

Nathalie Michels

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.

153
papers

3,152
citations

31
h-index

49
g-index

164
ext. papers

4,167
ext. citations

4.7
avg. IF

5.25
L-index

#	Paper	IF	Citations
153	Human microbiome and metabolic health: An overview of systematic reviews.. <i>Obesity Reviews</i> , 2022 , e13409	10.6	4
152	The Effects of Modified Intermittent Fasting in Psoriasis (MANGO): Protocol for a Two-Arm Pilot Randomized Controlled Open Cross-over Study.. <i>JMIR Research Protocols</i> , 2022 , 11, e26405	2	
151	Training Self-compassion: Exploring the Effects on Adolescents' Physiological and Self-reported Stress Responses. <i>Mindfulness</i> , 2022 , 13, 897	2.9	0
150	Are Physical Activity and Sedentary Screen Time Levels Associated With Food Consumption in European Adolescents? The HELENA Study. 2022 , 1-12		0
149	Identification of Lifestyle Risk Factors in Adolescence Influencing Cardiovascular Health in Young Adults: The BELINDA Study. <i>Nutrients</i> , 2022 , 14, 2089	6.7	0
148	Weight Status and BMI-Related Traits in Adolescent Friendship Groups and Role of Sociodemographic Factors: The European IDEFICS/I.Family Cohort. <i>Obesity Facts</i> , 2021 , 14, 121-130	5.1	0
147	Adolescents' dietary polyphenol intake in relation to serum total antioxidant capacity: the HELENA study. <i>International Journal of Food Sciences and Nutrition</i> , 2021 , 1-11	3.7	0
146	Interplay of physical activity and genetic variants of the endothelial lipase on cardiovascular disease risk factors. <i>Pediatric Research</i> , 2021 ,	3.2	1
145	Vegetarianism and veganism compared with mental health and cognitive outcomes: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2021 , 79, 361-381	6.4	16
144	Socioeconomically Disadvantaged Groups and Metabolic Syndrome in European Adolescents: The HELENA Study. <i>Journal of Adolescent Health</i> , 2021 , 68, 146-154	5.8	1
143	Dietary trans-fatty acid intake in relation to cancer risk: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2021 , 79, 758-776	6.4	6
142	Eating disorders and the risk of developing cancer: a systematic review. <i>Eating and Weight Disorders</i> , 2021 , 26, 1021-1035	3.6	2
141	Chronic inflammation towards cancer incidence: A systematic review and meta-analysis of epidemiological studies. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 157, 103177	7	19
140	Green nature effect on stress response and stress eating in the lab: Color versus environmental content. <i>Environmental Research</i> , 2021 , 193, 110589	7.9	4
139	Determinants of Physical Fitness in Children with Repaired Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2021 , 42, 857-865	2.1	1
138	Associations between hair and salivary cortisol, salivary alpha-amylase, and temperament dimensions among 3-6-year-olds. <i>Hormones and Behavior</i> , 2021 , 135, 105042	3.7	
137	Inflammation in obese children and adolescents: Association with psychosocial stress variables and effects of a lifestyle intervention. <i>Brain, Behavior, and Immunity</i> , 2021 , 98, 40-47	16.6	0

136	Is there stress eating in children and adolescents? A first validation of the Dutch version of the Salzburg Stress Eating Scale. <i>Appetite</i> , 2021 , 167, 105657	4.5	2
135	Poor Mental Health Is Related to Excess Weight via Lifestyle: A Cross-Sectional Gender- and Age-Dependent Mediation Analysis. <i>Nutrients</i> , 2021 , 13,	6.7	1
134	Variations in accelerometry measured physical activity and sedentary time across Europe - harmonized analyses of 47,497 children and adolescents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 38	8.4	71
133	Validated Ultra-High-Performance Liquid Chromatography Hybrid High-Resolution Mass Spectrometry and Laser-Assisted Rapid Evaporative Ionization Mass Spectrometry for Salivary Metabolomics. <i>Analytical Chemistry</i> , 2020 , 92, 5116-5124	7.8	7
132	Associations between sleep duration and insulin resistance in European children and adolescents considering the mediating role of abdominal obesity. <i>PLoS ONE</i> , 2020 , 15, e0235049	3.7	4
131	Emotion regulation training in the treatment of obesity in young adolescents: protocol for a randomized controlled trial. <i>Trials</i> , 2020 , 21, 153	2.8	5
130	General health and residential proximity to the coast in Belgium: Results from a cross-sectional health survey. <i>Environmental Research</i> , 2020 , 184, 109225	7.9	20
129	Association between CNTF Polymorphisms and Adiposity Markers in European Adolescents. <i>Journal of Pediatrics</i> , 2020 , 219, 23-30.e1	3.6	2
128	Common genetic variation in obesity, lipid transfer genes and risk of Metabolic Syndrome: Results from IDEFICS/I.Family study and meta-analysis. <i>Scientific Reports</i> , 2020 , 10, 7189	4.9	8
127	Cross-sectional and longitudinal associations between physical activity, sedentary behaviour and bone stiffness index across weight status in European children and adolescents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 54	8.4	5
126	Total Polyphenol Intake Is Inversely Associated with a Pro/Anti-Inflammatory Biomarker Ratio in European Adolescents of the HELENA Study. <i>Journal of Nutrition</i> , 2020 , 150, 1610-1618	4.1	5
125	Association between lipoprotein lipase gene polymorphisms and cardiovascular disease risk factors in European adolescents: The Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>Pediatric Diabetes</i> , 2020 , 21, 747-757	3.6	1
124	Rapid LA-REIMS and comprehensive UHPLC-HRMS for metabolic phenotyping of feces. <i>Talanta</i> , 2020 , 217, 121043	6.2	6
123	Interplay between the Mediterranean diet and C-reactive protein genetic polymorphisms towards inflammation in adolescents. <i>Clinical Nutrition</i> , 2020 , 39, 1919-1926	5.9	7
122	Cross-Sectional and Longitudinal Associations Between Psychosocial Well-Being and Cardiometabolic Markers in European Children and Adolescents. <i>Psychosomatic Medicine</i> , 2020 , 82, 764-773	3.7	3
121	The Moderating Role of Emotion Regulation in the Association Between Stressors With Psychological and Biological Measures in Adolescence. <i>Psychosomatic Medicine</i> , 2020 , 82, 495-507	3.7	7
120	The Human Microbiome in Relation to Cancer Risk: A Systematic Review of Epidemiologic Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1856-1868	4	17
119	Single nucleotide polymorphisms of ADIPOQ gene associated with cardiovascular disease risk factors in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>Journal of Hypertension</i> , 2020 , 38, 1971-1979	1.9	2

118	Dietary changes and its psychosocial moderators during the university examination period. <i>European Journal of Nutrition</i> , 2020 , 59, 273-286	5.2	10
117	Polyphenol intake and metabolic syndrome risk in European adolescents: the HELENA study. <i>European Journal of Nutrition</i> , 2020 , 59, 801-812	5.2	10
116	Associations between sleep duration and insulin resistance in European children and adolescents considering the mediating role of abdominal obesity 2020 , 15, e0235049		
115	Associations between sleep duration and insulin resistance in European children and adolescents considering the mediating role of abdominal obesity 2020 , 15, e0235049		
114	Associations between sleep duration and insulin resistance in European children and adolescents considering the mediating role of abdominal obesity 2020 , 15, e0235049		
113	Associations between sleep duration and insulin resistance in European children and adolescents considering the mediating role of abdominal obesity 2020 , 15, e0235049		
112	Associations between sleep duration and insulin resistance in European children and adolescents considering the mediating role of abdominal obesity 2020 , 15, e0235049		
111	Associations between sleep duration and insulin resistance in European children and adolescents considering the mediating role of abdominal obesity 2020 , 15, e0235049		
110	Body mass index in adults with congenital heart disease. <i>Congenital Heart Disease</i> , 2019 , 14, 479-486	3.1	5
109	Relative validation of the adapted Mediterranean Diet Score for Adolescents by comparison with nutritional biomarkers and nutrient and food intakes: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>Public Health Nutrition</i> , 2019 , 22, 2381-2397	3.3	14
108	Gut microbiome patterns depending on children's psychosocial stress: Reports versus biomarkers. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 751-762	16.6	25
107	Heart Rate Is a Better Predictor of Cardiorespiratory Fitness Than Heart Rate Variability in Overweight/Obese Children: The ActiveBrains Project. <i>Frontiers in Physiology</i> , 2019 , 10, 510	4.6	3
106	Intake of 12 food groups and disability-adjusted life years from coronary heart disease, stroke, type 2 diabetes, and colorectal cancer in 16 European countries. <i>European Journal of Epidemiology</i> , 2019 , 34, 765-775	12.1	22
105	Sleep duration and blood pressure in children: Analysis of the pan-European IDEFICS cohort. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 572-578	2.3	11
104	Reply to the letter to the editor: "Socioeconomic status and childhood metabolic syndrome". <i>International Journal of Cardiology</i> , 2019 , 283, 190-191	3.2	
103	A within-sibling pair analysis of lifestyle behaviours and BMI z-score in the multi-centre I.Family study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 580-589	4.5	6
102	Diet as moderator in the association of adiposity with inflammatory biomarkers among adolescents in the HELENA study. <i>European Journal of Nutrition</i> , 2019 , 58, 1947-1960	5.2	12
101	Estimated dietary intake of polyphenols in European adolescents: the HELENA study. <i>European Journal of Nutrition</i> , 2019 , 58, 2345-2363	5.2	23

100	Diet as a moderator in the association of sedentary behaviors with inflammatory biomarkers among adolescents in the HELENA study. <i>European Journal of Nutrition</i> , 2019 , 58, 2051-2065	5.2	12
99	The Role of Heart Rate on the Associations Between Body Composition and Heart Rate Variability in Children With Overweight/Obesity: The ActiveBrains Project. <i>Frontiers in Physiology</i> , 2019 , 10, 895	4.6	7
98	Biological underpinnings from psychosocial stress towards appetite and obesity during youth: research implications towards metagenomics, epigenomics and metabolomics. <i>Nutrition Research Reviews</i> , 2019 , 32, 282-293	7	13
97	Emotion-driven impulsiveness but not decision-making ability and cognitive inflexibility predicts weight status in adults. <i>Appetite</i> , 2019 , 142, 104367	4.5	2
96	School Policy on Drinking and Toilets: Weaknesses and Relation With Children's Hydration Status. <i>Journal of Nutrition Education and Behavior</i> , 2019 , 51, 32-40	2	5
95	Cross-sectional and longitudinal associations between psychosocial well-being and sleep in European children and adolescents. <i>Journal of Sleep Research</i> , 2019 , 28, e12783	5.8	16
94	Measuring nutritional knowledge using Item Response Theory and its validity in European adolescents. <i>Public Health Nutrition</i> , 2019 , 22, 419-430	3.3	3
93	How do energy balance-related behaviors cluster in adolescents?. <i>International Journal of Public Health</i> , 2019 , 64, 195-208	4	3
92	Food groups and risk of coronary heart disease, stroke and heart failure: A systematic review and dose-response meta-analysis of prospective studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 1071-1090	11.5	236
91	Parent-Reported BIS/BAS Scales for Children: Factor Structure and Measurement Invariance Across Age and Gender. <i>Assessment</i> , 2019 , 26, 1282-1295	3.7	4
90	Lifestyle patterns and endocrine, metabolic, and immunological biomarkers in European adolescents: The HELENA study. <i>Pediatric Diabetes</i> , 2019 , 20, 23-31	3.6	3
89	Longitudinal association between psychosocial stress and retinal microvasculature in children and adolescents. <i>Psychoneuroendocrinology</i> , 2018 , 92, 50-56	5	4
88	Associations of leptin, insulin and lipids with retinal microvasculature in children and adolescents. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018 , 31, 143-150	1.6	1
87	Associations between exclusive breastfeeding and physical fitness during childhood. <i>European Journal of Nutrition</i> , 2018 , 57, 545-555	5.2	7
86	Associations between a Mediterranean diet pattern and inflammatory biomarkers in European adolescents. <i>European Journal of Nutrition</i> , 2018 , 57, 1747-1760	5.2	31
85	Mediation of psychosocial determinants in the relation between socio-economic status and adolescents' diet quality. <i>European Journal of Nutrition</i> , 2018 , 57, 951-963	5.2	25
84	Prospective associations between dietary patterns and high sensitivity C-reactive protein in European children: the IDEFICS study. <i>European Journal of Nutrition</i> , 2018 , 57, 1397-1407	5.2	11
83	Timing of solid food introduction and association with later childhood overweight and obesity: The IDEFICS study. <i>Maternal and Child Nutrition</i> , 2018 , 14,	3.4	38

82	Children's cortisol and externalizing stress symptoms are predictors of adiponectin evolution over two years. <i>Biological Psychology</i> , 2018 , 131, 89-95	3.2	2
81	The association of emotion-driven impulsiveness, cognitive inflexibility and decision-making with weight status in European adolescents. <i>International Journal of Obesity</i> , 2018 , 42, 655-661	5.5	6
80	Disordered eating in three different age groups in Cyprus: a comparative cross-sectional study. <i>Public Health</i> , 2018 , 162, 104-110	4	3
79	Prospective associations between socioeconomically disadvantaged groups and metabolic syndrome risk in European children. Results from the IDEFICS study. <i>International Journal of Cardiology</i> , 2018 , 272, 333-340	3.2	19
78	Children's stress-related reports and stress biomarkers interact in their association with metabolic syndrome risk. <i>Stress and Health</i> , 2018 , 34, 523-533	3.7	2
77	Residential landscape as a predictor of psychosocial stress in the life course from childhood to adolescence. <i>Environment International</i> , 2018 , 120, 456-463	12.9	46
76	Psychosocial stress and inflammation driving tryptophan breakdown in children and adolescents: A cross-sectional analysis of two cohorts. <i>Psychoneuroendocrinology</i> , 2018 , 94, 104-111	5	11
75	Social vulnerability as a predictor of physical activity and screen time in European children. <i>International Journal of Public Health</i> , 2018 , 63, 283-295	4	14
74	Does the Mediterranean Diet Protect against Stress-Induced Inflammatory Activation in European Adolescents? The HELENA Study. <i>Nutrients</i> , 2018 , 10,	6.7	15
73	Stress and Eating Behavior: A Daily Diary Study in Youngsters. <i>Frontiers in Psychology</i> , 2018 , 9, 2657	3.4	15
72	Pre-obese children's dysbiotic gut microbiome and unhealthy diets may predict the development of obesity. <i>Communications Biology</i> , 2018 , 1, 222	6.7	41
71	Prospective associations between social vulnerabilities and children's weight status. Results from the IDEFICS study. <i>International Journal of Obesity</i> , 2018 , 42, 1691-1703	5.5	14
70	Food groups and risk of colorectal cancer. <i>International Journal of Cancer</i> , 2018 , 142, 1748-1758	7.5	110
69	Belgian primary school children's hydration status at school and its personal determinants. <i>European Journal of Nutrition</i> , 2017 , 56, 793-805	5.2	9
68	Fat and lean tissue accretion in relation to reward motivation in children. <i>Appetite</i> , 2017 , 108, 317-325	4.5	4
67	Associations between social vulnerabilities and psychosocial problems in European children. Results from the IDEFICS study. <i>European Child and Adolescent Psychiatry</i> , 2017 , 26, 1105-1117	5.5	11
66	Analysis of the association of leptin and adiponectin concentrations with metabolic syndrome in children: Results from the IDEFICS study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 543-551	4.5	28
65	Chronic Psychosocial Stress and Gut Health in Children: Associations With Calprotectin and Fecal Short-Chain Fatty Acids. <i>Psychosomatic Medicine</i> , 2017 , 79, 927-935	3.7	23

64	Body size ideals and dissatisfaction in Ghanaian adolescents: role of media, lifestyle and well-being. <i>Public Health</i> , 2017 , 146, 65-74	4	6
63	Body fat evolution as predictor of retinal microvasculature in children. <i>International Journal of Obesity</i> , 2017 , 41, 527-532	5.5	4
62	Association between dietary inflammatory index and inflammatory markers in the HELENA study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600707	5.9	118
61	Physical Fitness and Metabolic Syndrome in Children with Repaired Congenital Heart Disease Compared with Healthy Children. <i>Journal of Pediatrics</i> , 2017 , 191, 125-132	3.6	12
60	BIS/BAS Scale in Primary School Children: Parent-Child Agreement and Longitudinal Stability. <i>Behaviour Change</i> , 2017 , 34, 98-116	1.1	3
59	Prospective associations between dietary patterns and body composition changes in European children: the IDEFICS study. <i>Public Health Nutrition</i> , 2017 , 20, 3257-3265	3.3	14
58	Attention capacity in European adolescents: role of different health-related factors. The HELENA study. <i>European Journal of Pediatrics</i> , 2017 , 176, 1433-1437	4.1	1
57	Hand-to-foot bioelectrical impedance analysis to measure fat mass in healthy children: A comparison with air-displacement plethysmography. <i>Nutrition and Dietetics</i> , 2017 , 74, 516-520	2.5	0
56	Children's psychosocial stress and emotional eating: A role for leptin?. <i>International Journal of Eating Disorders</i> , 2017 , 50, 471-480	6.3	20
55	Longitudinal Associations of Leptin and Adiponectin with Heart Rate Variability in Children. <i>Frontiers in Physiology</i> , 2017 , 8, 498	4.6	14
54	Familial Resemblance in Dietary Intakes of Children, Adolescents, and Parents: Does Dietary Quality Play a Role?. <i>Nutrients</i> , 2017 , 9,	6.7	24
53	Associations between early body mass index trajectories and later metabolic risk factors in European children: the IDEFICS study. <i>European Journal of Epidemiology</i> , 2016 , 31, 513-25	12.1	28
52	Bidirectional associations between psychosocial well-being and body mass index in European children: longitudinal findings from the IDEFICS study. <i>BMC Public Health</i> , 2016 , 16, 949	4.1	17
51	Psychosocial Quality-of-Life, Lifestyle and Adiposity: A Longitudinal Study in Pre-schoolers (Ballabeina Study). <i>International Journal of Behavioral Medicine</i> , 2016 , 23, 383-392	2.6	10
50	Associations of reward sensitivity with food consumption, activity pattern, and BMI in children. <i>Appetite</i> , 2016 , 100, 189-96	4.5	37
49	Body size ideals, beliefs and dissatisfaction in Ghanaian adolescents: sociodemographic determinants and intercorrelations. <i>Public Health</i> , 2016 , 139, 112-120	4	2
48	Ready-to-eat cereals improve nutrient, milk and fruit intake at breakfast in European adolescents. <i>European Journal of Nutrition</i> , 2016 , 55, 771-779	5.2	23
47	Influence of physical fitness on cardio-metabolic risk factors in European children. The IDEFICS study. <i>International Journal of Obesity</i> , 2016 , 40, 1119-25	5.5	52

46	Pester power and its consequences: do European children's food purchasing requests relate to diet and weight outcomes?. <i>Public Health Nutrition</i> , 2016 , 19, 2393-403	3.3	20
45	The role of emotion regulation in childhood obesity: implications for prevention and treatment. <i>Nutrition Research Reviews</i> , 2016 , 29, 17-29	7	62
44	Determinant factors of physical fitness in European children. <i>International Journal of Public Health</i> , 2016 , 61, 573-82	4	62
43	European adolescent ready-to-eat-cereal (RTEC) consumers have a healthier dietary intake and body composition compared with non-RTEC consumers. <i>European Journal of Nutrition</i> , 2015 , 54, 653-64	5.2	20
42	Cross-lagged associations between children's stress and adiposity: the Children's Body Composition and Stress study. <i>Psychosomatic Medicine</i> , 2015 , 77, 50-8	3.7	23
41	The influence of dairy consumption, sedentary behaviour and physical activity on bone mass in Flemish children: a cross-sectional study. <i>BMC Public Health</i> , 2015 , 15, 717	4.1	19
40	The influence of dairy consumption and physical activity on ultrasound bone measurements in Flemish children. <i>Journal of Bone and Mineral Metabolism</i> , 2015 , 33, 192-200	2.9	18
39	Effect of the IDEFICS multilevel obesity prevention on children's sleep duration. <i>Obesity Reviews</i> , 2015 , 16 Suppl 2, 68-77	10.6	13
38	Longitudinal association between child stress and lifestyle. <i>Health Psychology</i> , 2015 , 34, 40-50	5	41
37	Validity of parentally reported versus measured weight, length and waist in 7- to 9-year-old children for use in follow-up studies. <i>European Journal of Pediatrics</i> , 2014 , 173, 921-8	4.1	7
36	Physical fitness reference standards in European children: the IDEFICS study. <i>International Journal of Obesity</i> , 2014 , 38 Suppl 2, S57-66	5.5	91
35	Self-reported sleep duration, white blood cell counts and cytokine profiles in European adolescents: the HELENA study. <i>Sleep Medicine</i> , 2014 , 15, 1251-8	4.6	46
34	The influence of parenting style on health related behavior of children: findings from the ChiBS study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 95	8.4	31
33	Children's sleep quality: relation with sleep duration and adiposity. <i>Public Health</i> , 2014 , 128, 488-90	4	23
32	No breakfast at home: association with cardiovascular disease risk factors in childhood. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 829-34	5.2	17
31	Reference values for leptin and adiponectin in children below the age of 10 based on the IDEFICS cohort. <i>International Journal of Obesity</i> , 2014 , 38 Suppl 2, S32-8	5.5	40
30	Blood lipids among young children in Europe: results from the European IDEFICS study. <i>International Journal of Obesity</i> , 2014 , 38 Suppl 2, S67-75	5.5	46
29	The association between childhood stress and body composition, and the role of stress-related lifestyle factors--cross-sectional findings from the baseline ChiBSD survey. <i>International Journal of Behavioral Medicine</i> , 2014 , 21, 292-301	2.6	28

28	Cross-sectional relationship between chronic stress and mineral concentrations in hair of elementary school girls. <i>Biological Trace Element Research</i> , 2013 , 153, 41-9	4.5	6
27	Hair minerals and metabolic health in Belgian elementary school girls. <i>Biological Trace Element Research</i> , 2013 , 151, 335-43	4.5	11
26	Cortisone in hair of elementary school girls and its relationship with childhood stress. <i>European Journal of Pediatrics</i> , 2013 , 172, 843-6	4.1	38
25	Children's heart rate variability as stress indicator: association with reported stress and cortisol. <i>Biological Psychology</i> , 2013 , 94, 433-40	3.2	92
24	Determinants and reference values of short-term heart rate variability in children. <i>European Journal of Applied Physiology</i> , 2013 , 113, 1477-88	3.4	64
23	Relation between salivary cortisol as stress biomarker and dietary pattern in children. <i>Psychoneuroendocrinology</i> , 2013 , 38, 1512-20	5	38
22	Parental and children's report of emotional problems: agreement, explanatory factors and event-emotion correlation. <i>Child and Adolescent Mental Health</i> , 2013 , 18, 180-186	2.2	13
21	Association between self-reported sleep duration and dietary quality in European adolescents. <i>British Journal of Nutrition</i> , 2013 , 110, 949-59	3.6	50
20	Determinants of Attrition to Follow-Up in a Multicentre Cohort Study in Children-Results from the IDEFICS Study. <i>Epidemiology Research International</i> , 2013 , 2013, 1-9		22
19	Intake and dietary sources of haem and non-haem iron among European adolescents and their association with iron status and different lifestyle and socio-economic factors. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 765-72	5.2	20
18	Children's sleep and autonomic function: low sleep quality has an impact on heart rate variability. <i>Sleep</i> , 2013 , 36, 1939-46	1.1	44
17	Prevalence and determinants of misreporting among European children in proxy-reported 24 h dietary recalls. <i>British Journal of Nutrition</i> , 2013 , 109, 1257-65	3.6	78
16	Caucasian children's fat mass: routine anthropometry v. air-displacement plethysmography. <i>British Journal of Nutrition</i> , 2013 , 109, 1528-37	3.6	8
15	Negative life events, emotions and psychological difficulties as determinants of salivary cortisol in Belgian primary school children. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1506-15	5	36
14	Intercorrelations between serum, salivary, and hair cortisol and child-reported estimates of stress in elementary school girls. <i>Psychophysiology</i> , 2012 , 49, 1072-81	4.1	43
13	Mineral concentrations in hair of Belgian elementary school girls: reference values and relationship with food consumption frequencies. <i>Biological Trace Element Research</i> , 2012 , 150, 56-67	4.5	16
12	Stress, emotional eating behaviour and dietary patterns in children. <i>Appetite</i> , 2012 , 59, 762-9	4.5	127
11	Children's morning and evening salivary cortisol: pattern, instruction compliance and sampling confounders. <i>Hormone Research in Paediatrics</i> , 2012 , 77, 27-35	3.3	37

10	Influence of birth weight on calcaneal bone stiffness in Belgian preadolescent children. <i>Calcified Tissue International</i> , 2012 , 91, 267-75	3.9	7
9	Prevalence of negative life events and chronic adversities in European pre- and primary-school children: results from the IDEFICS study. <i>Archives of Public Health</i> , 2012 , 70, 26	2.6	12
8	Children's Body composition and Stress - the ChiBS study: aims, design, methods, population and participation characteristics. <i>Archives of Public Health</i> , 2012 , 70, 17	2.6	32
7	Prevalence of psychosomatic and emotional symptoms in European school-aged children and its relationship with childhood adversities: results from the IDEFICS study. <i>European Child and Adolescent Psychiatry</i> , 2012 , 21, 253-65	5.5	28
6	Dietary fatty acid intake, its food sources and determinants in European adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. <i>British Journal of Nutrition</i> , 2012 , 108, 2261-73	3.6	21
5	Absence of Cortisol Awakening Response in Children and Salivary Cortisone as a Related, Promising Stress Marker. <i>Hormone Research in Paediatrics</i> , 2012 , 77, 135-136	3.3	
4	Determinants of vitamin D status in young children: results from the Belgian arm of the IDEFICS (Identification and Prevention of Dietary- and Lifestyle-Induced Health Effects in Children and Infants) Study. <i>Public Health Nutrition</i> , 2012 , 15, 1093-9	3.3	29
3	. <i>Högre Utbildning</i> , 2012 , 3,	5	2
2	Intra- and inter-observer reliability in anthropometric measurements in children. <i>International Journal of Obesity</i> , 2011 , 35 Suppl 1, S45-51	5.5	123
1	Emotional Eating After Manipulating Emotion Regulation: A Laboratory Study in Adolescents. <i>Behaviour Change</i> , 1-23	1.1	