

Kristine FÄ|rch

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

3,607
citations

117453

34
h-index

155451

55
g-index

114
all docs

114
docs citations

114
times ranked

6811
citing authors

#	ARTICLE	IF	CITATIONS
1	The process of health behaviour change following participation in a randomised controlled trial targeting prediabetes: A qualitative study. <i>Diabetic Medicine</i> , 2022, 39, e14748.	1.2	2
2	Human Gastrointestinal Transit and Hormonal Response to Different Meal Types: A Randomized Crossover Study. <i>Journal of Nutrition</i> , 2022, 152, 1358-1369.	1.3	4
3	Food Reward after a Traditional Inuit or a Westernised Diet in an Inuit Population in Greenland. <i>Nutrients</i> , 2022, 14, 561.	1.7	1
4	Effects of sleep manipulation on markers of insulin sensitivity: A systematic review and meta-analysis of randomized controlled trials. <i>Sleep Medicine Reviews</i> , 2022, 62, 101594.	3.8	36
5	Predicting Food Intake From Food Reward and Biometric Responses to Food Cues in Adults With Normal Weight Using Machine Learning. <i>Journal of Nutrition</i> , 2022, , .	1.3	2
6	What happens after a weight loss intervention? A qualitative study of drivers and challenges of maintaining time-restricted eating among people with overweight at high risk of type 2 diabetes. <i>Appetite</i> , 2022, 174, 106034.	1.8	5
7	The Use and Effectiveness of Selected Alternative Markers for Insulin Sensitivity and Secretion Compared with Gold Standard Markers in Dietary Intervention Studies in Individuals without Diabetes: Results of a Systematic Review. <i>Nutrients</i> , 2022, 14, 2036.	1.7	0
8	Role of weekday variation on glucose, insulin, and triglyceride: A cross-sectional analysis from The Maastricht Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , .	1.8	1
9	Is Time-Restricted Eating Safe in the Treatment of Type 2 Diabetes?âA Review of Intervention Studies. <i>Nutrients</i> , 2022, 14, 2299.	1.7	7
10	Age- and sex-specific effects of a long-term lifestyle intervention on body weight and cardiometabolic health markers in adults with prediabetes: results from the diabetes prevention study PREVIEW. <i>Diabetologia</i> , 2022, 65, 1262-1277.	2.9	12
11	Does the Effect of a 3-Year Lifestyle Intervention on Body Weight and Cardiometabolic Health Differ by Prediabetes Metabolic Phenotype? A Post Hoc Analysis of the PREVIEW Study. <i>Diabetes Care</i> , 2022, 45, 2698-2708.	4.3	5
12	Effects of vegan diets on cardiometabolic health: A systematic review and meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , 2022, 23, .	3.1	23
13	No effects of dapagliflozin, metformin or exercise on plasma glucagon concentrations in individuals with prediabetes: A post hoc analysis from the randomized controlled <sc>PREâD</sc> trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 530-539.	2.2	9
14	The effects of dapagliflozin, metformin or exercise on glycaemic variability in overweight or obese individuals with prediabetes (the PRE-D Trial): a multi-arm, randomised, controlled trial. <i>Diabetologia</i> , 2021, 64, 42-55.	2.9	29
15	Targeting epicardial adipose tissue with exercise, diet, bariatric surgery or pharmaceutical interventions: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021, 22, e13136.	3.1	43
16	Pilot Clinical Trial of Time-Restricted Eating in Patients with Metabolic Syndrome. <i>Nutrients</i> , 2021, 13, 346.	1.7	15
17	Genome-wide association study of circulating levels of glucagon during an oral glucose tolerance test. <i>BMC Medical Genomics</i> , 2021, 14, 3.	0.7	3
18	The day-night pattern of colonic contractility is not impaired in type 1 diabetes and distal symmetric polyneuropathy. <i>Chronobiology International</i> , 2021, 38, 801-806.	0.9	0

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19	Late-evening food intake is highly prevalent among individuals with type 2 diabetes. <i>Nutrition Research</i> , 2021, 87, 91-96.	1.3	7
20	Towards precision medicine in diabetes? A critical review of glucotypes. <i>PLoS Biology</i> , 2021, 19, e3000890.	2.6	4
21	Effect of exercise training on skeletal muscle protein expression in relation to insulin sensitivity: Perâ€protocol analysis of a randomized controlled trial (COâ€ACTIVE). <i>Physiological Reports</i> , 2021, 9, e14850.	0.7	2
22	Watching, keeping and squeezing time to lose weight: Implications of time-restricted eating in daily life. <i>Appetite</i> , 2021, 161, 105138.	1.8	18
23	Role of fasting duration and weekday in incretin and glucose regulation. <i>Endocrine Connections</i> , 2021, 10, X2-X3.	0.8	0
24	Associations between Postprandial Gut Hormones and Markers of Bone Remodeling. <i>Nutrients</i> , 2021, 13, 3197.	1.7	8
25	Investigation of eye tracking, electrodermal activity and facial expressions as biometric signatures of food reward and intake in normal weight adults. <i>Food Quality and Preference</i> , 2021, 93, 104248.	2.3	11
26	Discordance Between Glucose Levels Measured in Interstitial Fluid vs in Venous Plasma After Oral Glucose Administration: A Post-Hoc Analysis From the Randomised Controlled PRE-D Trial. <i>Frontiers in Endocrinology</i> , 2021, 12, 753810.	1.5	5
27	Timing and Frequency of Daily Energy Intake in Adults with Prediabetes and Overweight or Obesity and Their Associations with Body Fat. <i>Nutrients</i> , 2020, 12, 3484.	1.7	12
28	Protocol for a single-centre, parallel-group, randomised, controlled, superiority trial on the effects of time-restricted eating on body weight, behaviour and metabolism in individuals at high risk of type 2 diabetes: the REStRicted Eating Time (RESET) study. <i>BMJ Open</i> , 2020, 10, e037166.	0.8	13
29	Impact of Meal Timing and Chronotype on Food Reward and Appetite Control in Young Adults. <i>Nutrients</i> , 2020, 12, 1506.	1.7	18
30	Physiological factors contributing to HbA1c in the normal and pre-diabetic range: a cross-sectional analysis. <i>Endocrine</i> , 2020, 68, 306-311.	1.1	2
31	Role of fasting duration and weekday in incretin and glucose regulation. <i>Endocrine Connections</i> , 2020, 9, 279-288.	0.8	5
32	Greater glucagon-like peptide-1 responses to oral glucose are associated with lower central and peripheral blood pressures. <i>Cardiovascular Diabetology</i> , 2019, 18, 130.	2.7	8
33	Glucose Measurements at Various Time Points During the OGTT and Their Role in Capturing Glucose Response Patterns. <i>Diabetes Care</i> , 2019, 42, e56-e57.	4.3	8
34	Letter to the Editor: â€œOne-Hour Postload Hyperglycemia: Implications for Prediction and Prevention of Type 2 Diabetesâ€ Journal of Clinical Endocrinology and Metabolism, 2019, 104, 674-675.	1.8	0
35	Reversion from prediabetes to normoglycaemia and risk of cardiovascular disease and mortality: the Whitehall II cohort study. <i>Diabetologia</i> , 2019, 62, 1385-1390.	2.9	55
36	Prospective association between late evening food consumption and risk of prediabetes and diabetes: the Whitehall II cohort study. <i>Diabetic Medicine</i> , 2019, 36, 1256-1260.	1.2	3

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37	Phenotypic Responses to a Lifestyle Intervention Do Not Account for Inter-Individual Variability in Glucose Tolerance for Individuals at High Risk of Type 2 Diabetes. <i>Frontiers in Physiology</i> , 2019, 10, 317.	1.3	20
38	Heart Rate, Autonomic Function, and Future Changes in Glucose Metabolism in Individuals Without Diabetes: The Whitehall II Cohort Study. <i>Diabetes Care</i> , 2019, 42, 867-874.	4.3	24
39	Habitual physical activity is associated with lower fasting and greater glucose-induced GLP-1 response in men. <i>Endocrine Connections</i> , 2019, 8, 1607-1617.	0.8	5
40	Prediction of clamp-derived insulin sensitivity from the oral glucose insulin sensitivity index. <i>Diabetologia</i> , 2018, 61, 1135-1141.	2.9	45
41	Can insulin response patterns predict metabolic disease risk in individuals with normal glucose tolerance? Reply to Crofts CAP, Brookler K, Henderson G [letter]. <i>Diabetologia</i> , 2018, 61, 1234-1235.	2.9	0
42	Risk of Cardiovascular Disease and Death in Individuals With Prediabetes Defined by Different Criteria: The Whitehall II Study. <i>Diabetes Care</i> , 2018, 41, 899-906.	4.3	116
43	Evidence of a liver-α cell axis in humans: hepatic insulin resistance attenuates relationship between fasting plasma glucagon and glucagonotropic amino acids. <i>Diabetologia</i> , 2018, 61, 671-680.	2.9	76
44	Glucose patterns during an oral glucose tolerance test and associations with future diabetes, cardiovascular disease and all-cause mortality rate. <i>Diabetologia</i> , 2018, 61, 101-107.	2.9	43
45	The role of physical activity in the development of first cardiovascular disease event: a tree-structured survival analysis of the Danish ADDITION-PRO cohort. <i>Cardiovascular Diabetology</i> , 2018, 17, 126.	2.7	18
46	Pathophysiological Characteristics Underlying Different Glucose Response Curves: A Latent Class Trajectory Analysis From the Prospective EGIR-RISC Study. <i>Diabetes Care</i> , 2018, 41, 1740-1748.	4.3	52
47	Relative contributions of preprandial and postprandial glucose exposures, glycemic variability, and non-glycemic factors to HbA 1c in individuals with and without diabetes. <i>Nutrition and Diabetes</i> , 2018, 8, 38.	1.5	31
48	Common variants in the hERG (KCNH2) voltage-gated potassium channel are associated with altered fasting and glucose-stimulated plasma incretin and glucagon responses. <i>BMC Genetics</i> , 2018, 19, 15.	2.7	12
49	Glucose patterns during the OGTT and risk of future diabetes in an urban Indian population: The CARRS study. <i>Diabetes Research and Clinical Practice</i> , 2017, 126, 192-197.	1.1	22
50	Is there a need for new diabetes prevention trials?. <i>BMJ: British Medical Journal</i> , 2017, 356, j1003.	2.4	1
51	Effect of Pancreatic Hormones on pro-Atrial Natriuretic Peptide in Humans. <i>EBioMedicine</i> , 2017, 17, 88-94.	2.7	9
52	Trajectories of glycaemia, insulin sensitivity and insulin secretion in South Asian and white individuals before diagnosis of type 2 diabetes: a longitudinal analysis from the Whitehall II cohort study. <i>Diabetologia</i> , 2017, 60, 1252-1260.	2.9	64
53	Metabolically Healthy Obesity and Ischemic Heart Disease: A 10-Year Follow-Up of the Inter99 Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1934-1942.	1.8	56
54	Protocol for a randomised controlled trial of the effect of dapagliflozin, metformin and exercise on glycaemic variability, body composition and cardiovascular risk in prediabetes (the PRE-D Trial). <i>BMJ Open</i> , 2017, 7, e013802.	0.8	17

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55	Assessment of time to glucose peak during an oral glucose tolerance test. <i>Clinical Endocrinology</i> , 2017, 87, 879-881.	1.2	1
56	Physical Activity and Improvement of Glycemia in Prediabetes by Different Diagnostic Criteria. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3712-3721.	1.8	14
57	Relationship between retinal vessel diameters and retinopathy in the Inter99 Eye Study. <i>Journal of Clinical and Translational Endocrinology</i> , 2017, 8, 22-28.	1.0	9
58	Physical Activity Dimensions Associated with Impaired Glucose Metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2176-2184.	0.2	8
59	Heterogeneity in glucose response curves during an oral glucose tolerance test and associated cardiometabolic risk. <i>Endocrine</i> , 2017, 55, 427-434.	1.1	21
60	Genome-wide physical activity interactions in adiposity • A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	1.5	158
61	Barriers to and motivators for physical activity among people with Type 2 diabetes: patients' perspectives. <i>Diabetic Medicine</i> , 2016, 33, 1677-1685.	1.2	61
62	Insulin Resistance Is Accompanied by Increased Fasting Glucagon and Delayed Glucagon Suppression in Individuals With Normal and Impaired Glucose Regulation. <i>Diabetes</i> , 2016, 65, 3473-3481.	0.3	137
63	Biomarkers of subclinical inflammation and increases in glycaemia, insulin resistance and beta-cell function in non-diabetic individuals: the Whitehall II study. <i>European Journal of Endocrinology</i> , 2016, 175, 367-377.	1.9	52
64	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies <i>BCL2</i> and <i>FAM19A2</i> as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016, 65, 3200-3211.	0.3	67
65	Glucose-Dependent Insulinotropic Polypeptide Is Associated With Lower Low-Density Lipoprotein But Unhealthy Fat Distribution, Independent of Insulin: The ADDITION-PRO Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 485-493.	1.8	46
66	Response to the Letter: Comment on "Abdominal Fat Distribution and Cardiovascular Risk in Men and Women With Different Levels of Glucose Tolerance" by Scheuer S.H., et al. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, L13-L14.	1.8	0
67	Intensive multifactorial treatment modifies the effect of family history of diabetes on glycaemic control in people with Type 2 diabetes: a post hoc analysis of the ADDITION-Denmark randomized controlled trial. <i>Diabetic Medicine</i> , 2015, 32, 1085-1089.	1.2	4
68	Role of Physical Activity Energy Expenditure versus Estimated Fitness Level in Impaired Glucose Regulation. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 675.	0.2	0
69	GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. <i>Diabetes</i> , 2015, 64, 2513-2525.	0.3	235
70	Metabolic response to 36 hours of fasting in young men born small vs appropriate for gestational age. <i>Diabetologia</i> , 2015, 58, 178-187.	2.9	28
71	Association of self-perceived body image with body mass index and type 2 diabetes "The ADDITION-PRO study. <i>Preventive Medicine</i> , 2015, 75, 64-69.	1.6	10
72	Effects of 12 weeks of treatment with fermented milk on blood pressure, glucose metabolism and markers of cardiovascular risk in patients with type 2 diabetes: a randomised double-blind placebo-controlled study. <i>European Journal of Endocrinology</i> , 2015, 172, 11-20.	1.9	85

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73	Response to Comment on FÄ rch et al. GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. <i>Diabetes</i> 2015;64:2513-2525. <i>Diabetes</i> , 2015, 64, e30-e31.	0.3	1
74	Physical activity energy expenditure vs cardiorespiratory fitness level in impaired glucose metabolism. <i>Diabetologia</i> , 2015, 58, 2709-2717.	2.9	12
75	Abdominal Fat Distribution and Cardiovascular Risk in Men and Women With Different Levels of Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3340-3347.	1.8	35
76	Relationship Between Insulin Resistance and Î²-Cell Dysfunction in Subphenotypes of Prediabetes and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 707-716.	1.8	41
77	Patterns of Obesity Development before the Diagnosis of Type 2 Diabetes: The Whitehall II Cohort Study. <i>PLoS Medicine</i> , 2014, 11, e1001602.	3.9	77
78	Is it possible to develop a "one-size fits all" prediction model for undiagnosed Type 2 diabetes?. <i>Diabetic Medicine</i> , 2014, 31, 116-117.	1.2	0
79	Eighteen year weight trajectories and metabolic markers of diabetes in modernising China: which timescale is most relevant?. <i>Diabetologia</i> , 2014, 57, 2605-2606.	2.9	2
80	Approaching Pre-diabetes. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 226-233.	1.2	50
81	Sex differences in glucose and insulin trajectories prior to diabetes diagnosis: the Whitehall II study. <i>Acta Diabetologica</i> , 2014, 51, 315-319.	1.2	19
82	Reduced incidence of lower extremity amputations in a Danish diabetes population from 2000 to 2011. <i>Diabetic Medicine</i> , 2014, 31, 443-447.	1.2	45
83	Improved Survival Among Patients With Complicated Type 2 Diabetes in Denmark: A Prospective Study (2002-2010). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E642-E646.	1.8	36
84	Hepatic Glucose Sensing Is Impaired, but Can Be Normalized, in People With Impaired Fasting Glucose. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1154-E1162.	1.8	14
85	Cardiovascular Risk Stratification and Management in Pre-Diabetes. <i>Current Diabetes Reports</i> , 2014, 14, 493.	1.7	48
86	Effect of time of day and fasting duration on measures of glycaemia: analysis from the Whitehall II Study. <i>Diabetologia</i> , 2013, 56, 294-297.	2.9	19
87	Effects of 12 weeks treatment with a proton pump inhibitor on insulin secretion, glucose metabolism and markers of cardiovascular risk in patients with type 2 diabetes: a randomised double-blind prospective placebo-controlled study. <i>Diabetologia</i> , 2013, 56, 22-30.	2.9	34
88	Incretin and pancreatic hormone secretion in Caucasian non-diabetic carriers of the TCF7L2 rs7903146 risk T allele. <i>Diabetes, Obesity and Metabolism</i> , 2013, 15, 91-95.	2.2	24
89	Trajectories of cardiometabolic risk factors before diagnosis of three subtypes of type 2 diabetes: a post-hoc analysis of the longitudinal Whitehall II cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2013, 1, 43-51.	5.5	87
90	Comment on: Tam et al. Defining Insulin Resistance From Hyperinsulinemic-Euglycemic Clamps. <i>Diabetes Care</i> 2012;35:1605-1610. <i>Diabetes Care</i> , 2013, 36, e9-e9.	4.3	4

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91	Impact of Glucose Tolerance Status, Sex, and Body Size on Glucose Absorption Patterns During OGTTs. <i>Diabetes Care</i> , 2013, 36, 3691-3697.	4.3	31
92	Bisphenol A Impairs Hepatic Glucose Sensing in C57BL/6 Male Mice. <i>PLoS ONE</i> , 2013, 8, e69991.	1.1	26
93	Increased Serum Concentrations of Persistent Organic Pollutants among Prediabetic Individuals: Potential Role of Altered Substrate Oxidation Patterns. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1705-E1713.	1.8	29
94	Estimating insulin sensitivity and beta cell function: perspectives from the modern pandemics of obesity and type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 2863-2867.	2.9	28
95	Does Insulin Resistance Drive the Association between Hyperglycemia and Cardiovascular Risk?. <i>PLoS ONE</i> , 2012, 7, e39260.	1.1	17
96	The PNPLA3 rs738409 G-Allele Associates with Reduced Fasting Serum Triglyceride and Serum Cholesterol in Danes with Impaired Glucose Regulation. <i>PLoS ONE</i> , 2012, 7, e40376.	1.1	28
97	Cognitive Functions in Middle Aged Individuals Are Related to Metabolic Disturbances and Aerobic Capacity: A Cross-Sectional Study. <i>PLoS ONE</i> , 2012, 7, e51132.	1.1	37
98	The Birth Weight Lowering C-Allele of rs900400 Near LEKR1 and CCNL1 Associates with Elevated Insulin Release following an Oral Glucose Challenge. <i>PLoS ONE</i> , 2011, 6, e27096.	1.1	13
99	Metabolic inflexibility is a common feature of impaired fasting glycaemia and impaired glucose tolerance. <i>Acta Diabetologica</i> , 2011, 48, 349-353.	1.2	38
100	Impact of Birth Weight and Early Infant Weight Gain on Insulin Resistance and Associated Cardiovascular Risk Factors in Adolescence. <i>PLoS ONE</i> , 2011, 6, e20595.	1.1	123
101	Impact of size at birth and prematurity on adult anthropometry in 4744 middle-aged Danes – The Inter99 study. <i>Journal of Developmental Origins of Health and Disease</i> , 2010, 1, 319-328.	0.7	14
102	Sex differences in glucose levels: a consequence of physiology or methodological convenience? The Inter99 study. <i>Diabetologia</i> , 2010, 53, 858-865.	2.9	101
103	Type 2 diabetes risk alleles near ADCY5, CDKAL1 and HHEX-IDE are associated with reduced birthweight. <i>Diabetologia</i> , 2010, 53, 1908-1916.	2.9	61
104	Low birthweight and premature birth are both associated with type 2 diabetes in a random sample of middle-aged Danes. <i>Diabetologia</i> , 2010, 53, 2526-2530.	2.9	78
105	The disposition index: adjustment for peripheral vs. hepatic insulin sensitivity?. <i>Journal of Physiology</i> , 2010, 588, 759-764.	1.3	39
106	Treatment with a proton pump inhibitor improves glycaemic control in type 2 diabetic patients - a retrospective analysis. <i>Diabetes Research and Clinical Practice</i> , 2010, 90, e72-e74.	1.1	28
107	Do Gene Variants Influencing Adult Adiposity Affect Birth Weight? A Population-Based Study of 24 Loci in 4,744 Danish Individuals. <i>PLoS ONE</i> , 2010, 5, e14190.	1.1	27
108	Pathophysiology and aetiology of impaired fasting glycaemia and impaired glucose tolerance: does it matter for prevention and treatment of type 2 diabetes?. <i>Diabetologia</i> , 2009, 52, 1714-1723.	2.9	185

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109	A variant in the G6PC2/ABCB11 locus is associated with increased fasting plasma glucose, increased basal hepatic glucose production and increased insulin release after oral and intravenous glucose loads. <i>Diabetologia</i> , 2009, 52, 2122-2129.	2.9	29
110	Predictors of future fasting and 2h post-OGTT plasma glucose levels in middle-aged men and women—the Inter99 study. <i>Diabetic Medicine</i> , 2009, 26, 377-383.	1.2	30
111	Impaired fasting glycaemia vs impaired glucose tolerance: similar impairment of pancreatic alpha and beta cell function but differential roles of incretin hormones and insulin action. <i>Diabetologia</i> , 2008, 51, 853-861.	2.9	123
112	A Statistical Approach Based on Substitution of Macronutrients Provides Additional Information to Models Analyzing Single Dietary Factors in Relation to Type 2 Diabetes in Danish Adults: the Inter99 Study. <i>Journal of Nutrition</i> , 2005, 135, 1177-1182.	1.3	35
113	Evaluation of dietary intake in a Danish population: the Inter99 study. <i>Scandinavian Journal of Nutrition</i> , 2004, 48, 136-143.	0.2	15