

Lisette de Groot

List of Publications by Citations

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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	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
266	Mediterranean diet, lifestyle factors, and 10-year mortality in elderly European men and women: the HALE project. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 292, 1433-9	27.4	1054
265	Homocysteine levels and the risk of osteoporotic fracture. <i>New England Journal of Medicine</i> , 2004 , 350, 2033-41	59.2	593
264	Protein supplementation augments the adaptive response of skeletal muscle to resistance-type exercise training: a meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 1454-64	7	517
263	Protein supplementation increases muscle mass gain during prolonged resistance-type exercise training in frail elderly people: a randomized, double-blind, placebo-controlled trial. <i>Journal of the American Medical Directors Association</i> , 2012 , 13, 713-9	5.9	363
262	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , 2015 , 526, 112-7	50.4	308
261	Protein supplementation improves physical performance in frail elderly people: a randomized, double-blind, placebo-controlled trial. <i>Journal of the American Medical Directors Association</i> , 2012 , 13, 720-6	5.9	291
260	Vitamin D and mortality: meta-analysis of individual participant data from a large consortium of cohort studies from Europe and the United States. <i>BMJ, The</i> , 2014 , 348, g3656	5.9	265
259	Fish-oil supplementation induces antiinflammatory gene expression profiles in human blood mononuclear cells. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 415-24	7	240
258	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
257	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
256	Dietary patterns, cognitive decline, and dementia: a systematic review. <i>Advances in Nutrition</i> , 2015 , 6, 154-68	10	214
255	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
254	A saturated fatty acid-rich diet induces an obesity-linked proinflammatory gene expression profile in adipose tissue of subjects at risk of metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1656-64	7	206
253	Projected prevalence of inadequate nutrient intakes in Europe. <i>Annals of Nutrition and Metabolism</i> , 2011 , 59, 84-95	4.5	201
252	Dietary protein intake in community-dwelling, frail, and institutionalized elderly people: scope for improvement. <i>European Journal of Nutrition</i> , 2012 , 51, 173-9	5.2	198
251	A reappraisal of the impact of dairy foods and milk fat on cardiovascular disease risk. <i>European Journal of Nutrition</i> , 2009 , 48, 191-203	5.2	185

250	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
249	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
248	Validity of the fatty acid composition of subcutaneous fat tissue microbiopsies as an estimate of the long-term average fatty acid composition of the diet of separate individuals. <i>American Journal of Epidemiology</i> , 1986 , 123, 455-63	3.8	179
247	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
246	IANA task force on nutrition and cognitive decline with aging. <i>Journal of Nutrition, Health and Aging</i> , 2007 , 11, 132-52	5.2	164
245	Homocysteine and vitamin B12 status relate to bone turnover markers, broadband ultrasound attenuation, and fractures in healthy elderly people. <i>Journal of Bone and Mineral Research</i> , 2005 , 20, 921-9	6.3	162
244	Effects of homocysteine lowering with B vitamins on cognitive aging: meta-analysis of 11 trials with cognitive data on 22,000 individuals. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 657-66	7	152
243	Effect of oral vitamin B-12 with or without folic acid on cognitive function in older people with mild vitamin B-12 deficiency: a randomized, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 361-370	7	152
242	Oral cyanocobalamin supplementation in older people with vitamin B12 deficiency: a dose-finding trial. <i>Archives of Internal Medicine</i> , 2005 , 165, 1167-72		138
241	Functional outcomes and participation in young adulthood for very preterm and very low birth weight infants: the Dutch Project on Preterm and Small for Gestational Age Infants at 19 years of age. <i>Pediatrics</i> , 2007 , 120, e587-95	7.4	133
240	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
239	Current micronutrient recommendations in Europe: towards understanding their differences and similarities. <i>European Journal of Nutrition</i> , 2008 , 47 Suppl 1, 17-40	5.2	124
238	Dietary quality, lifestyle factors and healthy ageing in Europe: the SENECA study. <i>Age and Ageing</i> , 2003 , 32, 427-34	3	122
237	Health effect of improved meal ambiance in a Dutch nursing home: a 1-year intervention study. <i>Preventive Medicine</i> , 2001 , 32, 416-23	4.3	107
236	Nutrition in the age-related disablement process. <i>Journal of Nutrition, Health and Aging</i> , 2011 , 15, 599-604	3.2	103
235	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
234	Biomarkers of Nutrition for Development (BOND): Vitamin B-12 Review. <i>Journal of Nutrition</i> , 2018 , 148, 1995S-2027S	4.1	90
233	The association between waist circumference and risk of mortality considering body mass index in 65- to 74-year-olds: a meta-analysis of 29 cohorts involving more than 58 000 elderly persons. <i>International Journal of Epidemiology</i> , 2012 , 41, 805-17	7.8	87

232	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
231	Consumption of diets containing raw soya beans (<i>Glycine max</i>), kidney beans (<i>Phaseolus vulgaris</i>), cowpeas (<i>Vigna unguiculata</i>) or lupin seeds (<i>Lupinus angustifolius</i>) by rats for up to 700 days: effect on body composition and organ weights. <i>British Journal of Nutrition</i> , 1995 , 73, 17-29	3.6	82
230	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
229	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , 2014 , 23, 3054-68	5.6	78
228	Evaluation of dietary quality in relationship to nutritional and lifestyle factors in elderly people of the US Framingham Heart Study and the European SENECA study. <i>European Journal of Clinical Nutrition</i> , 2001 , 55, 870-80	5.2	78
227	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
226	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
225	Nutritional assessment of residents in long-term care facilities (LTCFs): recommendations of the task force on nutrition and ageing of the IAGG European region and the IANA. <i>Journal of Nutrition, Health and Aging</i> , 2009 , 13, 475-83	5.2	75
224	Study of the effect of a liquid nutrition supplement on the nutritional status of psycho-geriatric nursing home patients. <i>European Journal of Clinical Nutrition</i> , 2002 , 56, 245-51	5.2	75
223	Socio-economic determinants of micronutrient intake and status in Europe: a systematic review. <i>Public Health Nutrition</i> , 2014 , 17, 1031-45	3.3	70
222	Rationale and design of the B-PROOF study, a randomized controlled trial on the effect of supplemental intake of vitamin B12 and folic acid on fracture incidence. <i>BMC Geriatrics</i> , 2011 , 11, 80	4.1	70
221	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
220	Dietary Protein Intake in Dutch Elderly People: A Focus on Protein Sources. <i>Nutrients</i> , 2015 , 7, 9697-706	6.7	64
219	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
218	Effect of daily vitamin B-12 and folic acid supplementation on fracture incidence in elderly individuals with an elevated plasma homocysteine concentration: B-PROOF, a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1578-86	7	63
217	Vitamin B in Relation to Oxidative Stress: A Systematic Review. <i>Nutrients</i> , 2019 , 11,	6.7	61
216	Effect of resistance-type exercise training with or without protein supplementation on cognitive functioning in frail and pre-frail elderly: secondary analysis of a randomized, double-blind, placebo-controlled trial. <i>Mechanisms of Ageing and Development</i> , 2014 , 136-137, 85-93	5.6	60
215	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

214	Results of 2-year vitamin B treatment on cognitive performance: secondary data from an RCT. <i>Neurology</i> , 2014 , 83, 2158-66	6.5	59
213	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
212	Consumption of a high monounsaturated fat diet reduces oxidative phosphorylation gene expression in peripheral blood mononuclear cells of abdominally overweight men and women. <i>Journal of Nutrition</i> , 2012 , 142, 1219-25	4.1	54
211	Do positive or negative experiences of social support relate to current and future health? Results from the Doetinchem Cohort Study. <i>BMC Public Health</i> , 2012 , 12, 65	4.1	53
210	Genetic factors as predictors of weight gain in young adult Dutch men and women. <i>International Journal of Obesity</i> , 2002 , 26, 517-28	5.5	53
209	Relation of dietary quality, physical activity, and smoking habits to 10-year changes in health status in older Europeans in the SENECA study. <i>American Journal of Public Health</i> , 2003 , 93, 318-23	5.1	51
208	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
207	The effect of a liquid nutrition supplement on body composition and physical functioning in elderly people. <i>Clinical Nutrition</i> , 2003 , 22, 371-7	5.9	49
206	How we will produce the evidence-based EURRECA toolkit to support nutrition and food policy. <i>European Journal of Nutrition</i> , 2008 , 47 Suppl 1, 2-16	5.2	48
205	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
204	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
203	Intakes of (n-3) fatty acids and fatty fish are not associated with cognitive performance and 6-year cognitive change in men participating in the Veterans Affairs Normative Aging Study. <i>Journal of Nutrition</i> , 2009 , 139, 2329-36	4.1	47
202	Dietary determinants of plasma homocysteine concentrations. <i>Seminars in Vascular Medicine</i> , 2005 , 5, 110-23		47
201	Mediterranean-Style Diet Improves Systolic Blood Pressure and Arterial Stiffness in Older Adults. <i>Hypertension</i> , 2019 , 73, 578-586	8.5	46
200	Vitamin B12 Intake From Animal Foods, Biomarkers, and Health Aspects. <i>Frontiers in Nutrition</i> , 2019 , 6, 93	6.2	45
199	Management of Malnutrition in Older Patients-Current Approaches, Evidence and Open Questions. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	45
198	Nutrient-dense foods and exercise in frail elderly: effects on B vitamins, homocysteine, methylmalonic acid, and neuropsychological functioning. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 338-46	7	45
197	Functional biochemical and nutrient indices in frail elderly people are partly affected by dietary supplements but not by exercise. <i>Journal of Nutrition</i> , 1999 , 129, 2028-36	4.1	45

196	Vitamin B(12) deficiency stimulates osteoclastogenesis via increased homocysteine and methylmalonic acid. <i>Calcified Tissue International</i> , 2009 , 84, 413-22	3.9	44
195	Low bone mineral density and bone mineral content are associated with low cobalamin status in adolescents. <i>European Journal of Nutrition</i> , 2005 , 44, 341-7	5.2	44
194	Energy balances of eight volunteers fed on diets supplemented with either lactitol or saccharose. <i>British Journal of Nutrition</i> , 1986 , 56, 545-54	3.6	43
193	B vitamins and n-3 fatty acids for brain development and function: review of human studies. <i>Annals of Nutrition and Metabolism</i> , 2012 , 60, 272-92	4.5	42
192	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
191	Structural, functional and molecular analysis of the effects of aging in the small intestine and colon of C57BL/6J mice. <i>BMC Medical Genomics</i> , 2012 , 5, 38	3.7	41
190	Malnutrition and mealtime ambiance in nursing homes. <i>Journal of the American Medical Directors Association</i> , 2009 , 10, 226-9	5.9	41
189	Dietary assessment methods for micronutrient intake in elderly people: a systematic review. <i>British Journal of Nutrition</i> , 2009 , 102 Suppl 1, S118-49	3.6	41
188	Literature review on the role of dietary protein and amino acids in cognitive functioning and cognitive decline. <i>Amino Acids</i> , 2013 , 45, 1035-45	3.5	40
187	Associations of 25-hydroxyvitamin D with fasting glucose, fasting insulin, dementia and depression in European elderly: the SENECA study. <i>European Journal of Nutrition</i> , 2013 , 52, 917-25	5.2	38
186	Vitamin B12 intake and status and cognitive function in elderly people. <i>Epidemiologic Reviews</i> , 2013 , 35, 2-21	4.1	38
185	Reprint of: A parallel randomized trial on the effect of a healthful diet on inflammaging and its consequences in European elderly people: design of the NU-AGE dietary intervention study. <i>Mechanisms of Ageing and Development</i> , 2014 , 136-137, 14-21	5.6	38
184	The contribution of dairy products to micronutrient intake in the Netherlands. <i>Journal of the American College of Nutrition</i> , 2011 , 30, 415S-21S	3.5	38
183	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. <i>Nature Communications</i> , 2019 , 10, 2176	17.4	37
182	Undernutrition in the European SENECA studies. <i>Clinics in Geriatric Medicine</i> , 2002 , 18, 699-708, vi	3.8	37
181	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
180	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
179	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

178	Determinants of macronutrient intake in elderly people. <i>European Journal of Clinical Nutrition</i> , 2000 , 54 Suppl 3, S70-6	5.2	36
177	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
176	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
175	Green Care Farms Promote Activity Among Elderly People With Dementia. <i>Journal of Housing for the Elderly</i> , 2009 , 23, 368-389	1.6	35
174	Micronutrient intake and status in Central and Eastern Europe compared with other European countries, results from the EURRECA network. <i>Public Health Nutrition</i> , 2013 , 16, 824-40	3.3	34
173	Overview of methods used to evaluate the adequacy of nutrient intakes for individuals and populations. <i>British Journal of Nutrition</i> , 2009 , 101 Suppl 2, S6-11	3.6	34
172	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
171	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
170	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
169	Associations between changes in anthropometric measures and mortality in old age: a role for mid-upper arm circumference?. <i>Journal of the American Medical Directors Association</i> , 2013 , 14, 187-93	5.9	32
168	Systematic review on daily vitamin B12 losses and bioavailability for deriving recommendations on vitamin B12 intake with the factorial approach. <i>Annals of Nutrition and Metabolism</i> , 2013 , 62, 311-22	4.5	32
167	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
166	Inhibition of methylation decreases osteoblast differentiation via a non-DNA-dependent methylation mechanism. <i>Bone</i> , 2010 , 46, 514-23	4.7	31
165	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
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	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
162	A parallel randomized trial on the effect of a healthful diet on inflammaging and its consequences in European elderly people: design of the NU-AGE dietary intervention study. <i>Mechanisms of Ageing and Development</i> , 2013 , 134, 523-30	5.6	30
161	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

160	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
159	Interactions between plasma concentrations of folate and markers of vitamin B(12) status with cognitive performance in elderly people not exposed to folic acid fortification: the Hordaland Health Study. <i>British Journal of Nutrition</i> , 2014 , 111, 1085-95	3.6	29
158	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
157	EURRECA-Evidence-based methodology for deriving micronutrient recommendations. <i>Critical Reviews in Food Science and Nutrition</i> , 2013 , 53, 999-1040	11.5	28
156	Lifestyle, Mediterranean diet and survival in European post-myocardial infarction patients. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006 , 13, 894-900		28
155	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
154	Systematic review with dose-response meta-analyses between vitamin B-12 intake and European Micronutrient Recommendations Aligned's prioritized biomarkers of vitamin B-12 including randomized controlled trials and observational studies in adults and elderly persons. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 390-402	7	27
153	Effect of a complete nutritional supplement on antibody response to influenza vaccine in elderly people. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2002 , 57, M563-6	6.4	27
152	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
151	Serum 25-hydroxyvitamin D is associated with cognitive executive function in Dutch prefrail and frail elderly: a cross-sectional study exploring the associations of 25-hydroxyvitamin D with glucose metabolism, cognitive performance and depression. <i>Journal of the American Medical Directors Association</i> , 2013 , 14, 852.e9-17	5.9	26
150	The association of betaine, homocysteine and related metabolites with cognitive function in Dutch elderly people. <i>British Journal of Nutrition</i> , 2007 , 98, 960-8	3.6	25
149	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
148	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
147	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
146	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 276-287	7	24
145	Evidence-based dietary guidance and the role of dairy products for appropriate nutrition in the elderly. <i>Journal of the American College of Nutrition</i> , 2011 , 30, 429S-37S	3.5	24
144	Determinants of trends in loneliness among Dutch older people over the period 2005-2010. <i>Journal of Aging and Health</i> , 2014 , 26, 422-40	2.6	23
143	Explaining the variability in recommended intakes of folate, vitamin B12, iron and zinc for adults and elderly people. <i>Public Health Nutrition</i> , 2012 , 15, 906-15	3.3	23

142	Meal patterns in the SENECA study of nutrition and the elderly in Europe: assessment method and preliminary results on the role of the midday meal. <i>Appetite</i> , 1999 , 32, 15-22	4.5	23
141	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
140	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
139	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
138	Effectiveness of nutritional supplements on cognitive functioning in elderly persons: a systematic review. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2004 , 59, 1041-9	6.4	22
137	Living alone does not adversely affect nutrient intake and nutritional status of 70- to 75-year-old men and women in small towns across Europe. <i>International Journal of Food Sciences and Nutrition</i> , 1998 , 49, 131-9	3.7	22
136	The impact of protein supplementation on cognitive performance in frail elderly. <i>European Journal of Nutrition</i> , 2014 , 53, 803-12	5.2	21
135	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
134	EURRECA's approach for estimating micronutrient requirements. <i>International Journal for Vitamin and Nutrition Research</i> , 2011 , 81, 256-63	1.7	21
133	Leucine Supplementation Does Not Attenuate Skeletal Muscle Loss during Leg Immobilization in Healthy, Young Men. <i>Nutrients</i> , 2018 , 10,	6.7	20
132	Stability of dietary patterns assessed with reduced rank regression; the Zutphen Elderly Study. <i>Nutrition Journal</i> , 2014 , 13, 30	4.3	20
131	Development of muscle power in preterm infants: individual trajectories after term age. <i>Neuropediatrics</i> , 1993 , 24, 68-73	1.6	20
130	The impact of long-term body mass index patterns on health-related quality of life: the Doetinchem Cohort Study. <i>American Journal of Epidemiology</i> , 2013 , 178, 804-12	3.8	19
129	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
128	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
127	Homocysteine level is associated with aortic stiffness in elderly: cross-sectional results from the B-PROOF study. <i>Journal of Hypertension</i> , 2013 , 31, 952-9	1.9	18
126	Dairy products as essential contributors of (micro-) nutrients in reference food patterns: an outline for elderly people. <i>Journal of the American College of Nutrition</i> , 2008 , 27, 747S-54S	3.5	18
125	No substantial reduction of the thermic effect of a meal during pregnancy in well-nourished Dutch women. <i>British Journal of Nutrition</i> , 1994 , 71, 335-44	3.6	18

124	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
123	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
122	Evaluation design for a complex intervention program targeting loneliness in non-institutionalized elderly Dutch people. <i>BMC Public Health</i> , 2010 , 10, 552	4.1	17
121	Supplement use and mortality: the SENECA study. <i>European Journal of Nutrition</i> , 2008 , 47, 131-7	5.2	17
120	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
119	Effects of glucose load on cognitive functions in elderly people. <i>Nutrition Reviews</i> , 2015 , 73, 92-105	6.4	16
118	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
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116	Effect of fish oil supplementation on quality of life in a general population of older Dutch subjects: a randomized, double-blind, placebo-controlled trial. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 1481-6	5.6	16
115	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
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105	Reduced physical activity and its association with obesity. <i>Nutrition Reviews</i> , 1995 , 53, 11-3	6.4	14
104	Regulation of appetite in frail persons. <i>Clinics in Geriatric Medicine</i> , 2002 , 18, 675-84	3.8	14
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38	Genetic basis of falling risk susceptibility in the UK Biobank Study. <i>Communications Biology</i> , 2020 , 3, 543	6.7	3
37	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	7.7	3
36	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
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28	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
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26	A systematic review on micronutrient intake adequacy in adult minority populations residing in Europe: the need for action. <i>Journal of Immigrant and Minority Health</i> , 2014 , 16, 941-50	2.2	1
25	Loneliness Literacy Scale: Development and Evaluation of an Early Indicator for Loneliness Prevention. <i>Social Indicators Research</i> , 2014 , 116, 989-1001	2.7	1
24	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
23	Study of the effect of a liquid nutrition supplement on the nutritional status of psycho-geriatric nursing home patients		1
22	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
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17	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

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12	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	2.4	0
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6	Nutrition and Exercise to Maintain Physical Functioning During Ageing. <i>Healthy Ageing and Longevity</i> , 2021 , 275-298	0.5	
5	Pregnancy and Lactation102-118		
4	Epidemiology of Nutrition and Ageing171-183		
3	Vitamin B12 Requirements in Older Adults 2016 , 599-607		
2	40 The Association between Apathy, Decline in Physical Performance, and Falls. <i>Age and Ageing</i> , 2019 , 48, iv9-iv12	3	
1	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	