environment, social environment, and child characteristics in determining physical activity at child care. <i>Health Psychology</i> , <b>2011</b> , 30, 84-90   | 5    | 113 |
| 73 | Fatty acids in breast milk and development of atopic eczema and allergic sensitisation in infancy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 66, 58-67   | 9.3  | 82  |
| 72 | Maternal fatty acid status in pregnancy and childhood atopic manifestations: KOALA Birth Cohort Study. <i>Clinical and Experimental Allergy</i> , <b>2011</b> , 41, 407-16   | 4.1  | 52  |
| 71 | General parenting, childhood overweight and obesity-inducing behaviors: a review. <i>Pediatric Obesity</i> , <b>2011</b> , 6, e12-27   |      | 307 |
| 70 | Consumption of dairy products of biodynamic origin is correlated with increased contents of rumenic and trans-vaccenic acid in the breast milk of lactating women. <i>Organic Agriculture</i> , <b>2011</b> , 1, 161                                       | -186 | 4   |
| 69 | Maternal and child <b>ß</b> vitamin D supplement use and vitamin D level in relation to childhood lung function: the KOALA Birth Cohort Study. <i>Thorax</i> , <b>2011</b> , 66, 474-80  | 7.3  | 39  |
| 68 | Validating the Childrenß Behavior Questionnaire in Dutch children: psychometric properties and a cross-cultural comparison of factor structures. <i>Psychological Assessment</i> , <b>2011</b> , 23, 417-26  | 5.3  | 18  |
| 67 | Infant antibiotic use and wheeze and asthma risk: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , <b>2011</b> , 38, 295-302   | 13.6 | 98  |
| 66 | Child-care environment and dietary intake of 2- and 3-year-old children. <i>Journal of Human Nutrition and Dietetics</i> , <b>2010</b> , 23, 97-101  | 3.1  | 66  |
| 65 | Child-care use and the association with body mass index and overweight in children from 7 months to 2 years of age. <i>International Journal of Obesity</i> , <b>2010</b> , 34, 1480-6   | 5.5  | 50  |
| 64 | TLR-related pathway analysis: novel gene-gene interactions in the development of asthma and atopy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 65, 199-207   | 9.3  | 64  |
| 63 | Timing of infection and development of wheeze, eczema, and atopic sensitization during the first 2 yr of life: the KOALA Birth Cohort Study. <i>Pediatric Allergy and Immunology</i> , <b>2010</b> , 21, 983-9   | 4.2  | 19  |
| 62 | Intestinal lactobacilli and the DC-SIGN gene for their recognition by dendritic cells play a role in the aetiology of allergic manifestations. <i>Microbiology (United Kingdom)</i> , <b>2010</b> , 156, 3298-3305   | 2.9  | 28  |
| 61 | Interaction of T-cell and antigen presenting cell co-stimulatory genes in childhood IgE. <i>European Respiratory Journal</i> , <b>2010</b> , 35, 54-63   | 13.6 | 13  |

| 60 | FADS1 FADS2 gene variants modify the association between fish intake and the docosahexaenoic acid proportions in human milk. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 1368-76                             | 7            | 127 |
|----|--|--------------|-----|
| 59 | Host-microbial interactions in childhood atopy: toll-like receptor 4 (TLR4), CD14, and fecal Escherichia coli. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 125, 231-6.e1-5                                   | 11.5         | 29  |
| 58 | Gene-gene interaction in regulatory T-cell function in atopy and asthma development in childhood. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 126, 338-46, 346.e1-10   | 11.5         | 44  |
| 57 | Relationship between parental feeding styles and eating behaviours of Dutch children aged 6-7. <i>Appetite</i> , <b>2010</b> , 54, 30-6  | 4.5          | 71  |
| 56 | X-chromosome Forkhead Box P3 polymorphisms associate with atopy in girls in three Dutch birth cohorts. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 65, 865-74                              | 9.3          | 29  |
| 55 | CD14 polymorphisms in mother and infant, soluble CD14 in breast milk and atopy development in the infant (KOALA Study). <i>Pediatric Allergy and Immunology</i> , <b>2010</b> , 21, 541-9  | 4.2          | 9   |
| 54 | Trans fatty acids in human milk are an indicator of different maternal dietary sources containing trans fatty acids. <i>Lipids</i> , <b>2010</b> , 45, 245-51  | 1.6          | 30  |
| 53 | Variants of the FADS1 FADS2 gene cluster, blood levels of polyunsaturated fatty acids and eczema in children within the first 2 years of life. <i>PLoS ONE</i> , <b>2010</b> , 5, e13261   | 3.7          | 58  |
| 52 | Clustering of dietary intake and sedentary behavior in 2-year-old children. <i>Journal of Pediatrics</i> , <b>2009</b> , 155, 194-8  | 3.6          | 48  |
| 51 | Early-life rotavirus and norovirus infections in relation to development of atopic manifestation in infants. <i>Clinical and Experimental Allergy</i> , <b>2009</b> , 39, 254-60   | 4.1          | 20  |
| 50 | Diet-related restrictive parenting practices. Impact on dietary intake of 2-year-old children and interactions with child characteristics. <i>Appetite</i> , <b>2009</b> , 52, 423-9   | 4.5          | 68  |
| 49 | Meta-analysis of determinants for pet ownership in 12 European birth cohorts on asthma and allergies: a GA2LEN initiative. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 63, 149             | 9 <u>:</u> 8 | 49  |
| 48 | The childrenß eating behaviour questionnaire: factorial validity and association with Body Mass Index in Dutch children aged 6-7. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2008</b> , 5, 49 | 8.4          | 209 |
| 47 | Influenza vaccination and risk of community-acquired pneumonia. <i>Lancet, The</i> , <b>2008</b> , 372, 2112; author reply 2112-3  | 40           | 3   |
| 46 | Mortality benefits of influenza vaccination in elderly people. <i>Lancet Infectious Diseases, The</i> , <b>2008</b> , 8, 460-1; author reply 463-5   | 25.5         | 20  |
| 45 | Interleukin 13, CD14, pet and tobacco smoke influence atopy in three Dutch cohorts: the allergenic study. <i>European Respiratory Journal</i> , <b>2008</b> , 32, 593-602  | 13.6         | 60  |
| 44 | Toxigenic and non-toxigenic Clostridium difficile: determinants of intestinal colonisation and role in childhood atopic manifestations. <i>Gut</i> , <b>2008</b> , 57, 1025-6  | 19.2         | 13  |
| 43 | Age at first introduction of cow milk products and other food products in relation to infant atopic manifestations in the first 2 years of life: the KOALA Birth Cohort Study. <i>Pediatrics</i> , <b>2008</b> , 122, e115-22      | 7.4          | 140 |

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| 42 | Asthmatic symptoms, physical activity, and overweight in young children: a cohort study. <i>Pediatrics</i> , <b>2008</b> , 121, e666-72   | 7.4  | 54   |
|----|---|------|------|
| 41 | Consumption of organic foods and risk of atopic disease during the first 2 years of life in the Netherlands. <i>British Journal of Nutrition</i> , <b>2008</b> , 99, 598-605  | 3.6  | 90   |
| 40 | Association of interacting genes in the toll-like receptor signaling pathway and the antibody response to pertussis vaccination. <i>PLoS ONE</i> , <b>2008</b> , 3, e3665   | 3.7  | 41   |
| 39 | Reported pertussis infection and risk of atopy in 8- to 12-yr-old vaccinated and non-vaccinated children. <i>Pediatric Allergy and Immunology</i> , <b>2008</b> , 19, 46-52   | 4.2  | 9    |
| 38 | The role of the intestinal microbiota in the development of atopic disorders. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 62, 1223-36   | 9.3  | 293  |
| 37 | Breast-feeding duration and infant atopic manifestations, by maternal allergic status, in the first 2 years of life (KOALA study). <i>Journal of Pediatrics</i> , <b>2007</b> , 151, 347-51, 351.e1-2   | 3.6  | 50   |
| 36 | Early life exposure to antibiotics and the subsequent development of eczema, wheeze, and allergic sensitization in the first 2 years of life: the KOALA Birth Cohort Study. <i>Pediatrics</i> , <b>2007</b> , 119, e225-31                    | 7.4  | 112  |
| 35 | Diphtheria, pertussis, poliomyelitis, tetanus, and Haemophilus influenzae type b vaccinations and risk of eczema and recurrent wheeze in the first year of life: the KOALA Birth Cohort Study. <i>Pediatrics</i> , <b>2007</b> , 119, e367-73 | 7.4  | 16   |
| 34 | Breastfeeding and infant eczema in the first year of life in the KOALA birth cohort study: a risk period-specific analysis. <i>Pediatrics</i> , <b>2007</b> , 119, e137-41  | 7.4  | 24   |
| 33 | Toll-like receptor 4 polymorphism associated with the response to whole-cell pertussis vaccination in children from the KOALA study. <i>Vaccine Journal</i> , <b>2007</b> , 14, 1377-80   |      | 18   |
| 32 | Gut microbiota composition and development of atopic manifestations in infancy: the KOALA Birth Cohort Study. <i>Gut</i> , <b>2007</b> , 56, 661-7  | 19.2 | 526  |
| 31 | Influence of organic diet on the amount of conjugated linoleic acids in breast milk of lactating women in the Netherlands. <i>British Journal of Nutrition</i> , <b>2007</b> , 97, 735-43   | 3.6  | 69   |
| 30 | Factors influencing the composition of the intestinal microbiota in early infancy. <i>Pediatrics</i> , <b>2006</b> , 118, 511-21  | 7.4  | 1557 |
| 29 | The motivational determinants of breast-feeding: predictors for the continuation of breast-feeding. <i>Preventive Medicine</i> , <b>2006</b> , 43, 394-401  | 4.3  | 33   |
| 28 | Do parents with an atopic family history adopt a PprudentRlifestyle for their infant? (KOALA Study). <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 489-94  | 4.1  | 15   |
| 27 | Molecular fingerprinting of the intestinal microbiota of infants in whom atopic eczema was or was not developing. <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 1602-8   | 4.1  | 108  |
| 26 | Cytokines and soluble CD14 in breast milk in relation with atopic manifestations in mother and infant (KOALA Study). <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 1609-15   | 4.1  | 64   |
| 25 | A breast-feeding promotion and support program a randomized trial in The Netherlands. <i>Preventive Medicine</i> , <b>2005</b> , 40, 60-70  | 4.3  | 36   |

| 24 | Toothbrushing at school. <i>Health Education</i> , <b>2005</b> , 105, 53-61  | 1            | 12  |
|----|--|--------------|-----|
| 23 | Quantification of Bifidobacterium spp., Escherichia coli and Clostridium difficile in faecal samples of breast-fed and formula-fed infants by real-time PCR. <i>FEMS Microbiology Letters</i> , <b>2005</b> , 243, 141-7                     | 2.9          | 295 |
| 22 | Etiology of atopy in infancy: the KOALA Birth Cohort Study. <i>Pediatric Allergy and Immunology</i> , <b>2005</b> , 16, 679-84   | 4.2          | 102 |
| 21 | The behavioral determinants of breast-feeding in The Netherlands: predictors for the initiation of breast-feeding. <i>Health Education and Behavior</i> , <b>2005</b> , 32, 809-24   | 4.2          | 32  |
| 20 | Determinants of neonatal IgE level: parity, maternal age, birth season and perinatal essential fatty acid status in infants of atopic mothers. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2004</b> , 59, 961-8 | 9.3          | 38  |
| 19 | Oral essential fatty acid supplementation in atopic dermatitis-a meta-analysis of placebo-controlled trials. <i>British Journal of Dermatology</i> , <b>2004</b> , 150, 728-40   | 4            | 65  |
| 18 | Gamma-linolenic acid supplementation for prophylaxis of atopic dermatitisa randomized controlled trial in infants at high familial risk. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 77, 943-51                            | 7            | 66  |
| 17 | Essential fatty acids in breast milk of atopic mothers: comparison with non-atopic mothers, and effect of borage oil supplementation. <i>European Journal of Clinical Nutrition</i> , <b>2000</b> , 54, 234-8                                | 5.2          | 34  |
| 16 | Food intolerance and gallstones: erratum and update of a meta-analysis. <i>Scandinavian Journal of Gastroenterology</i> , <b>2000</b> , 35, 110-1  | 2.4          |     |
| 15 | Antibacterial effect of garlic and omeprazole on Helicobacter pylori. <i>Journal of Antimicrobial Chemotherapy</i> , <b>1999</b> , 43, 837-9   | 5.1          | 78  |
| 14 | The effect of smoking on influenza, influenza vaccination efficacy and on the antibody response to influenza vaccination. <i>Vaccine</i> , <b>1999</b> , 17, 426-32  | 4.1          | 29  |
| 13 | Food intolerance and gallstones. <i>Journal of Clinical Gastroenterology</i> , <b>1999</b> , 30, 102   | 3            |     |
| 12 | Abdominal symptoms and food intolerance related to gallstones. <i>Journal of Clinical Gastroenterology</i> , <b>1998</b> , 27, 223-31  | 3            | 9   |
| 11 | Adverse effects and compliance with mefloquine or proguanil antimalarial chemoprophylaxis. <i>European Journal of Clinical Pharmacology</i> , <b>1997</b> , 52, 269-75   | 2.8          | 22  |
| 10 | Dyspepsiahow noisy are gallstones? A meta-analysis of epidemiologic studies of biliary pain, dyspeptic symptoms, and food intolerance. <i>Scandinavian Journal of Gastroenterology</i> , <b>1995</b> , 30, 411-21                            | 2.4          | 55  |
| 9  | Risk factors for symptomatic gall bladder disease. <i>Gut</i> , <b>1994</b> , 35, 1506   | 19.2         |     |
| 8  | Oral contraceptive use and the occurrence of gallstone diseasea case-control study. <i>Preventive Medicine</i> , <b>1993</b> , 22, 122-31  | 4.3          | 10  |
| 7  | Is gallstone disease caused by obesity or by dieting?. <i>American Journal of Epidemiology</i> , <b>1992</b> , 135, 274-6  | <b>89</b> .8 | 17  |

#### LIST OF PUBLICATIONS

| 6 | Pregnancy and gallstone disease: an empiric demonstration of the importance of specification of risk periods. <i>American Journal of Epidemiology</i> , <b>1991</b> , 134, 186-95   | 3.8  | 37  |
|---|---|------|-----|
| 5 | Serum lipids and gallstones: a case-control study. <i>Gastroenterology</i> , <b>1990</b> , 99, 843-9  | 13.3 | 100 |
| 4 | Legume intake and gallstone risk: results from a case-control study. <i>International Journal of Epidemiology</i> , <b>1990</b> , 19, 660-3   | 7.8  | 6   |
| 3 | The prevalence of gallstone disease in a Dutch population. <i>Scandinavian Journal of Gastroenterology</i> , <b>1990</b> , 25, 155-60   | 2.4  | 21  |
| 2 | The value of secretory component (SC) immunoreactivity in diagnosis and prognosis of colorectal carcinomas. <i>American Journal of Clinical Pathology</i> , <b>1984</b> , 82, 267-74  | 1.9  | 27  |
| 1 | Monoclonal antibody (1116 NS 19-9) defined monosialoganglioside (GICA) in colorectal carcinoma in relation to stage, histopathology and DNA flow cytometry. <i>International Journal of Cancer</i> , <b>1983</b> , 32, 289-93 | 7.5  | 26  |