Kayoung Lee

List of Publications by Year in descending order

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129 papers	2,973 citations	230014 27 h-index	50 g-index
133	133	133	6549
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Household marginal food security is associated with poorer self-rated health in Korean adults. Nutrition Research, 2022, 100, 33-41.	1.3	6
2	Food Security Moderates the Relationships of Muscle Mass with Metabolic Syndrome and Insulin Resistance. Journal of Bone Metabolism, 2022, 29, 23-33.	0.5	1
3	Moderation of Weight Misperception on the Associations Between Obesity Indices and Estimated Cardiovascular Disease Risk. International Journal of Behavioral Medicine, 2022, , 1.	0.8	0
4	Mediation of Grip Strength on the Association Between Self-Rated Health and Estimated Cardiovascular Disease Risk. Metabolic Syndrome and Related Disorders, 2022, , .	0.5	3
5	effects of weight misperception on the association between BMI and self-rated health in midlife and elderly Koreans. Archives of Gerontology and Geriatrics, 2022, 100, 104664.	1.4	4
6	Relationships of food security with skeletal muscle mass and handgrip strength by sex. Nutrition, 2022, 102, 111746.	1.1	2
7	Sarcopenic obesity and 10â€year cardiovascular disease risk scores in cancer survivors and nonâ€cancer participants using a nationwide survey. European Journal of Cancer Care, 2021, 30, e13365.	0.7	5
8	The association between occupational categories and grip strength in Korean male workers. International Archives of Occupational and Environmental Health, 2021, 94, 567-574.	1.1	2
9	The Association between Alcohol Consumption and Grip Strength in a Nationwide Survey. Journal of Bone Metabolism, 2021, 28, 41-50.	0.5	6
10	Weight underestimation and weight nonregulation behavior may be related to weak grip strength. Nutrition Research, 2021, 87, 41-48.	1.3	3
11	Bone Mediated and Moderated the Associations Between Sarcopenic Obesity Indices and Cardiovascular Disease Risk Scores. Calcified Tissue International, 2021, 109, 490-498.	1.5	0
12	Mediation and Moderation of Adiposity Indicators for the Association Between Grip Strength and Cardiovascular Disease Risk Scores. Metabolic Syndrome and Related Disorders, 2021, 19, 422-427.	0.5	1
13	Association Between Food Security and 10-Year Cardiovascular Disease Risk Differs by Gender and Weight Status. Metabolic Syndrome and Related Disorders, 2021, 19, 537-542.	0.5	1
14	Moderation Effect of Handgrip Strength on the Associations of Obesity and Metabolic Syndrome With Fatty Liver in Adolescents. Journal of Clinical Densitometry, 2020, 23, 278-285.	0.5	3
15	Eating behavior and metabolic syndrome over time. Eating and Weight Disorders, 2020, 25, 545-552.	1.2	19
16	Metabolic syndrome and weight status may modify the inverse association between handgrip strength and C-reactive protein in Korean adults. Nutrition Research, 2020, 74, 37-44.	1.3	2
17	Sex and Region-Specific Associations of Bone Mineral Content, Muscle Mass, and Fat Mass with Insulin Resistance. Metabolic Syndrome and Related Disorders, 2020, 18, 471-478.	0.5	1
18	Comparison of the associations between appendicular lean mass adjustment methods and cardiometabolic factors. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 2271-2278.	1.1	5

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19	Genetic and environmental associations between insulin resistance and weight-related traits and future weight change. Nutrition, 2020, 79-80, 110939.	1.1	1
20	Association of osteosarcopenic obesity and its components: osteoporosis, sarcopenia and obesity with insulin resistance. Journal of Bone and Mineral Metabolism, 2020, 38, 695-701.	1.3	14
21	Relationship between Decreased Estimated Glomerular Filtration Rate and Sarcopenic Obesity among Postmenopausal Women: Korea National Health and Nutrition Examination Survey (2008–2011). Korean Journal of Family Medicine, 2020, 41, 332-338.	0.4	5
22	Relationship between Sleep Time and Hand Grip Strength on Weekday and Weekend. Korean Journal of Health Promotion, 2020, 20, 33-39.	0.1	0
23	Letter: Obesity Fact Sheet in Korea, 2018: Data Focusing on Waist Circumference and Obesity-Related Comorbidities (J Obes Metab Syndr 2019;28:236-45). Journal of Obesity and Metabolic Syndrome, 2020, 29, 233-234.	1.5	0
24	The Relationship Between Housing Types and Metabolic and Weight Phenotypes: A Nationwide Survey. Metabolic Syndrome and Related Disorders, 2019, 17, 129-136.	0.5	2
25	Genetic and environmental relationships between eating behavior and symptoms of anxiety and depression. Eating and Weight Disorders, 2019, 24, 887-895.	1.2	7
26	Estimation of weight status and weight-loss efforts in Korean adults with non-obesity considering metabolic syndrome. Eating and Weight Disorders, 2019, 24, 135-142.	1.2	2
27	Reply to comment to: Blood mercury concentration in relation to metabolic and weight phenotypes using the KNHANES 2011–2013 data. International Archives of Occupational and Environmental Health, 2018, 91, 249-249.	1.1	0
28	Genetic and Environmental Influences on the Associations Between Uric Acid Levels and Metabolic Syndrome Over Time. Metabolic Syndrome and Related Disorders, 2018, 16, 299-304.	0.5	1
29	Association Between Excessive Alcohol Consumption and Echocardiographic Parameters According to the Presence of Flushing Reaction in Korean Men: A Communityâ€Based Study. Alcoholism: Clinical and Experimental Research, 2018, 42, 897-903.	1.4	1
30	Blood mercury concentration in relation to metabolic and weight phenotypes using the KNHANES 2011–2013 data. International Archives of Occupational and Environmental Health, 2018, 91, 185-193.	1.1	22
31	Genetic influence on serum 25-hydroxyvitamin D concentration in Korean men: a cross-sectional study. Genes and Nutrition, 2018, 13, 33.	1.2	4
32	Sexâ€Specific Associations of Riskâ€Based Alcohol Drinking Level with Cardiovascular Risk Factors and the 10â€Year Cardiovascular Disease Risk Scores. Alcoholism: Clinical and Experimental Research, 2018, 42, 1503-1510.	1.4	2
33	Educational Disparities in Risk for Metabolic Syndrome. Metabolic Syndrome and Related Disorders, 2018, 16, 416-424.	0.5	25
34	Mammographic Density and Circulating Sex Hormones: a Cross-Sectional Study in Postmenopausal Korean Women. Hormones and Cancer, 2018, 9, 383-390.	4.9	2
35	Relationship Between Handgrip Strength and Nonalcoholic Fatty Liver Disease: Nationwide Surveys. Metabolic Syndrome and Related Disorders, 2018, 16, 497-503.	0.5	18
36	Understanding the Association Pattern of Body Mass Index with Risk of Mortality among Participants with Diabetes. Journal of Obesity and Metabolic Syndrome, 2018, 27, 201-202.	1.5	0

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37	Genetic and environmental influences on the associations between change in kidney function and changes in cardiometabolic factors in Koreans. Clinical and Experimental Nephrology, 2017, 21, 474-480.	0.7	4
38	Associations Between Adiposity and Metabolic Syndrome Over Time: The Healthy Twin Study. Metabolic Syndrome and Related Disorders, 2017, 15, 124-129.	0.5	5
39	The effect of heritability and host genetics on the gut microbiota and metabolic syndrome. Gut, 2017, 66, 1031-1038.	6.1	283
40	Crossâ€sectional association between testosterone, sex hormoneâ€binding globulin and metabolic syndrome: The Healthy Twin Study. Clinical Endocrinology, 2017, 87, 523-531.	1.2	23
41	Lung function and impaired kidney function in relation to metabolic syndrome. International Urology and Nephrology, 2017, 49, 1217-1223.	0.6	5
42	Genetic and Environmental Influences on General Skin Traits: Healthy Twins and Families in Korea. Twin Research and Human Genetics, 2017, 20, 36-42.	0.3	1
43	Muscle Mass and Body Fat in Relation to Cardiovascular Risk Estimation and Lipid-Lowering Eligibility. Journal of Clinical Densitometry, 2017, 20, 247-255.	0.5	16
44	Differences in genetic and environmental variation in adult BMI by sex, age, time period, and region: an individual-based pooled analysis of 40 twin cohorts. American Journal of Clinical Nutrition, 2017, 106, 457-466.	2.2	107
45	Genetic and Environmental Relationships Between Depressive and Anxiety Symptoms and Cardiovascular Risk Estimates Among Korean Twins and Families. Twin Research and Human Genetics, 2017, 20, 533-540.	0.3	2
46	Association between Lumbar Bone Mineral Density and Carotid Intima-Media Thickness in Korean Adults: a Cross-sectional Study of Healthy Twin Study. Journal of Korean Medical Science, 2017, 32, 70.	1.1	9
47	Metabolic syndrome in Korean adolescents and young adult offspring and their parents. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 713-718.	0.3	5
48	Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994. ELife, 2016, 5, .	2.8	42
49	Metabolic Syndrome and Decreased Estimated Glomerular Filtration Rate in Relation to Muscle Mass. Metabolic Syndrome and Related Disorders, 2016, 14, 404-409.	0.5	1
50	Analysis of the association between host genetics, smoking, and sputum microbiota in healthy humans. Scientific Reports, 2016, 6, 23745.	1.6	58
51	Twin's Birth-Order Differences in Height and Body Mass Index From Birth to Old Age: A Pooled Study of 26 Twin Cohorts Participating in the CODATwins Project. Twin Research and Human Genetics, 2016, 19, 112-124.	0.3	21
52	Parental and offspring factors in offspring's weight-loss efforts. Eating and Weight Disorders, 2016, 21, 679-685.	1.2	1
53	Estimated glomerular filtration rate and albuminuria in Korean population evaluated for cardiovascular risk. International Urology and Nephrology, 2016, 48, 759-764.	0.6	3
54	Multiple susceptibility loci at chromosome 11q23.3 are associated with plasma triglyceride in East Asians. Journal of Lipid Research, 2016, 57, 318-324.	2.0	27

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55	Sub-clinical detection of gut microbial biomarkers of obesity and type 2 diabetes. Genome Medicine, 2016, 8, 17.	3.6	219
56	Associations between Subjective Stress Level, Health-related Habits, and Obesity according to Gender (Korean J Obes 2015;24:156-65). The Korean Journal of Obesity, 2016, 25, 41-42.	0.2	0
57	Zygosity Differences in Height and Body Mass Index of Twins From Infancy to Old Age: A Study of the CODATwins Project. Twin Research and Human Genetics, 2015, 18, 557-570.	0.3	24
58	The CODATwins Project: The Cohort Description of Collaborative Project of Development of Anthropometrical Measures in Twins to Study Macro-Environmental Variation in Genetic and Environmental Effects on Anthropometric Traits. Twin Research and Human Genetics, 2015, 18, 348-360.	0.3	55
59	Genetic and environmental influence on the association between testosterone, sex hormoneâ€binding globulin and body composition in <scp>K</scp> orean men. Clinical Endocrinology, 2015, 83, 236-245.	1.2	5
60	Genetic and baseline metabolic factors for incident diabetes and HbA _{1c} at followâ€up: the healthy twin study. Diabetes/Metabolism Research and Reviews, 2015, 31, 376-384.	1.7	5
61	Genetic and Environmental Relationships of Metabolic and Weight Phenotypes to Metabolic Syndrome and Diabetes: The Healthy Twin Study. Metabolic Syndrome and Related Disorders, 2015, 13, 36-44.	0.5	11
62	Metabolic Syndrome and Osteoporosis in Relation to Muscle Mass. Calcified Tissue International, 2015, 97, 487-494.	1.5	12
63	Adiponectin Levels and Longitudinal Changes in Metabolic Syndrome: The Healthy Twin Study. Metabolic Syndrome and Related Disorders, 2015, 13, 312-318.	0.5	8
64	Some personality traits converge gradually by long-term partnership through the lifecourse – Genetic and environmental structure of Cloninger's temperament and character dimensions. Journal of Psychiatric Research, 2015, 63, 43-49.	1.5	10
65	Longitudinal relationships of metabolic syndrome and obesity with kidney function: Healthy Twin Study. Clinical and Experimental Nephrology, 2015, 19, 887-894.	0.7	32
66	Changes in Weight and Cardiovascular Disease Risk Factors in Monozygotic Twins: The Healthy Twin Study. Twin Research and Human Genetics, 2015, 18, 151-157.	0.3	2
67	Is FEV1 an indicator of low bone mineral density in adults? The Fifth Korea National Health and Nutrition Examination Survey. Journal of Bone and Mineral Metabolism, 2015, 33, 335-341.	1.3	1
68	Long-term Weight Loss Maintenance. The Korean Journal of Obesity, 2015, 24, 179-183.	0.2	2
69	Dietary Restraint Is Non-Genetically Associated with Change in Body Mass Index: The Healthy Twin Study. Yonsei Medical Journal, 2014, 55, 1138.	0.9	2
70	Genetic Influences on Hallux Valgus in Koreans: The Healthy Twin Study. Twin Research and Human Genetics, 2014, 17, 121-126.	0.3	23
71	Genetic and Environmental Relationships Between Change in Weight and Insulin Resistance: The Healthy Twin Study. Twin Research and Human Genetics, 2014, 17, 199-205.	0.3	4
72	10-year risk for atherosclerotic cardiovascular disease and coronary heart disease among Korean adults: Findings from the Korean National Health and Nutrition Examination Survey 2009–2010. International Journal of Cardiology, 2014, 176, 418-422.	0.8	10

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73	Stability of Gut Enterotypes in Korean Monozygotic Twins and Their Association with Biomarkers and Diet. Scientific Reports, 2014, 4, 7348.	1.6	124
74	Peer assessment of small-group presentations by medical students and its implications. Korean Journal of Medical Education, 2014, 26, 31-40.	0.6	4
75	The Relationship between Body Fat Percent and Bone Mineral Density in Korean Adolescents: The Fifth Korea National Health and Nutrition Examination Survey (KNHANES V-1), 2010. Korean Journal of Family Medicine, 2014, 35, 303.	0.4	11
76	Eating behaviors and weight over time in a prospective study: the Healthy Twin Study. Asia Pacific Journal of Clinical Nutrition, 2014, 23, 76-83.	0.3	7
77	Sarcopenia in Korean Elderly Men. The Korean Journal of Obesity, 2014, 23, 91.	0.2	1
78	Sex-specific relationships between insulin resistance and bone mineral content in Korean adolescents. Journal of Bone and Mineral Metabolism, 2013, 31, 177-182.	1.3	16
79	The Healthy Twin Study, Korea Updates: Resources for Omics and Genome Epidemiology Studies. Twin Research and Human Genetics, 2013, 16, 241-245.	0.3	38
80	Changes in eating behaviors and body weight in Koreans: The Healthy Twin Study. Nutrition, 2013, 29, 66-70.	1.1	13
81	Genetic and environmental influences on sodium intake determined by using half-day urine samples: the Healthy Twin Study. American Journal of Clinical Nutrition, 2013, 98, 1410-1416.	2.2	13
82	Which Liver Enzymes Are Better Indicators of Metabolic Syndrome in Adolescents: The Fifth Korea National Health and Nutrition Examination Survey, 2010. Metabolic Syndrome and Related Disorders, 2013, 11, 229-235.	0.5	30
83	Genetic and Environmental Associations Between C-Reactive Protein and Components of the Metabolic Syndrome. Metabolic Syndrome and Related Disorders, 2013, 11, 136-142.	0.5	11
84	Association of the Vaginal Microbiota with Human Papillomavirus Infection in a Korean Twin Cohort. PLoS ONE, 2013, 8, e63514.	1.1	254
85	Vitamin C modulates lead excretion in rats. Anatomy and Cell Biology, 2013, 46, 239.	0.5	20
86	Differential Association of Adiposity Measures with Heart Rate Variability Measures in Koreans. Yonsei Medical Journal, 2013, 54, 55.	0.9	30
87	Measures of Eating Behaviors. The Korean Journal of Obesity, 2013, 22, 73.	0.2	1
88	Regional percent fat and bone mineral density in Korean adolescents: the Fourth Korea National Health and Nutrition Examination Survey (KNHANES IV-3), 2009. Asia Pacific Journal of Clinical Nutrition, 2013, 22, 69-73.	0.3	5
89	Segment-specific carotid intima-media thickness and cardiovascular risk factors in Koreans: the Healthy Twin Study. European Journal of Preventive Cardiology, 2012, 19, 1161-1172.	0.8	16
90	Phenotypic and Genetic Relationships between Kidney Function and Carotid Intima-Media Thickness in Koreans: The Healthy Twin Study. Kidney and Blood Pressure Research, 2012, 35, 259-264.	0.9	6

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91	Gender-specific relationships between alcohol drinking patterns and metabolic syndrome: the Korea National Health and Nutrition Examination Survey 2008. Public Health Nutrition, 2012, 15, 1917-1924.	1.1	44
92	Epidemiologic Characteristics of Intraocular Pressure in the Korean and Mongolian Populations: The Healthy Twin and the GENDISCAN Study. Ophthalmology, 2012, 119, 450-457.	2.5	37
93	The association between fat and lean mass and bone mineral density: The Healthy Twin Study. Bone, 2012, 50, 1006-1011.	1.4	69
94	Sex-specific relationships between alcohol consumption and vitamin D levels: The Korea National Health and Nutrition Examination Survey 2009. Nutrition Research and Practice, 2012, 6, 86.	0.7	29
95	Soft Tissue Composition and the Risk of Low Bone Mineral Density: The Fourth Korea National Health and Nutrition Examination Survey (KNHANES IV-3), 2009. Calcified Tissue International, 2012, 90, 186-192.	1.5	8
96	Weight-related behaviors among non-overweight adolescents: results from the Korean national survey from 2005 to 2007. Asia Pacific Journal of Clinical Nutrition, 2012, 21, 215-9.	0.3	6
97	Heritabilities of Alcohol Use Disorders Identification Test (AUDIT) scores and alcohol biomarkers in Koreans: The KoGES (Korean Genome Epi Study) and Healthy Twin Study. Drug and Alcohol Dependence, 2011, 113, 104-109.	1.6	13
98	High-Density Lipoprotein Cholesterol, Obesity, and Mammographic Density in Korean Women: The Healthy Twin Study. Journal of Epidemiology, 2011, 21, 52-60.	1.1	14
99	Reproductive factors associated with mammographic density: a Korean co-twin control study. Breast Cancer Research and Treatment, 2011, 128, 567-572.	1.1	15
100	The relationship between bone mineral density and mammographic density in Korean women: The Healthy Twin study. Breast Cancer Research and Treatment, 2011, 129, 583-591.	1.1	9
101	Sex Difference between Body Composition and Weight-Bearing Bone Mineral Density in Korean Adult Twins: Healthy Twin Study. Calcified Tissue International, 2011, 88, 495-502.	1.5	5
102	Relationships Between State and Trait Anxiety Inventory and Alcohol Use Disorder Identification Test Scores Among Korean Twins and Families: The Healthy Twin Study. Twin Research and Human Genetics, 2011, 14, 73-78.	0.3	9
103	Association of Heart Rate Variability with the Framingham Risk Score in Healthy Adults. Korean Journal of Family Medicine, 2011, 32, 334.	0.4	16
104	Genetic influences on mammographic density in Korean twin and family: the Healthy Twin study. Breast Cancer Research and Treatment, 2010, 124, 467-474.	1.1	20
105	Heritability of Eating Behavior Assessed Using the DEBQ (Dutch Eating Behavior Questionnaire) and Weightâ€related Traits: The Healthy Twin Study. Obesity, 2010, 18, 1000-1005.	1.5	67
106	The Relationship of Weightâ€Related Attitudes With Suicidal Behaviors in Korean Adolescents. Obesity, 2010, 18, 2145-2151.	1.5	30
107	Sociodemographic Status and Self-Reported BMI-related Morbidity in Koreans. Yonsei Medical Journal, 2010, 51, 171.	0.9	2
108	Association of Body Size Measurements and Mammographic Density in Korean Women: The Healthy Twin Study. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 1523-1531.	1.1	32

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109	Validity of the Zygosity Questionnaire and Characteristics of Zygosity-Misdiagnosed Twin Pairs in the Healthy Twin Study of Korea. Twin Research and Human Genetics, 2010, 13, 223-230.	0.3	63
110	Usefulness of the metabolic syndrome criteria as predictors of insulin resistance among obese Korean women. Public Health Nutrition, 2010, 13, 181-186.	1.1	5
111	Metabolic syndrome predicts the incidence of hepatic steatosis in Koreans. Obesity Research and Clinical Practice, 2010, 4, e217-e224.	0.8	6
112	Reliability and Validity of Korean Version of Questionnaire for Weight Bias Measurement. Korean Journal of Family Medicine, 2010, 31, 461.	0.4	3
113	Factors Related to Eating Behavior Assessed Using the Dutch Eating Behavior Questionnaire and Change of Eating Behavior after Receiving Weight Reduction Treatment. Korean Journal of Family Medicine, 2010, 31, 361.	0.4	3
114	Cardiovascular risk prevalence, awareness, treatment, and control from 1998 to 2007 in Koreans. Asia Pacific Journal of Clinical Nutrition, 2010, 19, 261-5.	0.3	11
115	The roles of obesity and gender on the relationship between metabolic risk factors and nonâ€elcoholic fatty liver disease in Koreans. Diabetes/Metabolism Research and Reviews, 2009, 25, 150-155.	1.7	37
116	Weight Loss Surgery Eligibility According to Various BMI Criteria Among Adolescents. Obesity, 2009, 17, 150-155.	1.5	11
117	Heritabilities of the Metabolic Syndrome Phenotypes and Related Factors in Korean Twins. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4946-4952.	1.8	46
118	The Relationship between Relative BMI Change and Height Growth among Overweight Children. Korean Journal of Family Medicine, 2009, 30, 688.	0.4	1
119	Metabolically obese but normal weight (MONW) and metabolically healthy but obese (MHO) phenotypes in Koreans: characteristics and health behaviors. Asia Pacific Journal of Clinical Nutrition, 2009, 18, 280-4.	0.3	88
120	Which Obesity Indicators Are Better Predictors of Metabolic Risk?: Healthy Twin Study. Obesity, 2008, 16, 834-840.	1.5	78
121	Waist circumference, dual-energy X-ray absortiometrically measured abdominal adiposity, and computed tomographically derived intra-abdominal fat area on detecting metabolic risk factors in obese women. Nutrition, 2008, 24, 625-631.	1.1	92
122	Waist circumference percentile criteria for the pediatric metabolic syndrome in Korean adolescents. Asia Pacific Journal of Clinical Nutrition, 2008, 17, 422-8.	0.3	6
123	Parent-Reported Appetite of a Child and the Child's Weight Status Over a 2-Year Period in Korean Children. Journal of the American Dietetic Association, 2007, 107, 678-680.	1.3	5
124	Percent body fat cutoff values for classifying overweight and obesity recommended by the International Obesity Task Force (IOTF) in Korean children. Asia Pacific Journal of Clinical Nutrition, 2007, 16, 649-55.	0.3	18
125	Self-assessment of Height, Weight, and Sexual Maturation: Validity in Overweight Children and Adolescents. Journal of Adolescent Health, 2006, 39, 346-352.	1.2	37
126	Do we need more twin studies? The Healthy Twin Study, Korea. International Journal of Epidemiology, 2006, 35, 488-490.	0.9	20

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#	Article	IF	CITATION
127	Healthy Twin: A Twin-Family Study of Korea — Protocols and Current Status. Twin Research and Human Genetics, 2006, 9, 844-848.	0.3	114
128	Healthy Twin: a twin-family study of Koreaprotocols and current status. Twin Research and Human Genetics, 2006, 9, 844-8.	0.3	70
129	Weight and BMI over 6 years in Korean Children: Relationships to Body Image and Weight Loss Efforts. Obesity, 2004, 12, 1959-1966.	4.0	23