

Lisette de Groot

List of Publications by Year in Descending Order

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

267 papers	14,286 citations	55 h-index	113 g-index
282 ext. papers	17,112 ext. citations	5.6 avg, IF	6.2 L-index

#	Paper	IF	Citations
267	The Association between Malnutrition and Physical Performance in Older Adults: A Systematic Review and Meta-Analysis of Observational Studies.. <i>Current Developments in Nutrition</i> , 2022 , 6, n2364	7.0	2
266	Relative Validity and Reliability of Isometric Lower Extremity Strength Assessment in Older Adults by Using a Handheld Dynamometer.. <i>Sports Health</i> , 2022 , 19417381211063847	4.7	1
265	Impact of magnesium on bone health in older adults: A systematic review and meta-analysis. <i>Bone</i> , 2022 , 154, 116233	4.7	3
264	Malnutrition Prevalence and Nutrient Intakes of Indonesian Community-Dwelling Older Adults: A Systematic Review of Observational Studies.. <i>Frontiers in Nutrition</i> , 2022 , 9, 780003	6.2	
263	Nutrition and Exercise to Maintain Physical Functioning During Ageing. <i>Healthy Ageing and Longevity</i> , 2021 , 275-298	0.5	
262	The protein gap-increasing protein intake in the diet of community-dwelling older adults: a simulation study. <i>Public Health Nutrition</i> , 2021 , 1-9	3.3	0
261	Effect of dietary sources of calcium and protein on hip fractures and falls in older adults in residential care: cluster randomised controlled trial. <i>BMJ, The</i> , 2021 , 375, n2364	5.9	6
260	The Effect of Protein Supplementation versus Carbohydrate Supplementation on Muscle Damage Markers and Soreness Following a 15-km Road Race: A Double-Blind Randomized Controlled Trial. <i>Nutrients</i> , 2021 , 13,	6.7	1
259	In-Depth Analyses of the Effects of a Diet and Resistance Exercise Intervention in Older Adults: Who Benefits Most From ProMuscle in Practice?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 2204-2212	6.4	1
258	A novel oral nutritional supplement improves gait speed and mitochondrial functioning compared to standard care in older adults with (or at risk of) undernutrition: results from a randomized controlled trial. <i>Aging</i> , 2021 , 13, 9398-9418	5.6	1
257	Genetic variants modify the associations of concentrations of methylmalonic acid, vitamin B-12, vitamin B-6, and folate with bone mineral density. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 578-587	5.7	3
256	Nutritional concerns later in life. <i>Proceedings of the Nutrition Society</i> , 2021 , 80, 339-343	2.9	1
255	The Muscle Protein Synthetic Response to the Ingestion of a Plant-Based Protein Blend Is Not Different From Milk Protein in Healthy, Young Males. <i>Current Developments in Nutrition</i> , 2021 , 5, 517-517	7.0	0
254	Prevalence of lactose intolerance and nutrients intake in an older population regarded as lactase non-persistent. <i>Clinical Nutrition ESPEN</i> , 2021 , 43, 317-321	1.3	1
253	Long-term effects of folic acid and vitamin-B12 supplementation on fracture risk and cardiovascular disease: Extended follow-up of the B-PROOF trial. <i>Clinical Nutrition</i> , 2021 , 40, 1199-1206	5.9	1
252	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , 2021 , 12, 654	17.4	10
251	Dietary Protein Intake in Older Adults from Ethnic Minorities in the Netherlands, a Mixed Methods Approach. <i>Nutrients</i> , 2021 , 13,	6.7	1

250	No differences in muscle protein synthesis rates following ingestion of wheat protein, milk protein, and their protein blend in healthy, young males. <i>British Journal of Nutrition</i> , 2021 , 126, 1832-1842	3.6	9
249	Positive effects of folic acid supplementation on cognitive aging are dependent on EB fatty acid status: a post hoc analysis of the FACIT trial. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 801-809	7	5
248	The association between hyperkyphosis and fall incidence among community-dwelling older adults. <i>Osteoporosis International</i> , 2021 , 1	5.3	1
247	Vitamin B-6 intake is related to physical performance in European older adults: results of the New Dietary Strategies Addressing the Specific Needs of the Elderly Population for Healthy Aging in Europe (NU-AGE) study. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 781-789	7	4
246	Ingestion of an ample amount of meat substitute based upon a lysine-enriched, plant-based protein blend stimulates postprandial muscle protein synthesis to a similar extent as an isonitrogenous amount of chicken in healthy, young men. <i>British Journal of Nutrition</i> , 2021 , 1-28	3.6	0
245	Design of the DYNAMO study: a multi-center randomized controlled trial to investigate the effect of pre-thickened oral nutritional supplements in nursing home residents with dysphagia and malnutrition (risk). <i>BMC Geriatrics</i> , 2020 , 20, 537	4.1	4
244	The Muscle Protein Synthetic Response Following Ingestion of Corn Protein, Milk Protein and Their Protein Blend in Young Males. <i>Current Developments in Nutrition</i> , 2020 , 4, 651-651	0.4	3
243	The association between dietary and skin advanced glycation end products: the Rotterdam Study. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 129-137	7	9
242	Interdisciplinary communication and collaboration as key to improved nutritional care of malnourished older adults across health-care settings - A qualitative study. <i>Health Expectations</i> , 2020 , 23, 1096-1107	3.7	4
241	Process Evaluation of a Combined Lifestyle Intervention for Community-Dwelling Older Adults: ProMuscle in Practice. <i>Gerontologist</i> , 2020 , 60, 1538-1554	5	3
240	A Combined Nutrition and Exercise Intervention Influences Serum Vitamin B-12 and 25-Hydroxyvitamin D and Bone Turnover of Healthy Chinese Middle-Aged and Older Adults. <i>Journal of Nutrition</i> , 2020 , 150, 2112-2119	4.1	0
239	Mediterranean diet intervention alters the gut microbiome in older people reducing frailty and improving health status: the NU-AGE 1-year dietary intervention across five European countries. <i>Gut</i> , 2020 , 69, 1218-1228	19.2	209
238	Protein Type, Protein Dose, and Age Modulate Dietary Protein Digestion and Phenylalanine Absorption Kinetics and Plasma Phenylalanine Availability in Humans. <i>Journal of Nutrition</i> , 2020 , 150, 2041-2050	4.1	27
237	Associations between the Intake of Different Types of Dairy and Cognitive Performance in Dutch Older Adults: The B-PROOF Study. <i>Nutrients</i> , 2020 , 12,	6.7	2
236	Effectiveness of a Diet and Resistance Exercise Intervention on Muscle Health in Older Adults: ProMuscle in Practice. <i>Journal of the American Medical Directors Association</i> , 2020 , 21, 1065-1072.e3	5.9	14
235	Dietary Fibre May Mitigate Sarcopenia Risk: Findings from the NU-AGE Cohort of Older European Adults. <i>Nutrients</i> , 2020 , 12,	6.7	6
234	Dietary Intakes of Vegetable Protein, Folate, and Vitamins B-6 and B-12 Are Partially Correlated with Physical Functioning of Dutch Older Adults Using Copula Graphical Models. <i>Journal of Nutrition</i> , 2020 , 150, 634-643	4.1	14
233	Joint action malnutrition in the elderly (MaNuEL) knowledge hub: summary of project findings. <i>European Geriatric Medicine</i> , 2020 , 11, 169-177	3	13

232	Genetic basis of falling risk susceptibility in the UK Biobank Study. <i>Communications Biology</i> , 2020 , 3, 543	6.7	3
231	Beneficial Role of Replacing Dietary Saturated Fatty Acids with Polyunsaturated Fatty Acids in the Prevention of Sarcopenia: Findings from the NU-AGE Cohort. <i>Nutrients</i> , 2020 , 12,	6.7	4
230	Associations between Pro- and Anti-Inflammatory Gastro-Intestinal Microbiota, Diet, and Cognitive Functioning in Dutch Healthy Older Adults: The NU-AGE Study. <i>Nutrients</i> , 2020 , 12,	6.7	14
229	Fighting Sarcopenia in Ageing European Adults: The Importance of the Amount and Source of Dietary Proteins. <i>Nutrients</i> , 2020 , 12,	6.7	8
228	Hip Fracture Patients in Geriatric Rehabilitation Show Poor Nutritional Status, Dietary Intake and Muscle Health. <i>Nutrients</i> , 2020 , 12,	6.7	5
227	Sarcopenia and its relation to protein intake across older ethnic populations in the Netherlands: the HELIUS study. <i>Ethnicity and Health</i> , 2020 , 1-16	2.2	5
226	B-vitamins and body composition: integrating observational and experimental evidence from the B-PROOF study. <i>European Journal of Nutrition</i> , 2020 , 59, 1253-1262	5.2	3
225	Changing from a Western to a Mediterranean-style diet does not affect iron or selenium status: results of the New Dietary Strategies Addressing the Specific Needs of the Elderly Population for Healthy Aging in Europe (NU-AGE) 1-year randomized clinical trial in elderly Europeans. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 93-103	7	7
224	Do Vitamin D Level and Dietary Calcium Intake Modify the Association Between Loop Diuretics and Bone Health?. <i>Calcified Tissue International</i> , 2020 , 106, 104-114	3.9	2
223	Randomized Controlled Trial of Exercise and Nutrition Supplementation on Physical and Cognitive Function in Older Chinese Adults Aged 50 Years and Older. <i>Journal of the American Medical Directors Association</i> , 2020 , 21, 395-403	5.9	4
222	The Elderly-Nutrient Rich Food Score Is Associated With Biochemical Markers of Nutritional Status in European Older Adults. <i>Frontiers in Nutrition</i> , 2019 , 6, 150	6.2	1
221	The Newly Developed Elderly Nutrient-Rich Food Score Is a Useful Tool to Assess Nutrient Density in European Older Adults. <i>Frontiers in Nutrition</i> , 2019 , 6, 119	6.2	5
220	Nandrolone decanoate administration does not attenuate muscle atrophy during a short period of disuse. <i>PLoS ONE</i> , 2019 , 14, e0210823	3.7	4
219	No effect of 25-hydroxyvitamin D supplementation on the skeletal muscle transcriptome in vitamin D deficient frail older adults. <i>BMC Geriatrics</i> , 2019 , 19, 151	4.1	6
218	Leucine coingestion augments the muscle protein synthetic response to the ingestion of 15 g of protein following resistance exercise in older men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E473-E482	6	12
217	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. <i>Nature Communications</i> , 2019 , 10, 2176	17.4	37
216	Calcifediol supplementation to reduce pulse pressure in a limited sample of vitamin D deficient older adults with elevated parathyroid hormone levels. <i>Clinical Nutrition Experimental</i> , 2019 , 24, 77-82	2	
215	Protein supplementation improves lean body mass in physically active older adults: a randomized placebo-controlled trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 298-310	10.3	35

214	Gender-specific association of body composition with inflammatory and adipose-related markers in healthy elderly Europeans from the NU-AGE study. <i>European Radiology</i> , 2019 , 29, 4968-4979	8	24
213	Effectiveness of nutritional interventions in older adults at risk of malnutrition across different health care settings: Pooled analyses of individual participant data from nine randomized controlled trials. <i>Clinical Nutrition</i> , 2019 , 38, 1797-1806	5.9	29
212	A Novel Approach to Improve the Estimation of a Diet Adherence Considering Seasonality and Short Term Variability - The NU-AGE Mediterranean Diet Experience. <i>Frontiers in Physiology</i> , 2019 , 10, 149	4.6	2
211	Vitamin B12 Intake From Animal Foods, Biomarkers, and Health Aspects. <i>Frontiers in Nutrition</i> , 2019 , 6, 93	6.2	45
210	Management of Malnutrition in Older Patients-Current Approaches, Evidence and Open Questions. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	45
209	High Versus low Dietary Protein Intake and Bone Health in Older Adults: a Systematic Review and Meta-Analysis. <i>Computational and Structural Biotechnology Journal</i> , 2019 , 17, 1101-1112	6.8	32
208	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 276-287	7	24
207	Vitamin B in Relation to Oxidative Stress: A Systematic Review. <i>Nutrients</i> , 2019 , 11,	6.7	61
206	40 The Association between Apathy, Decline in Physical Performance, and Falls. <i>Age and Ageing</i> , 2019 , 48, iv9-iv12	3	
205	Meta-analysis of genome-wide association studies of aggressive and chronic periodontitis identifies two novel risk loci. <i>European Journal of Human Genetics</i> , 2019 , 27, 102-113	5.3	36
204	Efficacy of non-pharmacological interventions to treat malnutrition in older persons: A systematic review and meta-analysis. The SENATOR project ONTOP series and MaNuEL knowledge hub project. <i>Ageing Research Reviews</i> , 2019 , 49, 27-48	12	13
203	Mediterranean-Style Diet Improves Systolic Blood Pressure and Arterial Stiffness in Older Adults. <i>Hypertension</i> , 2019 , 73, 578-586	8.5	46
202	Folic Acid and Vitamin B12 Supplementation and the Risk of Cancer: Long-term Follow-up of the B Vitamins for the Prevention of Osteoporotic Fractures (B-PROOF) Trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 275-282	4	31
201	The association between 25-hydroxyvitamin D concentration, physical performance and frailty status in older adults. <i>European Journal of Nutrition</i> , 2019 , 58, 1173-1181	5.2	23
200	Addressing nutritional requirements of ageing consumers in Asia-recommendations from an expert workshop. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2019 , 28, 204-213	1	3
199	The effect of vitamin B12 and folic acid supplementation on routine haematological parameters in older people: an individual participant data meta-analysis. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 785-795	5.2	7
198	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
197	Effects of glucose and sucrose on mood: a systematic review of interventional studies. <i>Nutrition Reviews</i> , 2018 , 76, 108-116	6.4	8

196	Dose-response effects of supplementation with calcifediol on serum 25-hydroxyvitamin D status and its metabolites: A randomized controlled trial in older adults. <i>Clinical Nutrition</i> , 2018 , 37, 808-814	5.9	36
195	Protein-enriched familiar foods and drinks improve protein intake of hospitalized older patients: A randomized controlled trial. <i>Clinical Nutrition</i> , 2018 , 37, 1186-1192	5.9	16
194	Effect of the NU-AGE Diet on Cognitive Functioning in Older Adults: A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2018 , 9, 349	4.6	47
193	Effect, process, and economic evaluation of a combined resistance exercise and diet intervention (ProMuscle in Practice) for community-dwelling older adults: design and methods of a randomised controlled trial. <i>BMC Public Health</i> , 2018 , 18, 877	4.1	6
192	Protein Intake and Distribution in Relation to Physical Functioning and Quality of Life in Community-Dwelling Elderly People: Acknowledging the Role of Physical Activity. <i>Nutrients</i> , 2018 , 10,	6.7	33
191	Leucine Supplementation Does Not Attenuate Skeletal Muscle Loss during Leg Immobilization in Healthy, Young Men. <i>Nutrients</i> , 2018 , 10,	6.7	20
190	A Mediterranean-like dietary pattern with vitamin D3 (10 µg/d) supplements reduced the rate of bone loss in older Europeans with osteoporosis at baseline: results of a 1-y randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 633-640	7	36
189	Cholecalciferol or 25-Hydroxycholecalciferol Supplementation Does Not Affect Muscle Strength and Physical Performance in Prefrail and Frail Older Adults. <i>Journal of Nutrition</i> , 2018 , 148, 712-720	4.1	14
188	Determinants of Behaviour Change in a Multi-Component Telemonitoring Intervention for Community-Dwelling Older Adults. <i>Nutrients</i> , 2018 , 10,	6.7	2
187	Are Nutrition-Related Knowledge and Attitudes Reflected in Lifestyle and Health Among Elderly People? A Study Across Five European Countries. <i>Frontiers in Physiology</i> , 2018 , 9, 994	4.6	30
186	Short Telomere Length Is Related to Limitations in Physical Function in Elderly European Adults. <i>Frontiers in Physiology</i> , 2018 , 9, 1110	4.6	10
185	Systematic Review of Observational Studies with Dose-Response Meta-Analysis between Folate Intake and Status Biomarkers in Adults and the Elderly. <i>Annals of Nutrition and Metabolism</i> , 2018 , 73, 30-43	4.5	3
184	Changes in Dietary Intake and Adherence to the NU-AGE Diet Following a One-Year Dietary Intervention among European Older Adults-Results of the NU-AGE Randomized Trial. <i>Nutrients</i> , 2018 , 10,	6.7	25
183	Biomarkers of Nutrition for Development (BOND): Vitamin B-12 Review. <i>Journal of Nutrition</i> , 2018 , 148, 1995S-2027S	4.1	90
182	A Cross-Sectional Analysis of Body Composition Among Healthy Elderly From the European NU-AGE Study: Sex and Country Specific Features. <i>Frontiers in Physiology</i> , 2018 , 9, 1693	4.6	18
181	Cross-Sectional Analysis of the Correlation Between Daily Nutrient Intake Assessed by 7-Day Food Records and Biomarkers of Dietary Intake Among Participants of the NU-AGE Study. <i>Frontiers in Physiology</i> , 2018 , 9, 1359	4.6	12
180	Genome-wide association meta-analysis of coronary artery disease and periodontitis reveals a novel shared risk locus. <i>Scientific Reports</i> , 2018 , 8, 13678	4.9	17
179	Effects of a multi-component nutritional telemonitoring intervention on nutritional status, diet quality, physical functioning and quality of life of community-dwelling older adults. <i>British Journal of Nutrition</i> , 2018 , 119, 1185-1194	3.6	16

178	Protein intake in hospitalized older people with and without increased risk of malnutrition. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 917-919	5.2	4
177	Translation of a tailored nutrition and resistance exercise intervention for elderly people to a real-life setting: adaptation process and pilot study. <i>BMC Geriatrics</i> , 2017 , 17, 25	4.1	15
176	The Impact of Dietary Protein or Amino Acid Supplementation on Muscle Mass and Strength in Elderly People: Individual Participant Data and Meta-Analysis of RCT's. <i>Journal of Nutrition, Health and Aging</i> , 2017 , 21, 994-1001	5.2	76
175	Whole dairy matrix or single nutrients in assessment of health effects: current evidence and knowledge gaps. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1033-1045	7	182
174	A genome-wide association study identifies nucleotide variants at SIGLEC5 and DEFA1A3 as risk loci for periodontitis. <i>Human Molecular Genetics</i> , 2017 , 26, 2577-2588	5.6	55
173	Self-rated health and all-cause and cause-specific mortality of older adults: Individual data meta-analysis of prospective cohort studies in the CHANCES Consortium. <i>Maturitas</i> , 2017 , 103, 37-44	5	41
172	Beta-blocker use and fall risk in older individuals: Original results from two studies with meta-analysis. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 2292-2302	3.8	18
171	CYP2C9 Genotypes Modify Benzodiazepine-Related Fall Risk: Original Results From Three Studies With Meta-Analysis. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 88.e1-88.e15	5.9	15
170	Creatine Loading Does Not Preserve Muscle Mass or Strength During Leg Immobilization in Healthy, Young Males: A Randomized Controlled Trial. <i>Sports Medicine</i> , 2017 , 47, 1661-1671	10.6	26
169	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2017 , 101, 227-238	11	76
168	A 12-week intervention with protein-enriched foods and drinks improved protein intake but not physical performance of older patients during the first 6 months after hospital release: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2017 , 117, 1541-1549	3.6	21
167	Undernutrition: who cares? Perspectives of dietitians and older adults on undernutrition. <i>BMC Nutrition</i> , 2017 , 3, 24	2.5	15
166	Protein-Enriched Bread and Readymade Meals Increase Community-Dwelling Older Adults' Protein Intake in a Double-Blind Randomized Controlled Trial. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 145-151	5.9	10
165	Seasonal Variation in Vitamin D Status in Elite Athletes: A Longitudinal Study. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017 , 27, 6-10	4.4	14
164	Pre-diagnostic vitamin D concentrations and cancer risks in older individuals: an analysis of cohorts participating in the CHANCES consortium. <i>European Journal of Epidemiology</i> , 2016 , 31, 311-23	12.1	30
163	Conventional foods, followed by dietary supplements and fortified foods, are the key sources of vitamin D, vitamin B6, and selenium intake in Dutch participants of the NU-AGE study. <i>Nutrition Research</i> , 2016 , 36, 1171-1181	4	22
162	Collection and analysis of published scientific information as preparatory work for the setting of Dietary Reference Values for Vitamin D. <i>EFSA Supporting Publications</i> , 2016 , 13,	1.1	8
161	Effect of vitamin B12 and folic acid supplementation on biomarkers of endothelial function and inflammation among elderly individuals with hyperhomocysteinemia. <i>Vascular Medicine</i> , 2016 , 21, 91-8	3.3	22

160	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
159	Relative importance of summer sun exposure, vitamin D intake, and genes to vitamin D status in Dutch older adults: The B-PROOF study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 168-176	5.1	59
158	A Randomized Controlled Trial to Examine the Effect of 2-Year Vitamin B12 and Folic Acid Supplementation on Physical Performance, Strength, and Falling: Additional Findings from the B-PROOF Study. <i>Calcified Tissue International</i> , 2016 , 98, 18-27	3.9	24
157	Folate and Vitamin B-Related Biomarkers in Relation to Brain Volumes. <i>Nutrients</i> , 2016 , 9,	6.7	10
156	Alcoholic Beverage Preference and Dietary Habits in Elderly across Europe: Analyses within the Consortium on Health and Ageing: Network of Cohorts in Europe and the United States (CHANCES) Project. <i>PLoS ONE</i> , 2016 , 11, e0161603	3.7	6
155	Vitamin B12 Requirements in Older Adults 2016 , 599-607		
154	Effects of Two-Year Vitamin B and Folic Acid Supplementation on Depressive Symptoms and Quality of Life in Older Adults with Elevated Homocysteine Concentrations: Additional Results from the B-PROOF Study, an RCT. <i>Nutrients</i> , 2016 , 8,	6.7	34
153	Apolipoprotein E genotype status affects habitual human blood mononuclear cell gene expression and its response to fish oil intervention. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1649-60	5.9	6
152	Effect of meal size reduction and protein enrichment on intake and satiety in vital community-dwelling older adults. <i>Appetite</i> , 2016 , 105, 242-8	4.5	8
151	Nutritional issues for older adults: addressing degenerative ageing with long-term studies. <i>Proceedings of the Nutrition Society</i> , 2016 , 75, 169-73	2.9	12
150	Quantification of the smoking-associated cancer risk with rate advancement periods: meta-analysis of individual participant data from cohorts of the CHANCES consortium. <i>BMC Medicine</i> , 2016 , 14, 62	11.4	69
149	Expression of protocadherin gamma in skeletal muscle tissue is associated with age and muscle weakness. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016 , 7, 604-614	10.3	32
148	Cognitive Performance: A Cross-Sectional Study on Serum Vitamin D and Its Interplay With Glucose Homeostasis in Dutch Older Adults. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 621-7	5.9	17
147	Handgrip strength does not represent an appropriate measure to evaluate changes in muscle strength during an exercise intervention program in frail older people. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2015 , 25, 27-36	4.4	63
146	Effects of glucose load on cognitive functions in elderly people. <i>Nutrition Reviews</i> , 2015 , 73, 92-105	6.4	16
145	Impact of smoking and smoking cessation on cardiovascular events and mortality among older adults: meta-analysis of individual participant data from prospective cohort studies of the CHANCES consortium. <i>BMJ, The</i> , 2015 , 350, h1551	5.9	235
144	Dietary patterns, cognitive decline, and dementia: a systematic review. <i>Advances in Nutrition</i> , 2015 , 6, 154-68	10	214
143	Micronutrient intakes and potential inadequacies of community-dwelling older adults: a systematic review. <i>British Journal of Nutrition</i> , 2015 , 113, 1195-206	3.6	124

142	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , 2015 , 526, 112-7	50.4	308
141	WHO guidelines for a healthy diet and mortality from cardiovascular disease in European and American elderly: the CHANCES project. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 745-56	7	50
140	The effect of exercise training on the course of cardiac troponin T and I levels: three independent training studies. <i>Scientific Reports</i> , 2015 , 5, 18320	4.9	5
139	Recommended intakes of vitamin D to optimise health, associated circulating 25-hydroxyvitamin D concentrations, and dosing regimens to treat deficiency: workshop report and overview of current literature. <i>Journal of Nutritional Science</i> , 2015 , 4, e23	2.7	47
138	BMI and Body Fat Mass Is Inversely Associated with Vitamin D Levels in Older Individuals. <i>Journal of Nutrition, Health and Aging</i> , 2015 , 19, 980-5	5.2	36
137	The effects of long-term daily folic acid and vitamin B12 supplementation on genome-wide DNA methylation in elderly subjects. <i>Clinical Epigenetics</i> , 2015 , 7, 121	7.7	82
136	Dutch nutrition and care professionals' experiences with undernutrition awareness, monitoring, and treatment among community-dwelling older adults: a qualitative study. <i>BMC Nutrition</i> , 2015 , 1,	2.5	15
135	Development of a Food Group-Based Diet Score and Its Association with Bone Mineral Density in the Elderly: The Rotterdam Study. <i>Nutrients</i> , 2015 , 7, 6974-90	6.7	18
134	Dietary Sources of Vitamin B-12 and Their Association with Vitamin B-12 Status Markers in Healthy Older Adults in the B-PROOF Study. <i>Nutrients</i> , 2015 , 7, 7781-97	6.7	28
133	Dietary Protein Intake in Dutch Elderly People: A Focus on Protein Sources. <i>Nutrients</i> , 2015 , 7, 9697-706	6.7	64
132	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
131	Macronutrient Intake and Inadequacies of Community-Dwelling Older Adults, a Systematic Review. <i>Annals of Nutrition and Metabolism</i> , 2015 , 66, 242-255	4.5	30
130	Combating inflammaging through a Mediterranean whole diet approach: the NU-AGE project's conceptual framework and design. <i>Mechanisms of Ageing and Development</i> , 2014 , 136-137, 3-13	5.6	97
129	Changes in weight and health-related quality of life. The Doetinchem Cohort Study. <i>Journal of Epidemiology and Community Health</i> , 2014 , 68, 471-7	5.1	7
128	Adherence to a healthy diet according to the World Health Organization guidelines and all-cause mortality in elderly adults from Europe and the United States. <i>American Journal of Epidemiology</i> , 2014 , 180, 978-88	3.8	80
127	Associations between medication use and homocysteine levels in an older population, and potential mediation by vitamin B12 and folate: data from the B-PROOF Study. <i>Drugs and Aging</i> , 2014 , 31, 611-21	4.7	9
126	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
125	The impact of protein supplementation on cognitive performance in frail elderly. <i>European Journal of Nutrition</i> , 2014 , 53, 803-12	5.2	21

124	Stability of dietary patterns assessed with reduced rank regression; the Zutphen Elderly Study. <i>Nutrition Journal</i> , 2014 , 13, 30	4.3	20
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4	Study of the effect of a liquid nutrition supplement on the nutritional status of psycho-geriatric nursing home patients		1
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