

Aline Meirhaeghe

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

18,933
citations

76326

40
h-index

20961

115
g-index

118
all docs

118
docs citations

118
times ranked

33631
citing authors

#	ARTICLE	IF	CITATIONS
1	Interplay of physical activity and genetic variants of the endothelial lipase on cardiovascular disease risk factors. <i>Pediatric Research</i> , 2022, 91, 929-936.	2.3	2
2	Comparison of clinical profiles and care for patients with incident versus recurrent acute coronary syndromes in France: Data from the MONICA registries. <i>PLoS ONE</i> , 2022, 17, e0263589.	2.5	3
3	Trends of in-hospital and out-of-hospital coronary heart disease mortality in French registries during the period 2000 to 2016. <i>Annals of Epidemiology</i> , 2022, 69, 34-40.	1.9	2
4	Development of a Genetic Risk Score to predict the risk of overweight and obesity in European adolescents from the HELENA study. <i>Scientific Reports</i> , 2021, 11, 3067.	3.3	17
5	Large disparities in 28-day case fatality by stroke subtype: data from a French stroke registry between 2008 and 2017. <i>European Journal of Neurology</i> , 2021, 28, 2208-2217.	3.3	4
6	The relationship between neighbourhood walkability and cardiovascular risk factors in northern France. <i>Science of the Total Environment</i> , 2021, 772, 144877.	8.0	11
7	Interplay between the Mediterranean diet and C-reactive protein genetic polymorphisms towards inflammation in adolescents. <i>Clinical Nutrition</i> , 2020, 39, 1919-1926.	5.0	16
8	PCSK9 post-transcriptional regulation: Role of a 3'UTR microRNA-binding site variant in linkage disequilibrium with c.1420G. <i>Atherosclerosis</i> , 2020, 314, 63-70.	0.8	7
9	Interaction Effect of the Mediterranean Diet and an Obesity Genetic Risk Score on Adiposity and Metabolic Syndrome in Adolescents: The HELENA Study. <i>Nutrients</i> , 2020, 12, 3841.	4.1	11
10	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , 2020, 35, 685-697.	5.7	9
11	Coronary heart disease incidence still decreased between 2006 and 2014 in France, except in young age groups: Results from the French MONICA registries. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1178-1186.	1.8	14
12	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.	2.9	5
13	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. <i>JAMA Network Open</i> , 2019, 2, e1910915.	5.9	41
14	Association between <i>UCP1</i> , <i>UCP2</i> , and <i>UCP3</i> gene polymorphisms with markers of adiposity in European adolescents: The HELENA study. <i>Pediatric Obesity</i> , 2019, 14, e12504.	2.8	10
15	Sex Differences in Stroke Attack, Incidence, and Mortality Rates in Northern France. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1368-1374.	1.6	17
16	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018, 47, 872-883i.	1.9	65
17	Associations between REV-ERB α , sleep duration and body mass index in European adolescents. <i>Sleep Medicine</i> , 2018, 46, 56-60.	1.6	12
18	Dietary linoleic acid interacts with FADS1 genetic variability to modulate HDL-cholesterol and obesity-related traits. <i>Clinical Nutrition</i> , 2018, 37, 1683-1689.	5.0	25

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19	Low-grade systemic inflammation: a partial mediator of the relationship between diabetes and lung function. <i>Annals of Epidemiology</i> , 2018, 28, 26-32.	1.9	15
20	Identification of a functional FADS1 3'UTR variant associated with erythrocyte n-6 polyunsaturated fatty acids levels. <i>Journal of Clinical Lipidology</i> , 2018, 12, 1280-1289.	1.5	6
21	Associations between long-term exposure to air pollution, glycosylated hemoglobin, fasting blood glucose and diabetes mellitus in northern France. <i>Environment International</i> , 2018, 120, 121-129.	10.0	56
22	Comparison of the rates of stroke and acute coronary events in northern France. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1534-1542.	1.8	5
23	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017, 390, 2627-2642.	13.7	5,010
24	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants. <i>Lancet, The</i> , 2017, 389, 37-55.	13.7	1,667
25	How obesity relates to socio-economic status: identification of eating behavior mediators. <i>International Journal of Obesity</i> , 2016, 40, 1794-1801.	3.4	51
26	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016, 387, 1513-1530.	13.7	2,842
27	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants. <i>Lancet, The</i> , 2016, 387, 1377-1396.	13.7	3,941
28	Dietary fat intake modifies the influence of the FTO rs9939609 polymorphism on adiposity in adolescents: The HELENA cross-sectional study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 937-943.	2.6	19
29	Multiple microRNA regulation of lipoprotein lipase gene abolished by 3'UTR polymorphisms in a triglyceride-lowering haplotype harboring p.Ser474Ter. <i>Atherosclerosis</i> , 2016, 246, 280-286.	0.8	23
30	Associations of early life and sociodemographic factors with menarcheal age in European adolescents. <i>European Journal of Pediatrics</i> , 2015, 174, 271-278.	2.7	4
31	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. <i>Diabetes</i> , 2015, 64, 1841-1852.	0.6	63
32	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331.288 participants. <i>Lancet Diabetes and Endocrinology, the</i> , 2015, 3, 624-637.	11.4	139
33	Is the adiposity-associated <i>FTO</i> gene variant related to all-cause mortality independent of adiposity? Meta-analysis of data from 169,551 Caucasian adults. <i>Obesity Reviews</i> , 2015, 16, 327-340.	6.5	8
34	Examination of the brain natriuretic peptide rs198389 single-nucleotide polymorphism on type 2 diabetes mellitus and related phenotypes in an Algerian population. <i>Gene</i> , 2015, 567, 159-163.	2.2	5
35	The n-3 long-chain PUFAs modulate the impact of the GCKR Pro446Leu polymorphism on triglycerides in adolescents. <i>Journal of Lipid Research</i> , 2015, 56, 1774-1780.	4.2	12
36	Effects of established blood pressure loci on blood pressure values and hypertension risk in an Algerian population sample. <i>Journal of Human Hypertension</i> , 2015, 29, 296-302.	2.2	6

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37	Cardiorespiratory fitness and ideal cardiovascular health in European adolescents. <i>Heart</i> , 2015, 101, 766-773.	2.9	79
38	Associations of common SNPs in the SORT1, GCKR, LPL, APOA1, CETP, LDLR, APOE genes with lipid trait levels in an Algerian population sample. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 7358-63.	0.5	6
39	Combined effect of established BMI loci on obesity-related traits in an Algerian population sample. <i>BMC Genetics</i> , 2014, 15, 128.	2.7	5
40	Hypomethylation of the promoter of the catalytic subunit of protein phosphatase 2A in response to hyperglycemia. <i>Physiological Reports</i> , 2014, 2, e12076.	1.7	6
41	The TCF7L2rs7903146 polymorphism, dietary intakes and type 2 diabetes risk in an Algerian population. <i>BMC Genetics</i> , 2014, 15, 134.	2.7	24
42	Associations of genetic variants in/near body mass index-associated genes with type 2 diabetes: a systematic meta-analysis. <i>Clinical Endocrinology</i> , 2014, 81, 702-710.	2.4	35
43	Effects of established BMI-associated loci on obesity-related traits in a French representative population sample. <i>BMC Genetics</i> , 2014, 15, 62.	2.7	19
44	Physical Activity Modifies the Associations between Genetic Variants and Blood Pressure in European Adolescents. <i>Journal of Pediatrics</i> , 2014, 165, 1046-1049.e2.	1.8	6
45	Impact of REV-ERB alpha gene polymorphisms on obesity phenotypes in adult and adolescent samples. <i>International Journal of Obesity</i> , 2013, 37, 666-672.	3.4	42
46	Thyroid hormone receptor alpha gene variants increase the risk of developing obesity and show gene-diet interactions. <i>International Journal of Obesity</i> , 2013, 37, 1499-1505.	3.4	16
47	Impact of APOE gene polymorphisms on the lipid profile in an Algerian population. <i>Lipids in Health and Disease</i> , 2013, 12, 155.	3.0	28
48	CD36 and SR-BI Are Involved in Cellular Uptake of Provitamin A Carotenoids by Caco-2 and HEK Cells, and Some of Their Genetic Variants Are Associated with Plasma Concentrations of These Micronutrients in Humans. <i>Journal of Nutrition</i> , 2013, 143, 448-456.	2.9	109
49	Genetic and Molecular Insights Into the Role of <i>PROX1</i> in Glucose Metabolism. <i>Diabetes</i> , 2013, 62, 1738-1745.	0.6	38
50	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	21.4	293
51	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, 765-772.	2.9	24
52	Intake and dietary sources of haem and non-haem iron in Flemish preschoolers. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 806-812.	2.9	10
53	Body size at birth modifies the effect of fat mass and obesity associated (<i>FTO</i>) rs9939609 polymorphism on adiposity in adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>British Journal of Nutrition</i> , 2012, 107, 1498-1504.	2.3	11
54	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012, 44, 526-531.	21.4	352

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55	Study of thyroid hormone receptor alpha gene polymorphisms on Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011, 32, 624-630.	3.1	16
56	Associations between common genetic polymorphisms in the liver X receptor alpha and its target genes with the serum HDL-cholesterol concentration in adolescents of the HELENA Study. <i>Atherosclerosis</i> , 2011, 216, 166-169.	0.8	18
57	The Effect of Ponderal Index at Birth on the Relationships Between Common <i>LEP</i> and <i>LEPR</i> Polymorphisms and Adiposity in Adolescents. <i>Obesity</i> , 2011, 19, 2038-2045.	3.0	16
58	Association between the FTO rs9939609 polymorphism and leptin in European adolescents: a possible link with energy balance control. The HELENA study. <i>International Journal of Obesity</i> , 2011, 35, 66-71.	3.4	42
59	Common polymorphisms in six genes of the methyl group metabolism pathway and obesity in European adolescents. <i>Pediatric Obesity</i> , 2011, 6, e336-e344.	3.2	9
60	Association Between a Thyroid Hormone Receptor- β Gene Polymorphism and Blood Pressure but Not With Coronary Heart Disease Risk. <i>American Journal of Hypertension</i> , 2011, 24, 1027-1034.	2.0	12
61	FADS1 Genetic Variability Interacts with Dietary ω -Linolenic Acid Intake to Affect Serum Non-HDL Cholesterol Concentrations in European Adolescents. <i>Journal of Nutrition</i> , 2011, 141, 1247-1253.	2.9	45
62	Study of Estrogen Receptor- α and Receptor- β Gene Polymorphisms on Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 431-439.	2.6	18
63	Polymorphisms in the CD36/FAT gene are associated with plasma vitamin E concentrations in humans. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 644-651.	4.7	43
64	Physical Activity Attenuates the Effect of Low Birth Weight on Insulin Resistance in Adolescents. <i>Diabetes</i> , 2011, 60, 2295-2299.	0.6	30
65	Mendelian Randomization Study of B-Type Natriuretic Peptide and Type 2 Diabetes: Evidence of Causal Association from Population Studies. <i>PLoS Medicine</i> , 2011, 8, e1001112.	8.4	92
66	Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. <i>PLoS Medicine</i> , 2011, 8, e1001116.	8.4	446
67	Suggestive evidence of associations between liver X receptor β polymorphisms with type 2 diabetes mellitus and obesity in three cohort studies: HUNT2 (Norway), MONICA (France) and HELENA (Europe). <i>BMC Medical Genetics</i> , 2010, 11, 144.	2.1	25
68	Single nucleotide Polymorphism of CD36 Locus and Obesity in European Adolescents. <i>Obesity</i> , 2010, 18, 1398-1403.	3.0	58
69	Influence of maternal educational level on the association between the rs3809508 neuromedin B gene polymorphism and the risk of obesity in the HELENA study. <i>International Journal of Obesity</i> , 2010, 34, 478-486.	3.4	20
70	Attenuation of the Effect of the FTO rs9939609 Polymorphism on Total and Central Body Fat by Physical Activity in Adolescents. <i>JAMA Pediatrics</i> , 2010, 164, 328.	3.0	101
71	Single nucleotide polymorphisms in the FADS gene cluster are associated with delta-5 and delta-6 desaturase activities estimated by serum fatty acid ratios. <i>Journal of Lipid Research</i> , 2010, 51, 2325-2333.	4.2	153
72	Breast-Feeding Modulates the Influence of the Peroxisome Proliferator-Activated Receptor- γ (PPAR γ) Pro12Ala Polymorphism on Adiposity in Adolescents: The Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) cross-sectional study. <i>Diabetes Care</i> , 2010, 33, 190-196.	8.6	22

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73	Concordance of two multiple analytical approaches demonstrate that interaction between BMI and ADIPOQ haplotypes is a determinant of LDL cholesterol in a general French population. <i>Journal of Human Genetics</i> , 2010, 55, 227-231.	2.3	3
74	No association between polymorphisms in the INSIG1 gene and the risk of type 2 diabetes and related traits. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 252-257.	4.7	11
75	Triglyceride-mediated pathways and coronary heart disease. <i>Lancet, The</i> , 2010, 376, 956-957.	13.7	6
76	Peroxisome Proliferator-Activated Receptor Gamma Polymorphisms and Coronary Heart Disease. <i>PPAR Research</i> , 2009, 2009, 1-11.	2.4	25
77	Early Life Programming of Abdominal Adiposity in Adolescents: The HELENA Study. <i>Diabetes Care</i> , 2009, 32, 2120-2122.	8.6	46
78	Associations between Common Genetic Polymorphisms in Angiotensin-Like Proteins 3 and 4 and Lipid Metabolism and Adiposity in European Adolescents and Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 5070-5077.	3.6	32
79	Effect of an FTO polymorphism on fat mass, obesity, and type 2 diabetes mellitus in the French MONICA Study. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 971-975.	3.4	70
80	Association between angiotensin-like 6 (ANGPTL6) gene polymorphisms and metabolic syndrome-related phenotypes in the French MONICA Study. <i>Diabetes and Metabolism</i> , 2009, 35, 287-292.	2.9	12
81	In obese and non-obese adults, the cis-regulatory rs361072 promoter variant of PIK3CB is associated with insulin resistance not with type 2 diabetes. <i>Molecular Genetics and Metabolism</i> , 2009, 96, 129-132.	1.1	11
82	Study of the genetic variability of ZAC1 (PLAGL1) in French population-based samples. <i>Journal of Hypertension</i> , 2009, 27, 314-321.	0.5	5
83	The APOA5Trp19 allele is associated with metabolic syndrome via its association with plasma triglycerides. <i>BMC Medical Genetics</i> , 2008, 9, 84.	2.1	25
84	Association between liver X receptor β gene polymorphisms and risk of metabolic syndrome in French populations. <i>International Journal of Obesity</i> , 2008, 32, 421-428.	3.4	30
85	Association between the T-381C polymorphism of the brain natriuretic peptide gene and risk of type 2 diabetes in human populations. <i>Human Molecular Genetics</i> , 2007, 16, 1343-1350.	2.9	72
86	A Possible Role for the PPARG Pro12Ala Polymorphism in Preterm Birth. <i>Diabetes</i> , 2007, 56, 494-498.	0.6	39
87	A study of the relationships between KLF2 polymorphisms and body weight control in a French population. <i>BMC Medical Genetics</i> , 2006, 7, 26.	2.1	3
88	Study of the impact of perilipin polymorphisms in a French population. <i>Journal of Negative Results in BioMedicine</i> , 2006, 5, 10.	1.4	17
89	Ablation of PGC-1 β Results in Defective Mitochondrial Activity, Thermogenesis, Hepatic Function, and Cardiac Performance. <i>PLoS Biology</i> , 2006, 4, e369.	5.6	249
90	The <i>APOA4</i> Thr ₃₄₇ →Ser ₃₄₇ Polymorphism Is Not a Major Risk Factor of Obesity. <i>Obesity</i> , 2005, 13, 2132-2138.	4.0	11

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91	A Dominant Negative Human Peroxisome Proliferator-Activated Receptor (PPAR) α Is a Constitutive Transcriptional Corepressor and Inhibits Signaling through All PPAR Isoforms. <i>Endocrinology</i> , 2005, 146, 1871-1882.	2.8	39
92	Association Between Peroxisome Proliferator-Activated Receptor α Haplotypes and the Metabolic Syndrome in French Men and Women. <i>Diabetes</i> , 2005, 54, 3043-3048.	0.6	81
93	Study of a new PPAR α 2 promoter polymorphism and haplotype analysis in a French population. <i>Molecular Genetics and Metabolism</i> , 2005, 85, 140-148.	1.1	28
94	Lack of association between certain candidate gene polymorphisms and the metabolic syndrome. <i>Molecular Genetics and Metabolism</i> , 2005, 86, 293-299.	1.1	43
95	Genetic Variants in Human Sterol Regulatory Element Binding Protein-1c in Syndromes of Severe Insulin Resistance and Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 842-846.	0.6	55
96	Impact of genetic variation of PPAR α 3 in humans. <i>Molecular Genetics and Metabolism</i> , 2004, 83, 93-102.	1.1	138
97	A Functional Polymorphism in a STAT5B Site of the Human α 3 Gene Promoter Affects Height and Lipid Metabolism in a French Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 289-294.	2.4	91
98	The Gly16 \rightarrow Arg16 and Gln27 \rightarrow Glu27 Polymorphisms of α 2-Adrenergic Receptor Are Associated with Metabolic Syndrome in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4862-4866.	3.6	73
99	Characterization of the human, mouse and rat PGC1beta (peroxisome-proliferator-activated) Tj ETQq1 1 0.784314 μ g BT / Overlock 10	3.7	185
100	The 5A6A polymorphism in the promoter of the stromelysin-1 (MMP3) gene as a risk factor for restenosis. <i>European Heart Journal</i> , 2002, 23, 721-725.	2.2	59
101	Digenic inheritance of severe insulin resistance in a human pedigree. <i>Nature Genetics</i> , 2002, 31, 379-384.	21.4	134
102	Polymorphisms of the tissue factor pathway inhibitor gene and the risk of restenosis after coronary angioplasty. <i>Blood Coagulation and Fibrinolysis</i> , 2001, 12, 317-323.	1.0	25
103	Impact of sulfonylurea receptor 1 genetic variability on non-insulin-dependent diabetes mellitus prevalence and treatment: A population study. <i>American Journal of Medical Genetics Part A</i> , 2001, 101, 4-8.	2.4	38
104	Polymorphisms in the insulin response element of APOC-III gene promoter influence the correlation between insulin and triglycerides or triglyceride-rich lipoproteins in humans. <i>International Journal of Obesity</i> , 2001, 25, 1012-1017.	3.4	12
105	The human G-protein β 3 subunit C825T polymorphism is associated with coronary artery vasoconstriction. <i>European Heart Journal</i> , 2001, 22, 845-848.	2.2	37
106	The Effect of the Gly16Arg Polymorphism of the α 2-Adrenergic Receptor Gene on Plasma Free Fatty Acid Levels Is Modulated by Physical Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5881-5887.	3.6	36
107	The Effect of the Gly16Arg Polymorphism of the α 2-Adrenergic Receptor Gene on Plasma Free Fatty Acid Levels Is Modulated by Physical Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5881-5887.	3.6	28
108	Impact of polymorphisms of the human α 2-adrenoceptor gene on obesity in a French population. <i>International Journal of Obesity</i> , 2000, 24, 382-387.	3.4	84

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109	Impact of the Peroxisome Proliferator Activated Receptor β 2 Pro12Ala polymorphism on adiposity, lipids and non-insulin-dependent diabetes mellitus. <i>International Journal of Obesity</i> , 2000, 24, 195-199.	3.4	155
110	An uncoupling protein 3 gene polymorphism associated with a lower risk of developing Type II diabetes and with atherogenic lipid profile in a French cohort. <i>Diabetologia</i> , 2000, 43, 1424-1428.	6.3	83
111	Intronic Polymorphism in the Fatty Acid Transport Protein 1 Gene Is Associated With Increased Plasma Triglyceride Levels in a French Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1330-1334.	2.4	36
112	Gender related association between genetic variations of APOC-III gene and lipid and lipoprotein variables in northern France. <i>Atherosclerosis</i> , 2000, 150, 149-157.	0.8	40
113	β 2-adrenoceptor gene polymorphism, body weight, and physical activity. <i>Lancet</i> , The, 1999, 353, 896.	13.7	140
114	Correspondence. <i>Atherosclerosis</i> , 1999, 147, 415-416.	0.8	10
115	A genetic polymorphism of the peroxisome proliferator-activated receptor gamma gene influences plasma leptin levels in obese humans. <i>Human Molecular Genetics</i> , 1998, 7, 435-440.	2.9	193
116	Role of Lipid Binding Proteins in Disease. , 0, , 397-400.		0
117	Identification of several eating habits that mediate the association between eating behaviors and the risk of obesity. <i>Obesity Science and Practice</i> , 0, , .	1.9	3