

John C. Mathers

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8811476/john-c-mathers-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

361
papers

16,199
citations

68
h-index

111
g-index

400
ext. papers

19,612
ext. citations

5.5
avg, IF

6.77
L-index

#	Paper	IF	Citations
361	Welcome to the 75th Anniversary of the .. <i>British Journal of Nutrition</i> , 2022 , 127, 1-2	3.6	
360	Vitamins D and D Have Overlapping But Different Effects on the Human Immune System Revealed Through Analysis of the Blood Transcriptome.. <i>Frontiers in Immunology</i> , 2022 , 13, 790444	8.4	2
359	Associations between dietary patterns, FTO genotype and obesity in adults from seven European countries.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	0
358	Effects of a mediterranean diet on the gut microbiota and microbial metabolites: A systematic review of randomized controlled trials and observational studies.. <i>Critical Reviews in Food Science and Nutrition</i> , 2022 , 1-22	11.5	0
357	Dietary patterns, genetic risk, and incidence of obesity: Application of reduced rank regression in 11,735 adults from the UK Biobank study.. <i>Preventive Medicine</i> , 2022 , 107035	4.3	0
356	The effects of different parenteral nutrition lipid formulations on clinical and laboratory endpoints in patients receiving home parenteral nutrition: A systematic review. <i>Clinical Nutrition</i> , 2021 , 41, 80-90	5.9	0
355	Impact of in Utero Folate Exposure on Dna Methylation and Its Potential Relevance for Later-Life Health - Evidence from Mouse Models Translated to Human Cohorts. <i>Molecular Nutrition and Food Research</i> , 2021 , e2100789	5.9	
354	Associations of A Body Shape Index (ABSI) with cancer incidence, all-cause and at 23 sites- Findings from the UK Biobank prospective cohort study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 ,	4	1
353	Effects of a Mediterranean diet on blood pressure: a systematic review and meta-analysis of randomized controlled trials and observational studies. <i>Journal of Hypertension</i> , 2021 , 39, 729-739	1.9	9
352	Nutrigenetics-based intervention approach for adults with non-alcoholic fatty liver disease (NAFLD): study protocol for a randomised controlled feasibility trial. <i>BMJ Open</i> , 2021 , 11, e045922	3	78
351	Selenium supplementation to improve bone health in postmenopausal women: the SeMS three-arm RCT. <i>Efficacy and Mechanism Evaluation</i> , 2021 , 8, 1-38	1.7	
350	Effect of selenium supplementation on musculoskeletal health in older women: a randomised, double-blind, placebo-controlled trial. <i>The Lancet Healthy Longevity</i> , 2021 , 2, e212-e221	9.5	6
349	Personalised nutrition advice reduces intake of discretionary foods and beverages: findings from the Food4Me randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 70	8.4	5
348	Does Personalized Nutrition Advice Improve Dietary Intake in Healthy Adults? A Systematic Review of Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2021 , 12, 657-669	10	10
347	Diet-Associated Inflammation Modulates Inflammation and WNT Signaling in the Rectal Mucosa, and the Response to Supplementation with Dietary Fiber. <i>Cancer Prevention Research</i> , 2021 , 14, 337-346 ³⁻²		4
346	Associations of six adiposity-related markers with incidence and mortality from 24 cancers-findings from the UK Biobank prospective cohort study. <i>BMC Medicine</i> , 2021 , 19, 7	11.4	6
345	Interactions of Carbohydrate Intake and Physical Activity with Regulatory Genes Affecting Glycaemia: A Food4Me Study Analysis. <i>Lifestyle Genomics</i> , 2021 , 14, 63-72	2	1

344	Effect of selenium supplementation on biomarkers of bone turnover. <i>Proceedings of the Nutrition Society</i> , 2021 , 80,	2.9	1
343	Feasibility and acceptability of a multi-domain intervention to increase Mediterranean diet adherence and physical activity in older UK adults at risk of dementia: protocol for the MedEx-UK randomised controlled trial. <i>BMJ Open</i> , 2021 , 11, e042823	3	2
342	Implementation strategies for improving vitamin D status and increasing vitamin D intake in the UK: current controversies and future perspectives: proceedings of the 2nd Rank Prize Funds Forum on vitamin D. <i>British Journal of Nutrition</i> , 2021 , 1-21	3.6	4
341	Nutrition and COVID-19. <i>British Journal of Nutrition</i> , 2021 , 1-2	3.6	1
340	Nonlinear Associations Between Cumulative Dietary Risk Factors and Cardiovascular Diseases, Cancer, and All-Cause Mortality: A Prospective Cohort Study From UK Biobank. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2418-2431	6.4	1
339	Feeding intervention potentiates the effect of mechanical loading to induce new bone formation in mice. <i>FASEB Journal</i> , 2021 , 35, e21792	0.9	1
338	Mediterranean diet and the hallmarks of ageing. <i>European Journal of Clinical Nutrition</i> , 2021 , 75, 1176-1192	15.2	17
337	New developments in the. <i>British Journal of Nutrition</i> , 2020 , 124, 361-362	3.6	
336	Vitamin D and SARS-CoV-2 virus/COVID-19 disease. <i>BMJ Nutrition, Prevention and Health</i> , 2020 , 3, 106-110	10.7	72
335	DNA methylation patterns of LINE-1 and Alu for pre-symptomatic dementia in type 2 diabetes. <i>PLoS ONE</i> , 2020 , 15, e0234578	3.7	5
334	Dietary metabotype modelling predicts individual responses to dietary interventions. <i>Nature Food</i> , 2020 , 1, 355-364	14.4	14
333	Cancer prevention with aspirin in hereditary colorectal cancer (Lynch syndrome), 10-year follow-up and registry-based 20-year data in the CAPP2 study: a double-blind, randomised, placebo-controlled trial. <i>Lancet, The</i> , 2020 , 395, 1855-1863	40	88
332	Associations of fat and carbohydrate intake with cardiovascular disease and mortality: prospective cohort study of UK Biobank participants. <i>BMJ, The</i> , 2020 , 368, m688	5.9	32
331	Platelet mitochondrial DNA methylation predicts future cardiovascular outcome in adults with overweight and obesity. <i>Clinical Epigenetics</i> , 2020 , 12, 29	7.7	18
330	Characteristics of participants who benefit most from personalised nutrition: findings from the pan-European Food4Me randomised controlled trial. <i>British Journal of Nutrition</i> , 2020 , 123, 1396-1405	3.6	5
329	Mediterranean Diet Increases Endothelial Function in Adults: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Nutrition</i> , 2020 , 150, 1151-1159	4.1	23
328	Protocol and recruitment results from a 13-week randomized controlled trial comparing the effects of different doses of nitrate-rich beetroot juice on cognition, cerebral blood flow and peripheral vascular function in overweight and obese older people. <i>Contemporary Clinical Trials Communications</i> , 2020 , 18, 100571	1.8	3
327	Effects of bariatric surgery on DNA methylation in adults: a systematic review and meta-analysis. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 128-136	3	3

326	Hepatic Lipoprotein Export and Remission of Human Type 2 Diabetes after Weight Loss. <i>Cell Metabolism</i> , 2020 , 31, 233-249.e4	24.6	47
325	The Association between 25-Hydroxyvitamin D Concentration and Disability Trajectories in Very Old Adults: The Newcastle 85+ Study. <i>Nutrients</i> , 2020 , 12,	6.7	1
324	From lifespan to healthspan: the role of nutrition in healthy ageing. <i>Journal of Nutritional Science</i> , 2020 , 9, e33	2.7	12
323	Dietary Selenium Intakes and Musculoskeletal Function in Very Old Adults: Analysis of the Newcastle 85+ Study. <i>Nutrients</i> , 2020 , 12,	6.7	1
322	Challenges Associated With the Design and Deployment of Food Intake Urine Biomarker Technology for Assessment of Habitual Diet in Free-Living Individuals and Populations-A Perspective. <i>Frontiers in Nutrition</i> , 2020 , 7, 602515	6.2	1
321	Design and Characterisation of a Randomized Food Intervention That Mimics Exposure to a Typical UK Diet to Provide Urine Samples for Identification and Validation of Metabolite Biomarkers of Food Intake. <i>Frontiers in Nutrition</i> , 2020 , 7, 561010	6.2	1
320	Developing community-based urine sampling methods to deploy biomarker technology for the assessment of dietary exposure. <i>Public Health Nutrition</i> , 2020 , 23, 3081-3092	3.3	5
319	Age-associated mitochondrial DNA mutations cause metabolic remodelling that contributes to accelerated intestinal tumorigenesis. <i>Nature Cancer</i> , 2020 , 1, 976-989	15.4	24
318	Calystegines are Potential Urine Biomarkers for Dietary Exposure to Potato Products. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000515	5.9	1
317	Effects of dietary patterns and low protein intake on sarcopenia risk in the very old: The Newcastle 85+ study. <i>Clinical Nutrition</i> , 2020 , 39, 166-173	5.9	36
316	Effects of inorganic nitrate and vitamin C co-supplementation on blood pressure and vascular function in younger and older healthy adults: A randomised double-blind crossover trial. <i>Clinical Nutrition</i> , 2020 , 39, 708-717	5.9	14
315	Resistant starch supplementation increases crypt cell proliferative state in the rectal mucosa of older healthy participants. <i>British Journal of Nutrition</i> , 2020 , 124, 374-385	3.6	2
314	Mediterranean diet adherence and cognitive function in older UK adults: the European Prospective Investigation into Cancer and Nutrition-Norfolk (EPIC-Norfolk) Study. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 938-948	7	48
313	Spot and Cumulative Urine Samples Are Suitable Replacements for 24-Hour Urine Collections for Objective Measures of Dietary Exposure in Adults Using Metabolite Biomarkers. <i>Journal of Nutrition</i> , 2019 , 149, 1692-1700	4.1	15
312	Frequent Nutritional Feedback, Personalized Advice, and Behavioral Changes: Findings from the European Food4Me Internet-Based RCT. <i>American Journal of Preventive Medicine</i> , 2019 , 57, 209-219	6.1	11
311	Developing a Food Exposure and Urine Sampling Strategy for Dietary Exposure Biomarker Validation in Free-Living Individuals. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900062	5.9	12
310	Comparing environmental and personal health impacts of individual food choices. <i>Science of the Total Environment</i> , 2019 , 685, 609-620	10.2	7
309	Durability of a primary care-led weight-management intervention for remission of type 2 diabetes: 2-year results of the DiRECT open-label, cluster-randomised trial. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 344-355	18.1	273

308	Higher vegetable protein consumption, assessed by an isoenergetic macronutrient exchange model, is associated with a lower presence of overweight and obesity in the web-based Food4me European study. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 240-253	3.7	9
307	Design and baseline characteristics of the Biomarkers Of Risk In Colorectal Cancer (BORICC) Follow-Up study: A 12+ years follow-up. <i>Nutrition and Health</i> , 2019 , 25, 231-238	2.1	1
306	Paving the way to better population health through personalised nutrition. <i>EFSA Journal</i> , 2019 , 17, e17073	1.3	8
305	Validity and reliability of test strips for the measurement of salivary nitrite concentration with and without the use of mouthwash in healthy adults. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 91, 15-22	5	3
304	Knowledge and beliefs about dietary inorganic nitrate among UK-based nutrition professionals: Development and application of the KINDS online questionnaire. <i>BMJ Open</i> , 2019 , 9, e030719	3	2
303	Limited evidence for a beneficial effect of vitamin C supplementation on biomarkers of cardiovascular diseases: an umbrella review of systematic reviews and meta-analyses. <i>Nutrition Research</i> , 2019 , 61, 1-12	4	28
302	Obesity and bowel cancer: from molecular mechanisms to interventions. <i>Nutrition Research</i> , 2019 , 70, 26-31	4	5
301	No effect of monthly supplementation with 12000 IU, 24000 IU or 48000 IU vitamin D3 for one year on muscle function: The vitamin D in older people study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 190, 256-262	5.1	8
300	Protein Intake and Disability Trajectories in Very Old Adults: The Newcastle 85+ Study. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 50-56	5.6	27
299	Adherence to the World Cancer Research Fund/American Institute for Cancer Research cancer prevention recommendations and WNT-pathway-related markers of bowel cancer risk. <i>British Journal of Nutrition</i> , 2019 , 122, 509-517	3.6	6
298	Effects of inorganic nitrate and nitrite consumption on cognitive function and cerebral blood flow: A systematic review and meta-analysis of randomized clinical trials. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 2400-2410	11.5	15
297	Elevated Total Homocysteine in All Participants and Plasma Vitamin B12 Concentrations in Women Are Associated With All-Cause and Cardiovascular Mortality in the Very Old: The Newcastle 85+ Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1258-1264	6.4	17
296	Nitric Oxide Boosting Effects of the Mediterranean Diet: A Potential Mechanism of Action. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 902-904	6.4	24
295	Origins of lifetime health around the time of conception: causes and consequences. <i>Lancet, The</i> , 2018 , 391, 1842-1852	40	474
294	Effect of vitamin d2 supplementation on serum 25 hydroxy-vitamin d3 levels: a systematic review and meta-analysis. <i>Proceedings of the Nutrition Society</i> , 2018 , 77,	2.9	1
293	Predominant Asymmetrical Stem Cell Fate Outcome Limits the Rate of Niche Succession in Human Colonic Crypts. <i>EBioMedicine</i> , 2018 , 31, 166-173	8.8	14
292	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the Food4Me study. <i>European Journal of Nutrition</i> , 2018 , 57, 1357-1368	5.2	18
291	Biomarkers of Colorectal Cancer Risk Decrease 6 months After Roux-en-Y Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2018 , 28, 945-954	3.7	23

290	Prevalence and determinants of low protein intake in very old adults: insights from the Newcastle 85+ Study. <i>European Journal of Nutrition</i> , 2018 , 57, 2713-2722	5.2	35
289	Remission of Human Type 2 Diabetes Requires Decrease in Liver and Pancreas Fat Content but Is Dependent upon Capacity for Cell Recovery. <i>Cell Metabolism</i> , 2018 , 28, 547-556.e3	24.6	132
288	Nutrition in the Very Old. <i>Nutrients</i> , 2018 , 10,	6.7	42
287	Association of oily fish intake, sex, age, BMI and APOE genotype with plasma long-chain n-3 fatty acid composition. <i>British Journal of Nutrition</i> , 2018 , 120, 23-32	3.6	9
286	Association between Diet-Quality Scores, Adiposity, Total Cholesterol and Markers of Nutritional Status in European Adults: Findings from the Food4Me Study. <i>Nutrients</i> , 2018 , 10,	6.7	36
285	Personalised nutrition and health. <i>BMJ, The</i> , 2018 , 361, bmj.k2173	5.9	135
284	Application of Behavior Change Techniques in a Personalized Nutrition Electronic Health Intervention Study: Protocol for the Web-Based Food4Me Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2018 , 7, e87	2	11
283	Low protein intake, muscle strength and physical performance in the very old: The Newcastle 85+ Study. <i>Clinical Nutrition</i> , 2018 , 37, 2260-2270	5.9	49
282	Correlates of overall and central obesity in adults from seven European countries: findings from the Food4Me Study. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 207-219	5.2	13
281	Clinical and metabolic features of the randomised controlled Diabetes Remission Clinical Trial (DiRECT) cohort. <i>Diabetologia</i> , 2018 , 61, 589-598	10.3	27
280	Primary care-led weight management for remission of type 2 diabetes (DiRECT): an open-label, cluster-randomised trial. <i>Lancet, The</i> , 2018 , 391, 541-551	40	713
279	Nutrition and Ageing. <i>Sub-Cellular Biochemistry</i> , 2018 , 90, 373-424	5.5	4
278	Effects of dietary interventions on DNA methylation in adult humans: systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2018 , 120, 961-976	3.6	20
277	VLCD for weight loss and remission of type 2 diabetes? - Authors' reply. <i>Lancet, The</i> , 2018 , 392, 1307	40	2
276	Assessment of dietary nitrate intake in humans: a systematic review. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 878-888	7	23
275	No effect of 4 wk of nitrate-rich vegetable consumption on blood pressure: reflections for future research. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 1352-1353	7	1
274	Dietary Intervention Modifies DNA Methylation Age Assessed by the Epigenetic Clock. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800092	5.9	37
273	Developing a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , 2018 , 47, iv1-iv19	3	20

272	Maternal Red Blood Cell Folate and Infant Vitamin B Status Influence Methylation of Genes Associated with Childhood Acute Lymphoblastic Leukemia. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800411	5.9	5
271	Towards a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , 2018 , 47, 774-777	3	1
270	Effects of vitamin D supplementation on endothelial function: a systematic review and meta-analysis of randomised clinical trials. <i>European Journal of Nutrition</i> , 2017 , 56, 1095-1104	5.2	33
269	Effects of supplementation with nondigestible carbohydrates on fecal calprotectin and on epigenetic regulation of SFRP1 expression in the large-bowel mucosa of healthy individuals. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 400-410	7	16
268	Objective assessment of dietary patterns by use of metabolic phenotyping: a randomised, controlled, crossover trial. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 184-195	18.1	143
267	Integrated Analytical and Statistical Two-Dimensional Spectroscopy Strategy for Metabolite Identification: Application to Dietary Biomarkers. <i>Analytical Chemistry</i> , 2017 , 89, 3300-3309	7.8	34
266	Reply to A El-Soheby. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 770-771	7	
265	Non-digestible carbohydrates supplementation increases miR-32 expression in the healthy human colorectal epithelium: A randomized controlled trial. <i>Molecular Carcinogenesis</i> , 2017 , 56, 2104-2111	5	18
264	Within-person reproducibility and sensitivity to dietary change of C15:0 and C17:0 levels in dried blood spots: Data from the European Food4Me Study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700142	5.9	10
263	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1204-1213	7	40
262	Characteristics of European adults who dropped out from the Food4Me Internet-based personalised nutrition intervention. <i>Public Health Nutrition</i> , 2017 , 20, 53-63	3.3	7
261	Maternal folate depletion during early development and high fat feeding from weaning elicit similar changes in gene expression, but not in DNA methylation, in adult offspring. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600713	5.9	6
260	Metabotyping for the development of tailored dietary advice solutions in a European population: the Food4Me study. <i>British Journal of Nutrition</i> , 2017 , 118, 561-569	3.6	18
259	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. <i>Genes and Nutrition</i> , 2017 , 12, 35	4.3	72
258	Capturing health and eating status through a nutritional perception screening questionnaire (NPSQ9) in a randomised internet-based personalised nutrition intervention: the Food4Me study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 168	8.4	9
257	Interventions to Support Healthy Eating in Later Life 2017 , 283-298		1
256	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4Me European randomized controlled trial. <i>International Journal of Epidemiology</i> , 2017 , 46, 578-588	7.8	138
255	Food environments of young people: linking individual behaviour to environmental context. <i>Journal of Public Health</i> , 2017 , 39, 95-104	3.5	16

254	Homocysteine, Tryptophan, and Cognition in the Very Old. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 895-896	5.9	
253	One-Carbon Metabolism Biomarkers and Cognitive Decline in the Very Old: The Newcastle 85+ Study. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 806.e19-806.e27	5.9	15
252	Changes in physical activity after bariatric surgery: using objective and self-reported measures. <i>Surgery for Obesity and Related Diseases</i> , 2017 , 13, 474-483	3	22
251	Weekday sunlight exposure, but not vitamin D intake, influences the association between vitamin D receptor genotype and circulating concentration 25-hydroxyvitamin D in a pan-European population: the Food4Me study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600476	5.9	7
250	Nutrigenomics in the modern era. <i>Proceedings of the Nutrition Society</i> , 2017 , 76, 265-275	2.9	46
249	Vitamin D Status, Muscle Strength and Physical Performance Decline in Very Old Adults: A Prospective Study. <i>Nutrients</i> , 2017 , 9,	6.7	34
248	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The Food4Me Study. <i>Nutrients</i> , 2017 , 9,	6.7	18
247	The Ageing Brain: Effects on DNA Repair and DNA Methylation in Mice. <i>Genes</i> , 2017 , 8,	4.2	18
246	Systematic review and meta-analysis of randomised controlled trials testing the effects of vitamin C supplementation on blood lipids. <i>Clinical Nutrition</i> , 2016 , 35, 626-37	5.9	26
245	Profile of European adults interested in internet-based personalised nutrition: the Food4Me study. <i>European Journal of Nutrition</i> , 2016 , 55, 759-769	5.2	27
244	Mobilizing Resources for Well-being: Implications for Developing Interventions in the Retirement Transition. <i>Gerontologist, The</i> , 2016 , 56, 615-29	5	21
243	Effects of inorganic nitrate and beetroot supplementation on endothelial function: a systematic review and meta-analysis. <i>European Journal of Nutrition</i> , 2016 , 55, 451-459	5.2	82
242	A multi-resolution investigation for postural transition detection and quantification using a single wearable. <i>Gait and Posture</i> , 2016 , 49, 411-417	2.6	6
241	The impact of 677C - \bar{q} risk knowledge on changes in folate intake: findings from the Food4Me study. <i>Genes and Nutrition</i> , 2016 , 11, 25	4.3	8
240	Towards a multidimensional healthy ageing phenotype. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016 , 19, 418-426	3.8	6
239	The Effects of Bariatric Procedures on Bowel Habit. <i>Obesity Surgery</i> , 2016 , 26, 2348-54	3.7	15
238	The Diabetes Remission Clinical Trial (DiRECT): protocol for a cluster randomised trial. <i>BMC Family Practice</i> , 2016 , 17, 20	2.6	54
237	DNA methylation profiling identifies novel markers of progression in hepatitis B-related chronic liver disease. <i>Clinical Epigenetics</i> , 2016 , 8, 48	7.7	13

236	Consumption of Fish Oil Providing Amounts of Eicosapentaenoic Acid and Docosahexaenoic Acid That Can Be Obtained from the Diet Reduces Blood Pressure in Adults with Systolic Hypertension: A Retrospective Analysis. <i>Journal of Nutrition</i> , 2016 , 146, 516-23	4.1	39
235	Effect of Dietary Patterns on Muscle Strength and Physical Performance in the Very Old: Findings from the Newcastle 85+ Study. <i>PLoS ONE</i> , 2016 , 11, e0149699	3.7	42
234	Objectively Measured Physical Activity in European Adults: Cross-Sectional Findings from the Food4Me Study. <i>PLoS ONE</i> , 2016 , 11, e0150902	3.7	16
233	Changes in Physical Activity Following a Genetic-Based Internet-Delivered Personalized Intervention: Randomized Controlled Trial (Food4Me). <i>Journal of Medical Internet Research</i> , 2016 , 18, e30	7.6	21
232	A Dietary Feedback System for the Delivery of Consistent Personalized Dietary Advice in the Web-Based Multicenter Food4Me Study. <i>Journal of Medical Internet Research</i> , 2016 , 18, e150	7.6	23
231	Integrating Evidence From Systematic Reviews, Qualitative Research, and Expert Knowledge Using Co-Design Techniques to Develop a Web-Based Intervention for People in the Retirement Transition. <i>Journal of Medical Internet Research</i> , 2016 , 18, e210	7.6	41
230	Organ-Specific Gene Expression Changes in the Fetal Liver and Placenta in Response to Maternal Folate Depletion. <i>Nutrients</i> , 2016 , 8,	6.7	7
229	Vitamin C, Antioxidant Status, and Cardiovascular Aging 2016 , 609-619		6
228	Intakes of Folate and Vitamin B12 and Biomarkers of Status in the Very Old: The Newcastle 85+ Study. <i>Nutrients</i> , 2016 , 8,	6.7	14
227	Pilot Randomised Controlled Trial of a Web-Based Intervention to Promote Healthy Eating, Physical Activity and Meaningful Social Connections Compared with Usual Care Control in People of Retirement Age Recruited from Workplaces. <i>PLoS ONE</i> , 2016 , 11, e0159703	3.7	38
226	Developing community-based urine sampling methods to facilitate dietary exposure biomarker technology for population assessment. <i>Proceedings of the Nutrition Society</i> , 2016 , 75,	2.9	1
225	Quantification of dietary biomarkers in spot urine samples reflects the intake of foods of UK high public health importance. <i>Proceedings of the Nutrition Society</i> , 2016 , 75,	2.9	3
224	Dietary Patterns High in Red Meat, Potato, Gravy, and Butter Are Associated with Poor Cognitive Functioning but Not with Rate of Cognitive Decline in Very Old Adults. <i>Journal of Nutrition</i> , 2016 , 146, 265-74	4.1	23
223	Physical activity attenuates the effect of the FTO genotype on obesity traits in European adults: The Food4Me study. <i>Obesity</i> , 2016 , 24, 962-9	8	38
222	Exploring the association of dairy product intake with the fatty acids C15:0 and C17:0 measured from dried blood spots in a multipopulation cohort: Findings from the Food4Me study. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 834-45	5.9	22
221	Effect of an Internet-based, personalized nutrition randomized trial on dietary changes associated with the Mediterranean diet: the Food4Me Study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 288-97	7	49
220	Dietary nitrate does not affect physical activity or outcomes in healthy older adults in a randomized, cross-over trial. <i>Nutrition Research</i> , 2016 , 36, 1361-1369	4	18
219	Gene methylation parallelisms between peripheral blood cells and oral mucosa samples in relation to overweight. <i>Journal of Physiology and Biochemistry</i> , 2016 , 73, 465-474	5	12

218	Clustering of adherence to personalised dietary recommendations and changes in healthy eating index within the Food4Me study. <i>Public Health Nutrition</i> , 2016 , 19, 3296-3305	3.3	6
217	Micronutrient intake and food sources in the very old: analysis of the Newcastle 85+ Study. <i>British Journal of Nutrition</i> , 2016 , 116, 751-61	3.6	26
216	Nutrition, Epigenetics and Aging 2016 , 103-131		
215	Phenotypic factors influencing the variation in response of circulating cholesterol level to personalised dietary advice in the Food4Me study. <i>British Journal of Nutrition</i> , 2016 , 116, 2011-2019	3.6	9
214	What do we know about the nutritional status of the very old? Insights from three cohorts of advanced age from the UK and New Zealand. <i>Proceedings of the Nutrition Society</i> , 2016 , 75, 420-30	2.9	9
213	Maternal folate deficiency and metabolic dysfunction in offspring. <i>Proceedings of the Nutrition Society</i> , 2016 , 75, 90-95	2.9	16
212	Application of dried blood spots to determine vitamin D status in a large nutritional study with unsupervised sampling: the Food4Me project. <i>British Journal of Nutrition</i> , 2016 , 115, 202-11	3.6	33
211	Fat mass- and obesity-associated genotype, dietary intakes and anthropometric measures in European adults: the Food4Me study. <i>British Journal of Nutrition</i> , 2016 , 115, 440-8	3.6	17
210	An Analytical Pipeline for Quantitative Characterization of Dietary Intake: Application To Assess Grape Intake. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2423-31	5.7	38
209	Reproducibility of the Online Food4Me Food-Frequency Questionnaire for Estimating Dietary Intakes across Europe. <i>Journal of Nutrition</i> , 2016 , 146, 1068-75	4.1	20
208	Macronutrient intake and food sources in the very old: analysis of the Newcastle 85+ Study. <i>British Journal of Nutrition</i> , 2016 , 115, 2170-80	3.6	30
207	Transcriptomics and proteomics show that selenium affects inflammation, cytoskeleton, and cancer pathways in human rectal biopsies. <i>FASEB Journal</i> , 2016 , 30, 2812-25	0.9	33
206	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. <i>BMJ, The</i> , 2016 , 354, i4707	5.9	70
205	The effect of the apolipoprotein E genotype on response to personalized dietary advice intervention: findings from the Food4Me randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 827-36	7	34
204	Gene promoter DNA methylation patterns have a limited role in orchestrating transcriptional changes in the fetal liver in response to maternal folate depletion during pregnancy. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2031-42	5.9	12
203	Impact of nutrition on the ageing process. <i>British Journal of Nutrition</i> , 2015 , 113 Suppl, S18-22	3.6	36
202	Aberrations in DNA methylation are detectable during remission of acute lymphoblastic leukemia and predict patient outcome. <i>Epigenomics</i> , 2015 , 7, 35-45	4.4	4
201	Is resistant starch protective against colorectal cancer via modulation of the WNT signalling pathway?. <i>Proceedings of the Nutrition Society</i> , 2015 , 74, 282-91	2.9	16

200	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. <i>Genes and Nutrition</i> , 2015 , 10, 28	4.3	37
199	The features of interventions associated with long-term effectiveness of physical activity interventions in adults aged 55-70 years: a systematic review and meta-analysis. <i>Health Psychology Review</i> , 2015 , 9, 417-33	7.1	72
198	Differential DNA methylation of genes involved in fibrosis progression in non-alcoholic fatty liver disease and alcoholic liver disease. <i>Clinical Epigenetics</i> , 2015 , 7, 25	7.7	104
197	Instrumenting gait with an accelerometer: a system and algorithm examination. <i>Medical Engineering and Physics</i> , 2015 , 37, 400-7	2.4	119
196	The relative validity and repeatability of an FFQ for estimating intake of zinc and its absorption modifiers in young and older Saudi adults. <i>Public Health Nutrition</i> , 2015 , 18, 968-76	3.3	3
195	Effect of vitamin C and vitamin E supplementation on endothelial function: a systematic review and meta-analysis of randomised controlled trials. <i>British Journal of Nutrition</i> , 2015 , 113, 1182-94	3.6	52
194	Personalising nutritional guidance for more effective behaviour change. <i>Proceedings of the Nutrition Society</i> , 2015 , 74, 130-8	2.9	59
193	Effects of handgrip exercise or inorganic nitrate supplementation on 24-h ambulatory blood pressure and peripheral arterial function in overweight and obese middle age and older adults: A pilot RCT. <i>Maturitas</i> , 2015 , 82, 228-35	5	22
192	Obesity, Aspirin, and Risk of Colorectal Cancer in Carriers of Hereditary Colorectal Cancer: A Prospective Investigation in the CAPP2 Study. <i>Journal of Clinical Oncology</i> , 2015 , 33, 3591-7	2.2	71
191	iCap: Instrumented assessment of physical capability. <i>Maturitas</i> , 2015 , 82, 116-22	5	29
190	Serum osmolarity and haematocrit do not modify the association between the impedance index (Ht(2)/Z) and total body water in the very old: the Newcastle 85+ study. <i>Archives of Gerontology and Geriatrics</i> , 2015 , 60, 227-32	4	8
189	Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. <i>Genes and Nutrition</i> , 2015 , 10, 450	4.3	109
188	Exercise modalities and endothelial function: a systematic review and dose-response meta-analysis of randomized controlled trials. <i>Sports Medicine</i> , 2015 , 45, 279-96	10.6	137
187	Development and automation of a dietary feedback system for the delivery of personalised dietary advice. <i>Proceedings of the Nutrition Society</i> , 2015 , 74,	2.9	1
186	Dietary patterns in Europe: the Food4Me proof of principle study. <i>Proceedings of the Nutrition Society</i> , 2015 , 74,	2.9	2
185	Associations between FTO genotype and total energy and macronutrient intake in adults: a systematic review and meta-analysis. <i>Obesity Reviews</i> , 2015 , 16, 666-78	10.6	40
184	A proposed panel of biomarkers of healthy ageing. <i>BMC Medicine</i> , 2015 , 13, 222	11.4	130
183	Predicting fatty acid profiles in blood based on food intake and the FADS1 rs174546 SNP. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2565-73	5.9	9

182	Nutrient Status Assessment in Individuals and Populations for Healthy Aging-Statement from an Expert Workshop. <i>Nutrients</i> , 2015 , 7, 10491-500	6.7	23
181	Analysis of Dietary Pattern Impact on Weight Status for Personalised Nutrition through On-Line Advice: The Food4Me Spanish Cohort. <i>Nutrients</i> , 2015 , 7, 9523-37	6.7	20
180	Effects of the Dietary Approach to Stop Hypertension (DASH) diet on cardiovascular risk factors: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2015 , 113, 1-15	3.6	315
179	Ageing modifies the effects of beetroot juice supplementation on 24-hour blood pressure variability: An individual participant meta-analysis. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 47, 97-105	5	35
178	The Mediterranean diet among British older adults: Its understanding, acceptability and the feasibility of a randomised brief intervention with two levels of dietary advice. <i>Maturitas</i> , 2015 , 82, 387-93	5	12
177	Age-related changes in resting energy expenditure in normal weight, overweight and obese men and women. <i>Maturitas</i> , 2015 , 80, 406-13	5	18
176	Blood-borne biomarkers of mortality risk: systematic review of cohort studies. <i>PLoS ONE</i> , 2015 , 10, e0123550	3.5	60
175	Dietary Patterns and Socioeconomic Status in the Very Old: The Newcastle 85+ Study. <i>PLoS ONE</i> , 2015 , 10, e0139713	3.7	15
174	Effects of a Web-Based Personalized Intervention on Physical Activity in European Adults: A Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2015 , 17, e231	7.6	20
173	Association of Mediterranean diet and other health behaviours with barriers to healthy eating and perceived health among British adults of retirement age. <i>Maturitas</i> , 2014 , 79, 292-8	5	31
172	Antioxidant vitamin supplementation reduces arterial stiffness in adults: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Nutrition</i> , 2014 , 144, 1594-602	4.1	25
171	The effects of bariatric surgery on colorectal cancer risk: systematic review and meta-analysis. <i>Obesity Surgery</i> , 2014 , 24, 1793-9	3.7	60
170	Acquisition of aberrant DNA methylation is associated with frailty in the very old: findings from the Newcastle 85+ Study. <i>Biogerontology</i> , 2014 , 15, 317-28	4.5	20
169	Effectiveness of dietary interventions among adults of retirement age: a systematic review and meta-analysis of randomized controlled trials. <i>BMC Medicine</i> , 2014 , 12, 60	11.4	49
168	Effect of vitamin C on endothelial function in health and disease: a systematic review and meta-analysis of randomised controlled trials. <i>Atherosclerosis</i> , 2014 , 235, 9-20	3.1	94
167	Effects of exercise modalities on arterial stiffness and wave reflection: a systematic review and meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , 2014 , 9, e110034	3.7	240
166	Nutrition and Lifelong Wellbeing 2014 , 1-13		
165	Association of behaviour change techniques with effectiveness of dietary interventions among adults of retirement age: a systematic review and meta-analysis of randomised controlled trials. <i>BMC Medicine</i> , 2014 , 12, 177	11.4	73

164	Sugar consumption and global prevalence of obesity and hypertension: an ecological analysis. <i>Public Health Nutrition</i> , 2014 , 17, 587-96	3.3	96
163	Clonal expansion of early to mid-life mitochondrial DNA point mutations drives mitochondrial dysfunction during human ageing. <i>PLoS Genetics</i> , 2014 , 10, e1004620	6	86
162	The association between retirement and age on physical activity in older adults. <i>Age and Ageing</i> , 2014 , 43, 386-93	3	65
161	Detecting translational regulation by change point analysis of ribosome profiling data sets. <i>Rna</i> , 2014 , 20, 1507-18	5.8	27
160	A comparison of methods to detect postural transitions using a single tri-axial accelerometer. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 6234-7	0.9	8
159	Within trial validation and reliability of a single tri-axial accelerometer for gait assessment. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 5892-5	0.9	15
158	Metabolic effects of a high-fat diet post-weaning after low maternal dietary folate during pregnancy and lactation. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1087-97	5.9	20
157	DNA methylation abnormalities at gene promoters are extensive and variable in the elderly and phenocopy cancer cells. <i>FASEB Journal</i> , 2014 , 28, 3261-72	0.9	26
156	Nutrition and healthy ageing: the key ingredients. <i>Proceedings of the Nutrition Society</i> , 2014 , 73, 249-59	2.9	91
155	Redox and epigenetic regulation of the APE1 gene in the hippocampus of piglets: The effect of early life exposures. <i>DNA Repair</i> , 2014 , 18, 52-62	4.3	12
154	Online dietary intake estimation: the Food4Me food frequency questionnaire. <i>Journal of Medical Internet Research</i> , 2014 , 16, e150	7.6	88
153	Online dietary intake estimation: reproducibility and validity of the Food4Me food frequency questionnaire against a 4-day weighed food record. <i>Journal of Medical Internet Research</i> , 2014 , 16, e190	7.6	112
152	Are behavioral interventions effective in increasing physical activity at 12 to 36 months in adults aged 55 to 70 years? A systematic review and meta-analysis. <i>BMC Medicine</i> , 2013 , 11, 75	11.4	140
151	Maternal folate depletion and high-fat feeding from weaning affects DNA methylation and DNA repair in brain of adult offspring. <i>FASEB Journal</i> , 2013 , 27, 3323-34	0.9	65
150	Chemoprevention in Lynch syndrome. <i>Familial Cancer</i> , 2013 , 12, 707-18	3	46
149	Quantitative profiling of CpG island methylation in human stool for colorectal cancer detection. <i>International Journal of Colorectal Disease</i> , 2013 , 28, 35-42	3	18
148	Systemic folate status, rectal mucosal folate concentration and dietary intake in patients at differential risk of bowel cancer (The FAB2 Study). <i>European Journal of Nutrition</i> , 2013 , 52, 1801-10	5.2	7
147	Do age-related changes in DNA methylation play a role in the development of age-related diseases?. <i>Biochemical Society Transactions</i> , 2013 , 41, 803-7	5.1	30

146	Towards measurement of the Healthy Ageing Phenotype in lifestyle-based intervention studies. <i>Maturitas</i> , 2013 , 76, 189-99	5	96
145	Priority research questions for the UK food system. <i>Food Security</i> , 2013 , 5, 617-636	6.7	47
144	Effects of Sirt1 on DNA methylation and expression of genes affected by dietary restriction. <i>Age</i> , 2013 , 35, 1835-49		22
143	Nutritional factors and gender influence age-related DNA methylation in the human rectal mucosa. <i>Aging Cell</i> , 2013 , 12, 148-55	9.9	74
142	Do we know enough? A scientific and ethical analysis of the basis for genetic-based personalized nutrition. <i>Genes and Nutrition</i> , 2013 , 8, 373-81	4.3	47
141	Efficacy and feasibility of the epithelial cell adhesion molecule (EpCAM) immunomagnetic cell sorter for studies of DNA methylation in colorectal cancer. <i>International Journal of Molecular Sciences</i> , 2013 , 15, 44-57	6.3	6
140	Inorganic nitrate and beetroot juice supplementation reduces blood pressure in adults: a systematic review and meta-analysis. <i>Journal of Nutrition</i> , 2013 , 143, 818-26	4.1	207
139	Tissue differences in BER-related incision activity and non-specific nuclease activity as measured by the comet assay. <i>Mutagenesis</i> , 2013 , 28, 673-81	2.8	9
138	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, 448-56	4.1	85
137	Supporting well-being in retirement through meaningful social roles: systematic review of intervention studies. <i>Milbank Quarterly</i> , 2013 , 91, 222-87	3.9	71
136	Dietary exposure biomarker-lead discovery based on metabolomics analysis of urine samples. <i>Proceedings of the Nutrition Society</i> , 2013 , 72, 352-61	2.9	31
135	Nutrition and ageing: knowledge, gaps and research priorities. <i>Proceedings of the Nutrition Society</i> , 2013 , 72, 246-50	2.9	46
134	Comparison of methods for quantification of global DNA methylation in human cells and tissues. <i>PLoS ONE</i> , 2013 , 8, e79044	3.7	112
133	Comparison study of MS-HRM and pyrosequencing techniques for quantification of APC and CDKN2A gene methylation. <i>PLoS ONE</i> , 2013 , 8, e52501	3.7	67
132	Importance of weight loss maintenance and risk prediction in the prevention of type 2 diabetes: analysis of European Diabetes Prevention Study RCT. <i>PLoS ONE</i> , 2013 , 8, e57143	3.7	81
131	Influence of DNMT genotype on global and site specific DNA methylation patterns in neonates and pregnant women. <i>PLoS ONE</i> , 2013 , 8, e76506	3.7	14
130	Apolipoprotein E genotype and the cardiovascular disease risk phenotype: impact of sex and adiposity (the FINGEN study). <i>Atherosclerosis</i> , 2012 , 221, 467-70	3.1	25
129	Multigenerational epigenetic adaptation of the hepatic wound-healing response. <i>Nature Medicine</i> , 2012 , 18, 1369-77	50.5	217

128	MYOD-1 in normal colonic mucosa--role as a putative biomarker?. <i>BMC Research Notes</i> , 2012 , 5, 240	2.3	6
127	Lynch syndrome: history, causes, diagnosis, treatment and prevention (CAPP2 trial). <i>Digestive Diseases</i> , 2012 , 30 Suppl 2, 39-47	3.2	12
126	Long-term effect of resistant starch on cancer risk in carriers of hereditary colorectal cancer: an analysis from the CAPP2 randomised controlled trial. <i>Lancet Oncology, The</i> , 2012 , 13, 1242-9	21.7	70
125	Early determinants of the ageing trajectory. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012 , 26, 613-26	6.5	32
124	Genetic and non-genetic influences during pregnancy on infant global and site specific DNA methylation: role for folate gene variants and vitamin B12. <i>PLoS ONE</i> , 2012 , 7, e33290	3.7	105
123	Effects on nutrient intake of a family-based intervention to promote increased consumption of low-fat starchy foods through education, cooking skills and personalised goal setting: the Family Food and Health Project. <i>British Journal of Nutrition</i> , 2012 , 107, 1833-44	3.6	28
122	Comparison of mitochondrial mutation spectra in ageing human colonic epithelium and disease: absence of evidence for purifying selection in somatic mitochondrial DNA point mutations. <i>PLoS Genetics</i> , 2012 , 8, e1003082	6	52
121	Identification of the human zinc transcriptional regulatory element (ZTRE): a palindromic protein-binding DNA sequence responsible for zinc-induced transcriptional repression. <i>Journal of Biological Chemistry</i> , 2012 , 287, 36567-81	5.4	27
120	Standardization and quality controls for the methylated DNA immunoprecipitation technique. <i>Epigenetics</i> , 2012 , 7, 615-25	5.7	16
119	Postnatal growth and DNA methylation are associated with differential gene expression of the TACSTD2 gene and childhood fat mass. <i>Diabetes</i> , 2012 , 61, 391-400	0.9	47
118	Global LINE-1 DNA methylation is associated with blood glycaemic and lipid profiles. <i>International Journal of Epidemiology</i> , 2012 , 41, 210-7	7.8	71
117	Tracking of obesity-related behaviours from childhood to adulthood: A systematic review. <i>Maturitas</i> , 2011 , 70, 266-84	5	576
116	Long-term effect of aspirin on cancer risk in carriers of hereditary colorectal cancer: an analysis from the CAPP2 randomised controlled trial. <i>Lancet, The</i> , 2011 , 378, 2081-7	40	715
115	Effect of maternal and post-weaning folate supply on gene-specific DNA methylation in the small intestine of weaning and adult apc and wild type mice. <i>Frontiers in Genetics</i> , 2011 , 2, 23	4.5	24
114	Assessment of a large panel of candidate biomarkers of ageing in the Newcastle 85+ study. <i>Mechanisms of Ageing and Development</i> , 2011 , 132, 496-502	5.6	90
113	The impact of common gene variants on the response of biomarkers of cardiovascular disease (CVD) risk to increased fish oil fatty acids intakes. <i>Annual Review of Nutrition</i> , 2011 , 31, 203-34	9.9	53
112	Measuring DNA repair incision activity of mouse tissue extracts towards singlet oxygen-induced DNA damage: a comet-based in vitro repair assay. <i>Mutagenesis</i> , 2011 , 26, 461-71	2.8	33
111	Development and validation of a standardized protocol to monitor human dietary exposure by metabolite fingerprinting of urine samples. <i>Metabolomics</i> , 2011 , 7, 469-484	4.7	59

110	Folate depletion during pregnancy and lactation reduces genomic DNA methylation in murine adult offspring. <i>Genes and Nutrition</i> , 2011 , 6, 189-96	4.3	63
109	Blood as a surrogate marker for tissue-specific DNA methylation and changes due to folate depletion in post-partum female mice. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1026-35	5.9	47
108	Maternal folate supply and sex influence gene-specific DNA methylation in the fetal gut. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1717-23	5.9	38
107	Proline betaine and its biotransformation products in fasting urine samples are potential biomarkers of habitual citrus fruit consumption. <i>British Journal of Nutrition</i> , 2011 , 106, 812-24	3.6	114
106	Translating research evidence to service provision for prevention of type 2 diabetes: development and early outcomes of the New life, New you intervention. <i>British Journal of Diabetes and Vascular Disease</i> , 2011 , 11, 175-181		9
105	A randomized placebo-controlled prevention trial of aspirin and/or resistant starch in young people with familial adenomatous polyposis. <i>Cancer Prevention Research</i> , 2011 , 4, 655-65	3.2	158
104	Use of mass spectrometry fingerprinting to identify urinary metabolites after consumption of specific foods. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 981-91	7	110
103	The CpG island methylation regulated expression of endothelial proangiogenic genes in response to β -carotene and arachidonic acid. <i>Nutrition and Cancer</i> , 2011 , 63, 1053-63	2.8	17
102	MLH1 Differential allelic expression in mutation carriers and controls. <i>Annals of Human Genetics</i> , 2010 , 74, 479-88	2.2	12
101	Age-associated mitochondrial DNA mutations lead to small but significant changes in cell proliferation and apoptosis in human colonic crypts. <i>Ageing Cell</i> , 2010 , 9, 96-9	9.9	47
100	Packaged food intake by British children aged 0 to 6 years. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010 , 27, 380-8	3.2	9
99	Nutrition, Epigenomics and the Development of Obesity 2010 , 191-201		3
98	Inhibition of methylation decreases osteoblast differentiation via a non-DNA-dependent methylation mechanism. <i>Bone</i> , 2010 , 46, 514-23	4.7	31
97	Induction of epigenetic alterations by dietary and other environmental factors. <i>Advances in Genetics</i> , 2010 , 71, 3-39	3.3	213
96	Differential antineoplastic effects of butyrate in cells with and without a functioning DNA mismatch repair. <i>Nutrition and Cancer</i> , 2010 , 62, 105-15	2.8	13
95	Intestinal tumours, colonic butyrate and sleep in exercised Min mice. <i>British Journal of Nutrition</i> , 2010 , 104, 355-63	3.6	16
94	Inter-individual variation in DNA damage and base excision repair in young, healthy non-smokers: effects of dietary supplementation and genotype. <i>British Journal of Nutrition</i> , 2010 , 103, 1585-93	3.6	35
93	Challenges of molecular nutrition research 6: the nutritional phenotype database to store, share and evaluate nutritional systems biology studies. <i>Genes and Nutrition</i> , 2010 , 5, 189-203	4.3	58

92	Assessment of dietary intake: NuGO symposium report. <i>Genes and Nutrition</i> , 2010 , 5, 205-13	4.3	52
91	The Micronutrient Genomics Project: a community-driven knowledge base for micronutrient research. <i>Genes and Nutrition</i> , 2010 , 5, 285-96	4.3	40
90	Defects in multiple complexes of the respiratory chain are present in ageing human colonic crypts. <i>Experimental Gerontology</i> , 2010 , 45, 573-9	4.5	43
89	Polymorphisms affecting trace element bioavailability. <i>International Journal for Vitamin and Nutrition Research</i> , 2010 , 80, 314-8	1.7	4
88	Modelling mitochondrial DNA mutations in bacterial cytochrome c oxidase: link to colon cancer?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, E57	11.5	1
87	Epigenetics - potential contribution to fetal programming. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 646, 119-23	3.6	57
86	Raised adolescent body mass index predicts the development of adiposity and a central distribution of body fat in adulthood: a longitudinal study. <i>Obesity Facts</i> , 2009 , 2, 150-6	5.1	33
85	Tracking of dietary intake and factors associated with dietary change from early adolescence to adulthood: the ASH30 study. <i>Obesity Facts</i> , 2009 , 2, 157-65	5.1	37
84	Relative abundance of selenoprotein P isoforms in human plasma depends on genotype, se intake, and cancer status. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 2631-40	8.4	93
83	Inter-individual variation in nucleotide excision repair in young adults: effects of age, adiposity, micronutrient supplementation and genotype. <i>British Journal of Nutrition</i> , 2009 , 101, 1316-23	3.6	30
82	Prevention of type 2 diabetes in adults with impaired glucose tolerance: the European Diabetes Prevention RCT in Newcastle upon Tyne, UK. <i>BMC Public Health</i> , 2009 , 9, 342	4.1	96
81	Folate intake and bowel cancer risk. <i>Genes and Nutrition</i> , 2009 , 4, 173-8	4.3	27
80	Quantification of mitochondrial DNA mutation load. <i>Aging Cell</i> , 2009 , 8, 566-72	9.9	34
79	Changing foodscapes 1980-2000, using the ASH30 Study. <i>Appetite</i> , 2009 , 53, 157-65	4.5	54
78	Diet, ageing and genetic factors in the pathogenesis of diverticular disease. <i>World Journal of Gastroenterology</i> , 2009 , 15, 2479-88	5.6	92
77	Combining social and nutritional perspectives: from adolescence to adulthood (the ASH30 study). <i>British Food Journal</i> , 2009 , 111, 1200-1211	2.8	7
76	Methylation status of CpG islands in the promoter region of genes differentially expressed in colonic mucosa from adenoma patients and controls in response to altered vegetable intake. <i>British Journal of Nutrition</i> , 2009 , 101, 1295-9	3.6	7
75	Analysis of differential gene-regulatory responses to zinc in human intestinal and placental cell lines. <i>British Journal of Nutrition</i> , 2009 , 101, 1474-83	3.6	6

74	Nutrition, Epigenetics, And Aging 2009 , 175-205		9
73	Biomarkers of the intake of dietary polyphenols: strengths, limitations and application in nutrition research. <i>British Journal of Nutrition</i> , 2008 , 99, 12-22	3.6	310
72	Session 2: Personalised nutrition. Epigenomics: a basis for understanding individual differences?. <i>Proceedings of the Nutrition Society</i> , 2008 , 67, 390-4	2.9	48
71	Bioethical considerations for human nutrigenomics. <i>Annual Review of Nutrition</i> , 2008 , 28, 447-67	9.9	22
70	Mechanisms of mammalian zinc-regulated gene expression. <i>Biochemical Society Transactions</i> , 2008 , 36, 1262-6	5.1	46
69	Prevalence of adenomas and hyperplastic polyps in mismatch repair mutation carriers among CAPP2 participants: report by the colorectal adenoma/carcinoma prevention programme 2. <i>Journal of Clinical Oncology</i> , 2008 , 26, 3434-9	2.2	29
68	Effect of aspirin or resistant starch on colorectal neoplasia in the Lynch syndrome. <i>New England Journal of Medicine</i> , 2008 , 359, 2567-78	59.2	228
67	Gender-specific modulation of tumorigenesis by folic acid supply in the Apc mouse during early neonatal life. <i>British Journal of Nutrition</i> , 2008 , 99, 550-8	3.6	23
66	Nutrition and bone health projects funded by the UK Food Standards Agency: have they helped to inform public health policy?. <i>British Journal of Nutrition</i> , 2008 , 99, 198-205	3.6	17
65	Sources of total, non-milk extrinsic, and intrinsic and milk sugars in the diets of older adults living in sheltered accommodation. <i>British Journal of Nutrition</i> , 2008 , 99, 649-52	3.6	2
64	Genetic polymorphisms in the human selenoprotein P gene determine the response of selenoprotein markers to selenium supplementation in a gender-specific manner (the SELGEN study). <i>FASEB Journal</i> , 2007 , 21, 3063-74	0.9	167
63	The biological revolution: understanding the impact of SNPs on diet-cancer interrelationships. <i>Journal of Nutrition</i> , 2007 , 137, 253S-258S	4.1	8
62	Zinc transporters in the mouse placenta show a coordinated regulatory response to changes in dietary zinc intake. <i>Placenta</i> , 2007 , 28, 437-44	3.4	29
61	Overview of genes, diet and cancer. <i>Genes and Nutrition</i> , 2007 , 2, 67-70	4.3	5
60	Splice variants of the human zinc transporter ZnT5 (SLC30A5) are differentially localized and regulated by zinc through transcription and mRNA stability. <i>Journal of Biological Chemistry</i> , 2007 , 282, 10423-31	5.4	74
59	ZnT5 variant B is a bidirectional zinc transporter and mediates zinc uptake in human intestinal Caco-2 cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 14389-93	5.4	87
58	Early nutrition: impact on epigenetics. <i>Forum of Nutrition</i> , 2007 , 60, 42-48		42
57	Responses of biomarkers of folate and riboflavin status to folate and riboflavin supplementation in healthy and colorectal polyp patients (the FAB2 Study). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 2128-35	4	26

56	Nutrition and DNA repair--potential molecular mechanisms of action. <i>Current Cancer Drug Targets</i> , 2007 , 7, 425-31	2.8	21
55	Changes in consumption of sugars by English adolescents over 20 years. <i>Public Health Nutrition</i> , 2007 , 10, 354-63	3.3	34
54	Personalised nutrition: status and perspectives. <i>British Journal of Nutrition</i> , 2007 , 98, 26-31	3.6	61
53	Folate and colo-rectal cancer risk. <i>British Journal of Nutrition</i> , 2007 , 98, 1299-304	3.6	18
52	Healthy eating: perceptions and practice (the ASH30 study). <i>Appetite</i> , 2007 , 48, 176-82	4.5	47
51	Toward Personalized Nutrition for the Prevention and Treatment of Cancer 2007 , 75-87		
50	Peer educators' perceptions of training for and implementing a community-based nutrition intervention for older adults. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2006 , 25, 147-71		12
49	Nutritional modulation of ageing: genomic and epigenetic approaches. <i>Mechanisms of Ageing and Development</i> , 2006 , 127, 584-9	5.6	53
48	Longitudinal change in food habits between adolescence (11-12 years) and adulthood (32-33 years): the ASH30 Study. <i>Journal of Public Health</i> , 2006 , 28, 10-6	3.5	139
47	Proteomic analysis reveals field-wide changes in protein expression in the morphologically normal mucosa of patients with colorectal neoplasia. <i>Cancer Research</i> , 2006 , 66, 6553-62	10.1	97
46	Randomised controlled trial evaluating lifestyle interventions in people with impaired glucose tolerance. <i>Diabetes Research and Clinical Practice</i> , 2006 , 72, 117-27	7.4	79
45	Accuracy of estimates of food portion size using food photographs--the importance of using age-appropriate tools. <i>Public Health Nutrition</i> , 2006 , 9, 509-14	3.3	82
44	Food shopping and preparation among the 30-somethings: whose job is it? (The ASH30 study). <i>British Food Journal</i> , 2006 , 108, 475-486	2.8	70
43	Bioethics in human nutrigenomics research: European Nutrigenomics Organisation workshop report. <i>British Journal of Nutrition</i> , 2006 , 95, 1024-7	3.6	17
42	Plant foods for human health: research challenges. <i>Proceedings of the Nutrition Society</i> , 2006 , 65, 198-203.9		14
41	Candidate Mechanisms for Interactions between Nutrients and Genes 2006 , 19-36		4
40	Postprandial glycaemic, lipaemic and haemostatic responses to ingestion of rapidly and slowly digested starches in healthy young women. <i>British Journal of Nutrition</i> , 2005 , 94, 948-55	3.6	94
39	Methylation of the ESR1 CpG island in the colorectal mucosa is an 'all or nothing' process in healthy human colon, and is accelerated by dietary folate supplementation in the mouse. <i>Biochemical Society Transactions</i> , 2005 , 33, 709-11	5.1	18

38	DNA mismatch repair status may influence anti-neoplastic effects of butyrate. <i>Biochemical Society Transactions</i> , 2005 , 33, 728-9	5.1	9
37	Nutrition and epigenetics [How the genome learns from experience. <i>Nutrition Bulletin</i> , 2005 , 30, 6-12	3.5	5
36	Impact of physical activity on intestinal cancer development in mice. <i>Journal of Nutrition</i> , 2005 , 135, 3002S-3008S	4.5	5
35	Reversal of DNA hypomethylation by folic acid supplements: possible role in colorectal cancer prevention. <i>Gut</i> , 2005 , 54, 579-81	19.2	17
34	The case for strategic international alliances to harness nutritional genomics for public and personal health. <i>British Journal of Nutrition</i> , 2005 , 94, 623-32	3.6	112
33	Bioavailability of fluoride in drinking water: a human experimental study. <i>Journal of Dental Research</i> , 2005 , 84, 989-93	8.1	32
32	Assessing the survival of transgenic plant DNA in the human gastrointestinal tract. <i>Nature Biotechnology</i> , 2004 , 22, 204-9	44.5	121
31	The biological revolution - towards a mechanistic understanding of the impact of diet on cancer risk. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004 , 551, 43-9	3.3	19
30	Longitudinal dietary change from adolescence to adulthood: perceptions, attributions and evidence. <i>Appetite</i> , 2004 , 42, 255-63	4.5	53
29	Chairman's introduction: what can we expect to learn from genomics?. <i>Proceedings of the Nutrition Society</i> , 2004 , 63, 1-4	2.9	18
28	Effecting dietary change. <i>Proceedings of the Nutrition Society</i> , 2004 , 63, 537-47	2.9	36
27	Emerging diet-related surrogate end points for colorectal cancer: UK Food Standards Agency diet and colonic health workshop report. <i>British Journal of Nutrition</i> , 2004 , 91, 315-23	3.6	8
26	Starch digestion, large-bowel fermentation and intestinal mucosal cell proliferation in rats treated with the alpha-glucosidase inhibitor acarbose. <i>British Journal of Nutrition</i> , 2004 , 91, 357-65	3.6	49
25	Folate and DNA methylation during in utero development and aging. <i>Biochemical Society Transactions</i> , 2004 , 32, 1006-7	5.1	61
24	Nutrition and cancer prevention: diet-gene interactions. <i>Proceedings of the Nutrition Society</i> , 2003 , 62, 605-10	2.9	17
23	Anti-cancer effects of butyrate: use of micro-array technology to investigate mechanisms. <i>Proceedings of the Nutrition Society</i> , 2003 , 62, 107-15	2.9	123
22	Can resistant starch and/or aspirin prevent the development of colonic neoplasia? The Concerted Action Polyp Prevention (CAPP) 1 Study. <i>Proceedings of the Nutrition Society</i> , 2003 , 62, 51-7	2.9	15
21	Postprandial carbohydrate metabolism in healthy subjects and those with type 2 diabetes fed starches with slow and rapid hydrolysis rates determined in vitro. <i>British Journal of Nutrition</i> , 2003 , 90, 853-64	3.6	85

20	Are there socio-economic inequalities in age of resection of colorectal cancer in people with HNPCC?. <i>Familial Cancer</i> , 2003 , 2, 169-73	3	5
19	A novel zinc-regulated human zinc transporter, hZTL1, is localized to the enterocyte apical membrane. <i>Journal of Biological Chemistry</i> , 2002 , 277, 22789-97	5.4	107
18	Pulses and carcinogenesis: potential for the prevention of colon, breast and other cancers. <i>British Journal of Nutrition</i> , 2002 , 88 Suppl 3, S273-9	3.6	101
17	Degradation of transgenic DNA from genetically modified soya and maize in human intestinal simulations. <i>British Journal of Nutrition</i> , 2002 , 87, 533-542	3.6	43
16	Quantitative kinetics of glucose appearance and disposal following a 13C-labelled starch-rich meal: comparison of male and female subjects. <i>British Journal of Nutrition</i> , 2002 , 87, 569-577	3.6	24
15	Choosing your carbohydrates to prevent diabetes. <i>British Journal of Nutrition</i> , 2002 , 88, 107-108	3.6	2
14	Quantitative kinetics of glucose appearance and disposal following a 13C-labelled starch-rich meal: comparison of male and female subjects. <i>British Journal of Nutrition</i> , 2002 , 87, 569-77	3.6	9
13	Degradation of transgenic DNA from genetically modified soya and maize in human intestinal simulations. <i>British Journal of Nutrition</i> , 2002 , 87, 533-42	3.6	6
12	Choosing your carbohydrates to prevent diabetes. <i>British Journal of Nutrition</i> , 2002 , 88, 107-8	3.6	
11	Randomised controlled trial evaluating the effectiveness of behavioural interventions to modify cardiovascular risk factors in men and women with impaired glucose tolerance: outcomes at 6 months. <i>Diabetes Research and Clinical Practice</i> , 2001 , 52, 29-43	7.4	55
10	Gastric emptying rate of solids is reduced in a group of ileostomy patients. <i>Digestive Diseases and Sciences</i> , 2000 , 45, 1285-92	4	15
9	Changes to the quantity and processing of starchy foods in a western diet can increase polysaccharides escaping digestion and improve in vitro fermentation variables. <i>British Journal of Nutrition</i> , 2000 , 84, 63-72	3.6	22
8	Evidence for altered control of glucose disposal after total colectomy. <i>British Journal of Nutrition</i> , 2000 , 84, 813-819	3.6	12
7	Dietary strategies to reduce the burden of cancer and cardiovascular disease in the UK. <i>British Journal of Nutrition</i> , 2000 , 84 Suppl 2, S211-6	3.6	6
6	Intestinal tumorigenesis in the Apc1638N mouse treated with aspirin and resistant starch for up to 5 months. <i>Carcinogenesis</i> , 1999 , 20, 805-10	4.6	51
5	Nutrition in cancer prevention. <i>Current Opinion in Oncology</i> , 1999 , 11, 402-7	4.2	2
4	Dietary carbohydrates and insulin sensitivity. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 1998 , 1, 553-7	3.8	9
3	Duodenal brush-border mucosal glucose transport and enzyme activities in aging man and effect of bacterial contamination of the small intestine. <i>Digestive Diseases and Sciences</i> , 1993 , 38, 403-9	4	32

2	Varietal differences in the amino acid composition of barley grain during development and under varying nitrogen supply. <i>Journal of the Science of Food and Agriculture</i> , 1974 , 25, 963-72	4.3	18
1	The Gastrointestinal Tract 205-246		1