

David J A Jenkins

List of Publications by Year in descending order

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125
papers

8,438
citations

41344

49
h-index

45317

90
g-index

126
all docs

126
docs citations

126
times ranked

8390
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a Dietary Portfolio of Cholesterol-Lowering Foods vs Lovastatin on Serum Lipids and C-Reactive Protein. JAMA - Journal of the American Medical Association, 2003, 290, 502.	7.4	511
2	High α -linolenic acid flaxseed (<i>Linum usitatissimum</i>): some nutritional properties in humans. British Journal of Nutrition, 1993, 69, 443-453.	2.3	377
3	Effect of a Low "Glycemic Index or a High "Cereal Fiber Diet on Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2008, 300, 2742.	7.4	353
4	Food Consumption and its Impact on Cardiovascular Disease: Importance of Solutions Focused on the Globalized Food System. Journal of the American College of Cardiology, 2015, 66, 1590-1614.	2.8	343
5	Carbohydrate and Fiber Recommendations for Individuals with Diabetes: A Quantitative Assessment and Meta-Analysis of the Evidence. Journal of the American College of Nutrition, 2004, 23, 5-17.	1.8	290
6	Effect of Legumes as Part of a Low Glycemic Index Diet on Glycemic Control and Cardiovascular Risk Factors in Type 2 Diabetes Mellitus. Archives of Internal Medicine, 2012, 172, 1653.	3.8	288
7	Effects of high- and low-isoflavone soyfoods on blood lipids, oxidized LDL, homocysteine, and blood pressure in hyperlipidemic men and women. American Journal of Clinical Nutrition, 2002, 76, 365-372.	4.7	282
8	Role of cell walls in the bioaccessibility of lipids in almond seeds. American Journal of Clinical Nutrition, 2004, 80, 604-613.	4.7	273
9	Direct comparison of a dietary portfolio of cholesterol-lowering foods with a statin in hypercholesterolemic participants ¹ - ³ . American Journal of Clinical Nutrition, 2005, 81, 380-387.	4.7	224
10	Supplemental Vitamins and Minerals for CVD Prevention and Treatment. Journal of the American College of Cardiology, 2018, 71, 2570-2584.	2.8	184
11	Effect of Wheat Bran on Glycemic Control and Risk Factors for Cardiovascular Disease in Type 2 Diabetes. Diabetes Care, 2002, 25, 1522-1528.	8.6	177
12	Effect of a Dietary Portfolio of Cholesterol-Lowering Foods Given at 2 Levels of Intensity of Dietary Advice on Serum Lipids in Hyperlipidemia. JAMA - Journal of the American Medical Association, 2011, 306, 831-9.	7.4	175
13	Glycemic index: overview of implications in health and disease. American Journal of Clinical Nutrition, 2002, 76, 266S-73S.	4.7	172
14	Assessment of the longer-term effects of a dietary portfolio of cholesterol-lowering foods in hypercholesterolemia. American Journal of Clinical Nutrition, 2006, 83, 582-591.	4.7	160
15	A dietary portfolio approach to cholesterol reduction: Combined effects of plant sterols, vegetable proteins, and viscous fibers in hypercholesterolemia. Metabolism: Clinical and Experimental, 2002, 51, 1596-1604.	3.4	159
16	Dietary Glycemic Index and Load and the Risk of Type 2 Diabetes: A Systematic Review and Updated Meta-Analyses of Prospective Cohort Studies. Nutrients, 2019, 11, 1280.	4.1	149
17	Effect of fructose on postprandial triglycerides: A systematic review and meta-analysis of controlled feeding trials. Atherosclerosis, 2014, 232, 125-133.	0.8	146
18	Soy Protein Reduces Serum Cholesterol by Both Intrinsic and Food Displacement Mechanisms. Journal of Nutrition, 2010, 140, 2302S-2311S.	2.9	145

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19	Effect of dietary pulse intake on established therapeutic lipid targets for cardiovascular risk reduction: a systematic review and meta-analysis of randomized controlled trials. <i>Cmaj</i> , 2014, 186, E252-E262.	2.0	144
20	Almonds and postprandial glycemia—a dose-response study. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 400-404.	3.4	142
21	Effect of Dietary Pulses on Blood Pressure: A Systematic Review and Meta-analysis of Controlled Feeding Trials. <i>American Journal of Hypertension</i> , 2014, 27, 56-64.	2.0	136
22	Effect of Tree Nuts on Glycemic Control in Diabetes: A Systematic Review and Meta-Analysis of Randomized Controlled Dietary Trials. <i>PLoS ONE</i> , 2014, 9, e103376.	2.5	132
23	Portfolio Dietary Pattern and Cardiovascular Disease: A Systematic Review and Meta-analysis of Controlled Trials. <i>Progress in Cardiovascular Diseases</i> , 2018, 61, 43-53.	3.1	130
24	Metabolic Effects of Reducing Rate of Glucose Ingestion by Single Bolus Versus Continuous Sipping. <i>Diabetes</i> , 1990, 39, 775-781.	0.6	129
25	The effect of combining plant sterols, soy protein, viscous fibers, and almonds in treating hypercholesterolemia. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 1478-1483.	3.4	127
26	Glycemic Index, Glycemic Load, and Cardiovascular Disease and Mortality. <i>New England Journal of Medicine</i> , 2021, 384, 1312-1322.	27.0	124
27	Effect of tree nuts on metabolic syndrome criteria: a systematic review and meta-analysis of randomised controlled trials. <i>BMJ Open</i> , 2014, 4, e004660-e004660.	1.9	112
28	Dietary Glycemic Index and Load and the Risk of Type 2 Diabetes: Assessment of Causal Relations. <i>Nutrients</i> , 2019, 11, 1436.	4.1	105
29	Health Advantages and Disadvantages of Weight-Reducing Diets: A Computer Analysis and Critical Review. <i>Journal of the American College of Nutrition</i> , 2000, 19, 578-590.	1.8	103
30	Are dietary recommendations for the use of fish oils sustainable?. <i>Cmaj</i> , 2009, 180, 633-637.	2.0	102
31	Nuts as a Replacement for Carbohydrates in the Diabetic Diet. <i>Diabetes Care</i> , 2011, 34, 1706-1711.	8.6	99
32	Effect of Fructose on Established Lipid Targets: A Systematic Review and Meta-Analysis of Controlled Feeding Trials. <i>Journal of the American Heart Association</i> , 2015, 4, e001700.	3.7	94
33	The Effect of Ginseng (The Genus <i>Panax</i>) on Glycemic Control: A Systematic Review and Meta-Analysis of Randomized Controlled Clinical Trials. <i>PLoS ONE</i> , 2014, 9, e107391.	2.5	92
34	DHA-enriched high-oleic acid canola oil improves lipid profile and lowers predicted cardiovascular disease risk in the canola oil multicenter randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 88-97.	4.7	91
35	Starchy foods and fiber: reduced rate of digestion and improved carbohydrate metabolism. <i>Scandinavian Journal of Gastroenterology</i> , 1987, 22, 132-141.	1.5	84
36	A Meta-Analysis of 46 Studies Identified by the FDA Demonstrates that Soy Protein Decreases Circulating LDL and Total Cholesterol Concentrations in Adults. <i>Journal of Nutrition</i> , 2019, 149, 968-981.	2.9	83

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37	Dietary pulses, satiety and food intake: A systematic review and meta-analysis of acute feeding trials. Obesity, 2014, 22, 1773-1780.	3.0	80
38	High glycemic index and glycemic load are associated with moderately increased cancer risk. Molecular Nutrition and Food Research, 2015, 59, 1384-1394.	3.3	79
39	Effect of a 6-month vegan low-carbohydrate (â€Eco-Atkinsâ€™) diet on cardiovascular risk factors and body weight in hyperlipidaemic adults: a randomised controlled trial. BMJ Open, 2014, 4, e003505.	1.9	78
40	Effect of Lowering the Glycemic Load With Canola Oil on Glycemic Control and Cardiovascular Risk Factors: A Randomized Controlled Trial. Diabetes Care, 2014, 37, 1806-1814.	8.6	75
41	Selenium, antioxidants, cardiovascular disease, and all-cause mortality: a systematic review and meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition, 2020, 112, 1642-1652.	4.7	75
42	Fructose intake and risk of gout and hyperuricemia: a systematic review and meta-analysis of prospective cohort studies. BMJ Open, 2016, 6, e013191.	1.9	74
43	Associations between Dietary Pulses Alone or with Other Legumes and Cardiometabolic Disease Outcomes: An Umbrella Review and Updated Systematic Review and Meta-analysis of Prospective Cohort Studies. Advances in Nutrition, 2019, 10, S308-S319.	6.4	74
44	Effects of canola and high-oleic acid canola oils on abdominal fat mass in individuals with central obesity. Obesity, 2016, 24, 2261-2268.	3.0	72
45	Effect of low glycaemic index or load dietary patterns on glycaemic control and cardiometabolic risk factors in diabetes: systematic review and meta-analysis of randomised controlled trials. BMJ, The, 2021, 374, n1651.	6.0	70
46	High-â€complex carbohydrate or lente carbohydrate foods?. American Journal of Medicine, 2002, 113, 30-37.	1.5	68
47	Adding monounsaturated fatty acids to a dietary portfolio of cholesterol-lowering foods in hypercholesterolemia. Cmaj, 2010, 182, 1961-1967.	2.0	59
48	Progress and perspectives in plant sterol and plant stanol research. Nutrition Reviews, 2018, 76, 725-746.	5.8	54
49	Relation of Total Sugars, Sucrose, Fructose, and Added Sugars With the Risk of Cardiovascular Disease. Mayo Clinic Proceedings, 2019, 94, 2399-2414.	3.0	53
50	Resistant Starches and Health. Journal of AOAC INTERNATIONAL, 2004, 87, 769-774.	1.5	52
51	Diets Enriched with Conventional or High-Oleic Acid Canola Oils Lower Atherogenic Lipids and Lipoproteins Compared to a Diet with a Western Fatty Acid Profile in Adults with Central Adiposity. Journal of Nutrition, 2019, 149, 471-478.	2.9	50
52	Slow release carbohydrate and the treatment of diabetes. Proceedings of the Nutrition Society, 1981, 40, 227-235.	1.0	49
53	Supplemental Vitamins and Minerals for Cardiovascular Disease Prevention and Treatment. Journal of the American College of Cardiology, 2021, 77, 423-436.	2.8	48
54	High-oleic canola oil consumption enriches LDL particle cholesteryl oleate content and reduces LDL proteoglycan binding in humans. Atherosclerosis, 2015, 238, 231-238.	0.8	45

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55	Effect of pasta in the context of low-glycaemic index dietary patterns on body weight and markers of adiposity: a systematic review and meta-analysis of randomised controlled trials in adults. <i>BMJ Open</i> , 2018, 8, e019438.	1.9	45
56	Quality of Life in Women Diagnosed with Breast Cancer after a 12-Month Treatment of Lifestyle Modifications. <i>Nutrients</i> , 2021, 13, 136.	4.1	43
57	Mediterranean diet and quality of life in women treated for breast cancer: A baseline analysis of DEDiCa multicentre trial. <i>PLoS ONE</i> , 2020, 15, e0239803.	2.5	42
58	Dietary Fibre Consensus from the International Carbohydrate Quality Consortium (ICQC). <i>Nutrients</i> , 2020, 12, 2553.	4.1	42
59	The portfolio diet for cardiovascular risk reduction. <i>Current Atherosclerosis Reports</i> , 2007, 9, 501-507.	4.8	39
60	Effect of Current Dietary Recommendations on Weight Loss and Cardiovascular Risk Factors. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1103-1112.	2.8	38
61	Are fatty nuts a weighty concern? A systematic review and meta-analysis and dose-response meta-regression of prospective cohorts and randomized controlled trials. <i>Obesity Reviews</i> , 2021, 22, e13330.	6.5	37
62	Relationship Between a Plant-Based Dietary Portfolio and Risk of Cardiovascular Disease: Findings From the Women's Health Initiative Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e021515.	3.7	36
63	Effect of almond consumption on the serum fatty acid profile: a dose-response study. <i>British Journal of Nutrition</i> , 2014, 112, 1137-1146.	2.3	34
64	Interactions between dietary oil treatments and genetic variants modulate fatty acid ethanolamides in plasma and body weight composition. <i>British Journal of Nutrition</i> , 2016, 115, 1012-1023.	2.3	32
65	Low glycemic index diet, exercise and vitamin D to reduce breast cancer recurrence (DEDiCa): design of a clinical trial. <i>BMC Cancer</i> , 2017, 17, 69.	2.6	31
66	Glycaemic index of fruits and fruit products in patients with diabetes. <i>International Journal of Food Sciences and Nutrition</i> , 1993, 43, 205-212.	2.8	29
67	Nuts as a replacement for carbohydrates in the diabetic diet: a reanalysis of a randomised controlled trial. <i>Diabetologia</i> , 2018, 61, 1734-1747.	6.3	29
68	Nut consumption and type 2 diabetes risk: a systematic review and meta-analysis of observational studies. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 960-971.	4.7	28
69	Cumulative Meta-Analysis of the Soy Effect Over Time. <i>Journal of the American Heart Association</i> , 2019, 8, e012458.	3.7	26
70	Longitudinal changes in adherence to the portfolio and DASH dietary patterns and cardiometabolic risk factors in the PREDIMED-Plus study. <i>Clinical Nutrition</i> , 2021, 40, 2825-2836.	5.0	24
71	Dietary glycemic index, glycemic load, and chronic disease: an umbrella review of meta-analyses of prospective cohort studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2460-2469.	10.3	24
72	The Philosophy of Evidence-Based Principles and Practice in Nutrition. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2019, 3, 189-199.	2.4	23

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73	Effect of Dietary Flaxseed Intake on Circulating Sex Hormone Levels among Postmenopausal Women: A Randomized Controlled Intervention Trial. <i>Nutrition and Cancer</i> , 2019, 71, 385-398.	2.0	22
74	Dietary Glycaemic Index Labelling: A Global Perspective. <i>Nutrients</i> , 2021, 13, 3244.	4.1	17
75	Adipose Tissue Insulin Resistance Is Longitudinally Associated With Adipose Tissue Dysfunction, Circulating Lipids, and Dysglycemia: The PROMISE Cohort. <i>Diabetes Care</i> , 2021, 44, 1682-1691.	8.6	16
76	The association of soluble CD163, a novel biomarker of macrophage activation, with type 2 diabetes mellitus and its underlying physiological disorders: A systematic review. <i>Obesity Reviews</i> , 2021, 22, e13257.	6.5	13
77	Important Food Sources of Fructose-Containing Sugars and Non-Alcoholic Fatty Liver Disease: A Systematic Review and Meta-Analysis of Controlled Trials. <i>Nutrients</i> , 2022, 14, 2846.	4.1	13
78	Genetic Variation Associated with Differences in the Response of Plasma Apolipoprotein B Levels to Dietary Fibre. <i>Clinical Science</i> , 1993, 85, 269-275.	4.3	10
79	Positioning the Value of Dietary Carbohydrate, Carbohydrate Quality, Glycemic Index, and GI Labelling to the Canadian Consumer for Improving Dietary Patterns. <i>Nutrients</i> , 2019, 11, 457.	4.1	10
80	Adherence to Mediterranean Diet, Physical Activity and Survival after Prostate Cancer Diagnosis. <i>Nutrients</i> , 2021, 13, 243.	4.1	10
81	Glycaemic index: did Health Canada get it wrong? Position from the International Carbohydrate Quality Consortium (ICQC). <i>British Journal of Nutrition</i> , 2014, 111, 380-382.	2.3	9
82	Common Variants in Lipid Metabolism-Related Genes Associate with Fat Mass Changes in Response to Dietary Monounsaturated Fatty Acids in Adults with Abdominal Obesity. <i>Journal of Nutrition</i> , 2019, 149, 1749-1756.	2.9	9
83	Almond Bioaccessibility in a Randomized Crossover Trial: Is a Calorie a Calorie?. <i>Mayo Clinic Proceedings</i> , 2021, 96, 2386-2397.	3.0	9
84	Systematic review and meta-analysis examining the relationship between postprandial hypotension, cardiovascular events, and all-cause mortality. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 663-671.	4.7	9
85	Destigmatizing Carbohydrate with Food Labeling: The Use of Non-Mandatory Labelling to Highlight Quality Carbohydrate Foods. <i>Nutrients</i> , 2020, 12, 1725.	4.1	8
86	Co-administration of viscous fiber, Salba-chia and ginseng on glycemic management in type 2 diabetes: a double-blind randomized controlled trial. <i>European Journal of Nutrition</i> , 2021, 60, 3071-3083.	3.9	8
87	Effect of a low glycemic index diet versus a high-cereal fibre diet on markers of subclinical cardiac injury in healthy individuals with type 2 diabetes mellitus: An exploratory analysis of a randomized dietary trial. <i>Clinical Biochemistry</i> , 2017, 50, 1104-1109.	1.9	7
88	Resisting influence from agri-food industries on Canada's new food guide. <i>Cmaj</i> , 2018, 190, E451-E452.	2.0	7
89	Development of a Portfolio Diet Score and Its Concurrent and Predictive Validity Assessed by a Food Frequency Questionnaire. <i>Nutrients</i> , 2021, 13, 2850.	4.1	7
90	Low-glycaemic index diet to improve glycaemic control and cardiovascular disease in type 2 diabetes: design and methods for a randomised, controlled, clinical trial. <i>BMJ Open</i> , 2016, 6, e012220.	1.9	6

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91	An Appetite for Modernizing the Regulatory Framework for Protein Content Claims in Canada. <i>Nutrients</i> , 2017, 9, 921.	4.1	6
92	Plant Polyphenols Lignans and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2021, 78, 679-682.	2.8	5
93	Prospective Association of the Portfolio Diet with All-Cause and Cause-Specific Mortality Risk in the Mr. OS and Ms. OS Study. <i>Nutrients</i> , 2021, 13, 4360.	4.1	5
94	A Web-Based Health Application to Translate Nutrition Therapy for Cardiovascular Risk Reduction in Primary Care (PortfolioDiet.app): Quality Improvement and Usability Testing Study. <i>JMIR Human Factors</i> , 2022, 9, e34704.	2.0	5
95	Genetic variation in 9p21 is associated with fasting insulin in women but not men. <i>PLoS ONE</i> , 2018, 13, e0202365.	2.5	4
96	Cross-sectional associations between dietary intake and carotid intima media thickness in type 2 diabetes: baseline data from a randomised trial. <i>BMJ Open</i> , 2017, 7, e015026.	1.9	3
97	Bean, fruit, and vegetable fiber, but not cereal fiber are associated with reduced mortality in Japan. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 941-943.	4.7	3
98	Great Chinese Famine and the Effects on Cardiometabolic Health for Future Generations. <i>Hypertension</i> , 2022, 79, 532-535.	2.7	3
99	Polymorphisms in the stearoyl-CoA desaturase gene modify blood glucose response to dietary oils varying in MUFA content in adults with obesity. <i>British Journal of Nutrition</i> , 2022, 127, 503-512.	2.3	2
100	Effect of Novel Maize-based Dietary Fibers on Postprandial Glycemia. <i>FASEB Journal</i> , 2007, 21, A177.	0.5	2
101	Resistant Starch reduces postprandial glycemic and insulinemic response and increases satiety in humans. <i>FASEB Journal</i> , 2009, 23, 563.4.	0.5	2
102	Effect of nuts on coronary heart disease and cancer risk in type 2 diabetes (825.8). <i>FASEB Journal</i> , 2014, 28, 825.8.	0.5	2
103	Adherence to a cholesterol-lowering diet and the risk of prostate cancer. <i>Food and Function</i> , 2022, 13, 5730-5738.	4.6	2
104	A Nutritional Requirement: The Need for Research, Education, and Health Claims. <i>Journal of the American College of Nutrition</i> , 1999, 18, 4-5.	1.8	1
105	Glycemic Index and Glycemic Load: Effects on Glucose, Insulin, and Lipid Regulation. , 2009, , 49-64.		1
106	Flecainide and elevated liver enzymes in α 1-antitrypsin deficiency. <i>HeartRhythm Case Reports</i> , 2016, 2, 237-240.	0.4	1
107	Weighing up dietary patterns. <i>Lancet, The</i> , 2016, 388, 758-759.	13.7	1
108	Relation between sugar-sweetened beverage consumption and incident hypertension: a systematic review and meta-analysis of prospective cohorts (267.4). <i>FASEB Journal</i> , 2014, 28, 267.4.	0.5	1

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109	Tree nuts improve criteria of the metabolic syndrome: a systematic review and meta-analysis of randomized controlled dietary trials (1025.6). FASEB Journal, 2014, 28, 1025.6.	0.5	1
110	The Glycemic Index, Rate of Digestion of Carbohydrate Foods, and Their Potential Link with Cardiovascular Disease. Journal of Nutrition, 2022, 152, 920-921.	2.9	1
111	Anti-inflammatory Diets and Quality of Life-Opening Lecture. Journal of the American College of Nutrition, 2015, 34, 3-3.	1.8	0
112	Almonds and Biomarkers of Lipid Peroxidation: A Randomized Controlled Crossover Trial. FASEB Journal, 2008, 22, 445.2.	0.5	0
113	Barley protein supplementation and oxidative damage. FASEB Journal, 2009, 23, 563.39.	0.5	0
114	The effect of a weight reducing low carbohydrate vegan diet on apolipoproteins and blood pressure. FASEB Journal, 2009, 23, 345.1.	0.5	0
115	Effect of hummus on postprandial glucose and insulin responses in healthy individuals (1039.6). FASEB Journal, 2014, 28, 1039.6.	0.5	0
116	Effect of tree nuts on glycemic control in diabetes: a systematic review and meta-analysis of randomized controlled dietary trials (1025.16). FASEB Journal, 2014, 28, 1025.16.	0.5	0
117	Impact of various dietary oils on expression levels of inflammatory genes: a randomized crossover controlled nutritional intervention (40.6). FASEB Journal, 2014, 28, 40.6.	0.5	0
118	High Fructose Corn Syrup and Sucrose do not Differ in Their Effects on Cardiometabolic Risk Factors: A Series of Systematic Reviews and Meta-Analyses of Randomized Controlled Trials. FASEB Journal, 2015, 29, 595.19.	0.5	0
119	Glycemic Index and Glycemic Load and Liver Enzyme Activity. FASEB Journal, 2015, 29, 383.2.	0.5	0
120	The Association Between Serum Prostate-Specific Antigen and Glycemic Index, Glycemic Load, and Metformin in Individuals with Diabetes: a Cross-Sectional Analysis. FASEB Journal, 2015, 29, 406.8.	0.5	0
121	Tree Nuts Improve Glycemic Control: A Systematic Review and Meta-Analysis of Randomized Controlled Dietary Trials. FASEB Journal, 2015, 29, 383.1.	0.5	0
122	Effect of a Low Glycemic Index Diet on Prostate Specific Antigen. FASEB Journal, 2015, 29, 918.1.	0.5	0
123	Development and Validation of a Dietary Portfolio Score for use Among Hypercholesterolemic Individuals. FASEB Journal, 2015, 29, 905.8.	0.5	0
124	THE EFFECT OF A LOW GLYCEMIC INDEX DIET ON DIABETIC NEPHROPATHY. FASEB Journal, 2015, 29, 274.7.	0.5	0
125	Effect of a Low Glycemic Index Diet on Markers of Oxidative Damage in Type 2 Diabetes. FASEB Journal, 2015, 29, 274.5.	0.5	0