

# Stefania Bandinelli

## 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.

280 papers	36,106 citations	85 h-index	188 g-index
295 ext. papers	43,712 ext. citations	9.3 avg, IF	6.16 L-index

#	Paper	IF	Citations
280	Trajectories of Frailty With Aging: Coordinated Analysis of Five Longitudinal Studies.. <i>Innovation in Aging</i> , <b>2022</b> , 6, igab059	0.1	0
279	Proteins in the pathway from high red blood cell width distribution to all-cause mortality.. <i>EBioMedicine</i> , <b>2022</b> , 76, 103816	8.8	1
278	Integrative analysis of clinical and epigenetic biomarkers of mortality.. <i>Aging Cell</i> , <b>2022</b> , e13608	9.9	1
277	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,	50.4	24
276	Reply to the Letter: "Low levels of transaminase and mortality risk in older people with special reference to sarcopenia". <i>Aging Clinical and Experimental Research</i> , <b>2021</b> , 34, 217	4.8	2
275	Adherence to the Mediterranean diet assessed by a novel dietary biomarker score and mortality in older adults: the InCHIANTI cohort study. <i>BMC Medicine</i> , <b>2021</b> , 19, 280	11.4	2
274	Independent and interactive associations of dietary nitrate and salt intake with blood pressure and cognitive function: a cross-sectional analysis in the InCHIANTI study. <i>International Journal of Food Sciences and Nutrition</i> , <b>2021</b> , 1-12	3.7	0
273	Differentially expressed genes reflect disease-induced rather than disease-causing changes in the transcriptome. <i>Nature Communications</i> , <b>2021</b> , 12, 5647	17.4	7
272	Predicting physiological aging rates from a range of quantitative traits using machine learning. <i>Aging</i> , <b>2021</b> , 13, 23471-23516	5.6	0
271	Elevated Plasma Growth and Differentiation Factor 15 Predicts Incident Anemia in Older Adults Aged 60 Years and Older. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 1192-1197	6.4	3
270	Association Between the Multidimensional Prognostic Index and Mortality During 15 Years of Follow-up in the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 1678-1685	6.4	6
269	Defining Resilience in Older People: Does a Subjective Definition of Stressor Work?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 1480-1485	6.4	0
268	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , <b>2021</b> , 22, 194	18.3	14
267	Characterization of the plasma proteomic profile of frailty phenotype. <i>GeroScience</i> , <b>2021</b> , 43, 1029-1037	8.9	10
266	Total urinary polyphenols and longitudinal changes of bone properties. The InCHIANTI study. <i>Osteoporosis International</i> , <b>2021</b> , 32, 353-362	5.3	0
265	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , <b>2021</b> , 12, 654	17.4	10
264	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , <b>2021</b> , 12, 24	17.4	30

263	Higher sRAGE Levels Predict Mortality in Frail Older Adults with Cardiovascular Disease. <i>Gerontology</i> , <b>2021</b> , 67, 202-210	5.5	1
262	Genome-wide association study identifies novel susceptibility loci for KIT D816V positive mastocytosis. <i>American Journal of Human Genetics</i> , <b>2021</b> , 108, 284-294	11	6
261	A robust machine learning framework to identify signatures for frailty: a nested case-control study in four aging European cohorts. <i>GeroScience</i> , <b>2021</b> , 43, 1317-1329	8.9	9
260	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , <b>2021</b> , 596, 393-397	10.4	28
259	Combined evaluation of aminotransferases improves risk stratification for overall and cause-specific mortality in older patients. <i>Aging Clinical and Experimental Research</i> , <b>2021</b> , 1	4.8	3
258	Age-associated difference in circulating ACE2, the gateway for SARS-COV-2, in humans: results from the InCHIANTI study. <i>GeroScience</i> , <b>2021</b> , 43, 619-627	8.9	7
257	Systolic inter-arm blood pressure difference and risk of cognitive decline in older people: a cohort study. <i>British Journal of General Practice</i> , <b>2020</b> , 70, e472-e480	1.6	6
256	Plasma proteomic signatures predict dementia and cognitive impairment. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2020</b> , 6, e12018	6	6
255	Plasma proteomic signature of the risk of developing mobility disability: A 9-year follow-up. <i>Aging Cell</i> , <b>2020</b> , 19, e13132	9.9	17
254	Mitochondrial genetic variation is enriched in G-quadruplex regions that stall DNA synthesis in vitro. <i>Human Molecular Genetics</i> , <b>2020</b> , 29, 1292-1309	5.6	16
253	Impact of Low Muscle Mass and Low Muscle Strength According to EWGSOP2 and EWGSOP1 in Community-Dwelling Older People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 1324-1330	6.4	15
252	Physical Activity as Moderator of the Association Between APOE and Cognitive Decline in Older Adults: Results from Three Longitudinal Cohort Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 1880-1886	6.4	12
251	Association of Dual Decline in Memory and Gait Speed With Risk for Dementia Among Adults Older Than 60 Years: A Multicohort Individual-Level Meta-analysis. <i>JAMA Network Open</i> , <b>2020</b> , 3, e1921636	10.4	18
250	A rule-based framework for risk assessment in the health domain. <i>International Journal of Approximate Reasoning</i> , <b>2020</b> , 119, 242-259	3.6	2
249	Operationalization of a frailty index among older adults in the InCHIANTI study: predictive ability for all-cause and cardiovascular disease mortality. <i>Aging Clinical and Experimental Research</i> , <b>2020</b> , 32, 1025-1034	4.8	7
248	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. <i>Aging</i> , <b>2020</b> , 12, 14092-14124	5.6	6
247	Plasma proteomic biomarker signature of age predicts health and life span. <i>ELife</i> , <b>2020</b> , 9,	8.9	18
246	circRNAs expressed in human peripheral blood are associated with human aging phenotypes, cellular senescence and mouse lifespan. <i>GeroScience</i> , <b>2020</b> , 42, 183-199	8.9	23

245	Habitual Nut Exposure, Assessed by Dietary and Multiple Urinary Metabolomic Markers, and Cognitive Decline in Older Adults: The InCHIANTI Study. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e1900532	5.9	14
244	Shared mechanisms for cognitive impairment and physical frailty: A model for complex systems. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2020</b> , 6, e12027	6	8
243	Anticholinergic Drug Induced Cognitive and Physical Impairment: Results from the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 995-1002	6.4	14
242	Association between PUFA intake and serum concentration and mortality in older adults: A cohort study. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 510-515	5.9	6
241	Association of dietary patterns with depressive symptoms: a harmonised meta-analysis of observational studies. <i>Psychological Medicine</i> , <b>2020</b> , 50, 1872-1883	6.9	24
240	Interaction Between Vitamin D and Interleukin 6 on Slow Gait Speed: 6-Year Follow-up Data of Older Adults From InCHIANTI. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 1161-1166	6.4	6
239	Astrocyte senescence may drive alterations in GFAP, CDKN2A p14, and TAU3 transcript expression and contribute to cognitive decline. <i>GeroScience</i> , <b>2019</b> , 41, 561-573	8.9	28
238	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 437-450	7	22
237	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , <b>2019</b> , 10, 2581	17.4	31
236	An Exploratory Factor Analysis of Sensor-Based Physical Capability Assessment. <i>Sensors</i> , <b>2019</b> , 19,	3.8	4
235	Protocol for the PreventIT feasibility randomised controlled trial of a lifestyle-integrated exercise intervention in young older adults. <i>BMJ Open</i> , <b>2019</b> , 9, e023526	3	19
234	The Association of Olfactory Dysfunction, Frailty, and Mortality Is Mediated by Inflammation: Results from the InCHIANTI Study. <i>Journal of Immunology Research</i> , <b>2019</b> , 2019, 3128231	4.5	23
233	Association between non-invasive liver fibrosis scores and occurrence of health adverse outcomes in older people. <i>Digestive and Liver Disease</i> , <b>2019</b> , 51, 1330-1336	3.3	9
232	Cardiovascular Health Is Associated With Disability Among Older Community Dwelling Men and Women. <i>Journal of Aging and Health</i> , <b>2019</b> , 31, 1339-1352	2.6	2
231	Physical performance across the thyroid function values within the normal range in adult and older persons. <i>Aging Clinical and Experimental Research</i> , <b>2019</b> , 31, 385-391	4.8	3
230	Natural Course of Frailty Components in People Who Develop Frailty Syndrome: Evidence From Two Cohort Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 667-674	6.4	31
229	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1920-1932	15.1	30
228	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , <b>2019</b> , 140, 645-657	16.7	65

227	Uric acid within the "normal" range predict 9-year cardiovascular mortality in older individuals. The InCHIANTI study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2019</b> , 29, 1061-1067	4.5	10
226	Associations of fat-soluble micronutrients and redox biomarkers with frailty status in the FRAILOMIC initiative. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2019</b> , 10, 1339-1346	10.3	12
225	The transcript expression levels of HNRNPM, HNRNPA0 and AKAP17A splicing factors may be predictively associated with ageing phenotypes in human peripheral blood. <i>Biogerontology</i> , <b>2019</b> , 20, 649-663	4.5	9
224	Development of a clinical prediction model for the onset of functional decline in people aged 65-75 years: pooled analysis of four European cohort studies. <i>BMC Geriatrics</i> , <b>2019</b> , 19, 179	4.1	9
223	Predictive Capacity of Frailty Phenotype Toward Patterns of Disability Identified Using Latent Class Analysis. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 1026-1031	5.9	5
222	Bidirectional associations between food groups and depressive symptoms: longitudinal findings from the Invecchiare in Chianti (InCHIANTI) study. <i>British Journal of Nutrition</i> , <b>2019</b> , 121, 439-450	3.6	20
221	Simulating the effects of a clinical guidelines screening algorithm for fall risk in community dwelling older adults. <i>Aging Clinical and Experimental Research</i> , <b>2019</b> , 31, 1069-1076	4.8	11
220	Risk Prediction Model for Late Life Depression: Development and Validation on Three Large European Datasets. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2019</b> , 23, 2196-2204	7.2	9
219	Plasma Klotho and Frailty in Older Adults: Findings From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 1052-1057	6.4	18
218	Patterns of circulating fat-soluble vitamins and carotenoids and risk of frailty in four European cohorts of older adults. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 379-389	5.2	16
217	Tracking the Epigenetic Clock Across the Human Life Course: A Meta-analysis of Longitudinal Cohort Data. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 57-61	6.4	45
216	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor $\alpha$ . <i>JAMA Cardiology</i> , <b>2018</b> , 3, 463-472	16.2	17
215	Predicting survival of older community-dwelling individuals according to five estimated glomerular filtration rate equations: The InChianti study. <i>Geriatrics and Gerontology International</i> , <b>2018</b> , 18, 607-614	2.9	10
214	Inflammation and Trajectory of Renal Function in Community-Dwelling Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2018</b> , 66, 804-811	5.6	18
213	Clusters of functional domains to identify older persons at risk of disability. <i>Geriatrics and Gerontology International</i> , <b>2018</b> , 18, 685-691	2.9	5
212	Predicting Trajectories of Functional Decline in 60- to 70-Year-Old People. <i>Gerontology</i> , <b>2018</b> , 64, 212-224	4.5	30
211	The isoform is dysregulated in senescent endothelial cells and may be associated with prevalent and incident coronary heart disease. <i>Clinical Science</i> , <b>2018</b> , 132, 313-325	6.5	17
210	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 2133-2144	15.1	46

209	Three-Year Changes in Physical Activity and Subsequent Loss of Ability to Walk 400 m in Older Adults: The InCHIANTI Study. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 97, 212-215 <sup>2.6</sup>	4
208	Natural turn measures predict recurrent falls in community-dwelling older adults: a longitudinal cohort study. <i>Scientific Reports</i> , <b>2018</b> , 8, 4316	4.9 32
207	A DNA methylation biomarker of alcohol consumption. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 422-433	15.1 164
206	Physical Activity Attenuates Total and Cardiovascular Mortality Associated With Physical Disability: A National Cohort of Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 240-247	6.4 10
205	Low Alanine Aminotransferase Levels in the Elderly Population: Frailty, Disability, Sarcopenia, and Reduced Survival. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 925-930	6.4 32
204	Association Between Sodium Excretion and Cardiovascular Disease and Mortality in the Elderly: A Cohort Study. <i>Journal of the American Medical Directors Association</i> , <b>2018</b> , 19, 229-234	5.9 20
203	Influence of cell distribution and diabetes status on the association between mitochondrial DNA copy number and aging phenotypes in the InCHIANTI study. <i>Aging Cell</i> , <b>2018</b> , 17, e12683	9.9 21
202	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700347	5.9 5
201	Inflammatory dietary patterns and depressive symptoms in Italian older adults. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 67, 290-298	16.6 22
200	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , <b>2018</b> , 9, 2904	17.4 39
199	An epigenetic biomarker of aging for lifespan and healthspan. <i>Aging</i> , <b>2018</b> , 10, 573-591	5.6 658
198	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. <i>Clinical Epigenetics</i> , <b>2018</b> , 10, 161	7.7 14
197	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , <b>2018</b> , 103, 691-706	11 151
196	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 192-201	15.1 31
195	Overall Cardiovascular Health Is Associated With All-Cause and Cardiovascular Disease Mortality Among Older Community-Dwelling Men and Women. <i>Journal of Aging and Health</i> , <b>2017</b> , 29, 437-453	2.6 10
194	Physical Activity and the Effect of Multimorbidity on All-Cause Mortality in Older Adults. <i>Mayo Clinic Proceedings</i> , <b>2017</b> , 92, 376-382	6.4 23
193	Three-Year Changes in Physical Activity and Decline in Physical Performance Over 9 Years of Follow-Up in Older Adults: The Invecchiare in Chianti Study. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 1176-1182	5.6 19
192	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , <b>2017</b> , 49, 834-841	36.3 257



191	Oxidized LDL, Gamma-Glutamyltransferase and Adverse Outcomes in Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, e77-e82	5.6	1
190	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , <b>2017</b> , 8, 14977	17.4	105
189	and Loci Associate with Plasma Osmolality. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 2311-2321	12.7	14
188	Dynapenic Abdominal Obesity as a Predictor of Worsening Disability, Hospitalization, and Mortality in Older Adults: Results From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1098-1104	6.4	42
187	Discovery and fine-mapping of loci associated with MUFAs through trans-ethnic meta-analysis in Chinese and European populations. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 974-981	6.3	12
186	Combining Gait Speed and Recall Memory to Predict Survival in Late Life: Population-Based Study. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 614-618	5.6	8
185	Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186456	3.7	15
184	Epigenetic clock analysis of diet, exercise, education, and lifestyle factors. <i>Aging</i> , <b>2017</b> , 9, 419-446	5.6	317
183	Genome-wide Association Study of Parental Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1407-1410	6.4	5
182	Cardiovascular Health Is Associated With Physical Function Among Older Community Dwelling Men and Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1710-1718	6.4	17
181	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006528	6	103
180	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0167742	3.7	21
179	Combining LDL-C and HDL-C to predict survival in late life: The InChianti study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185307	3.7	7
178	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , <b>2017</b> , 9, 209-246	5.6	16
177	Agreement between Chronic Kidney Disease Epidemiological Collaboration and Berlin Initiative Study equations for estimating glomerular filtration rate in older people: The Invecchiare in Chianti (Aging in Chianti Region) study. <i>Geriatrics and Gerontology International</i> , <b>2017</b> , 17, 1559-1567	2.9	9
176	The Predictive Value of the EWGSOP Definition of Sarcopenia: Results From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 259-64	6.4	123
175	Are Performance Measures Necessary to Predict Loss of Independence in Elderly People?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 84-9	6.4	22
174	Association of Physical Activity History With Physical Function and Mortality in Old Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 496-501	6.4	53

173	GWAS for executive function and processing speed suggests involvement of the CADM2 gene. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 189-197	15.1	85
172	A whole-blood transcriptome meta-analysis identifies gene expression signatures of cigarette smoking. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 4611-4623	5.6	58
171	Self-Reported Masticatory Dysfunction and Mortality in Community Dwelling Elderly Adults: A 9-Year Follow-Up. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, 2503-2510	5.6	6
170	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. <i>Diabetes</i> , <b>2016</b> , 65, 3794-3804	0.9	18
169	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 436-447		442
168	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 1435-1448	15.1	76
167	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , <b>2016</b> , 48, 1171-1184	36.3	251
166	Menopause accelerates biological aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 9327-32	11.5	248
165	Attenuation of the Effect of Multimorbidity on Cardiovascular Mortality by Physical Activity in Older Adults. <i>Journal of the American Medical Association</i> , <b>2016</b> , 17, 1161-1162	5.9	2
164	Bone Mineral Density and Cognitive Decline in Elderly Women: Results from the InCHIANTI Study. <i>Calcified Tissue International</i> , <b>2016</b> , 98, 479-88	3.9	15
163	Postal screening can identify frailty and predict poor outcomes in older adults: longitudinal data from INTER-FRAIL study. <i>Age and Ageing</i> , <b>2016</b> , 45, 469-74	3	7
162	Interaction of methylation-related genetic variants with circulating fatty acids on plasma lipids: a meta-analysis of 7 studies and methylation analysis of 3 studies in the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 567-78	7	21
161	Plasma Klotho and Cognitive Decline in Older Adults: Findings From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 677-82	6.4	45
160	Change in Epigenome-Wide DNA Methylation Over 9 Years and Subsequent Mortality: Results From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 1029-35	6.4	28
159	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 358-70	5.6	54
158	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , <b>2016</b> , 8, 1844-1865	5.6	531
157	Relationship Between Circulating Thyroid-Stimulating Hormone, Free Thyroxine, and Free Triiodothyronine Concentrations and 9-Year Mortality in Euthyroid Elderly Adults. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, 553-60	5.6	24
156	The association between dietary patterns derived by reduced rank regression and depressive symptoms over time: the Invecchiare in Chianti (InCHIANTI) study. <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 2145-53	3.6	43



155	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , <b>2016</b> , 17, 255	18.3	171
154	Consumption of fruit and vegetables and risk of frailty: a dose-response analysis of 3 prospective cohorts of community-dwelling older adults. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 104, 132-42	7	67
153	Association between Both Total Baseline Urinary and Dietary Polyphenols and Substantial Physical Performance Decline Risk in Older Adults: A 9-year Follow-up of the InCHIANTI Study. <i>Journal of Nutrition, Health and Aging</i> , <b>2016</b> , 20, 478-85	5.2	17
152	Gene transcripts associated with muscle strength: a CHARGE meta-analysis of 7,781 persons. <i>Physiological Genomics</i> , <b>2016</b> , 48, 1-11	3.6	8
151	Predictive Performance of a Fall Risk Assessment Tool for Community-Dwelling Older People (FRAT-up) in 4 European Cohorts. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 1106-1113	5.9	22
150	Genomewide meta-analysis identifies loci associated with IGF-I and IGFBP-3 levels with impact on age-related traits. <i>Aging Cell</i> , <b>2016</b> , 15, 811-24	9.9	71
149	Serum 25-Hydroxyvitamin D, Plasma Klotho, and Lower-Extremity Physical Performance Among Older Adults: Findings From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1156-62	6.4	21
148	Gene-Environment Interactions of Circadian-Related Genes for Cardiometabolic Traits. <i>Diabetes Care</i> , <b>2015</b> , 38, 1456-66	14.6	36
147	A meta-analysis of gene expression signatures of blood pressure and hypertension. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005035	6	83
146	The Relationship Between Urinary Total Polyphenols and the Frailty Phenotype in a Community-Dwelling Older Population: The InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1141-7	6.4	22
145	Physiological factors contributing to mobility loss over 9 years of follow-up: Results from the InCHIANTI study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 591-7	6.4	18
144	GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 110-8	6.4	188
143	Aging and the burden of multimorbidity: associations with inflammatory and anabolic hormonal biomarkers. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 63-70	6.4	115
142	Whole-genome sequencing to understand the genetic architecture of common gene expression and biomarker phenotypes. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 1504-12	5.6	7
141	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , <b>2015</b> , 6, 8570	17.4	335
140	Association of habitual dietary resveratrol exposure with the development of frailty in older age: the Invecchiare in Chianti study. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 1534-42	7	32
139	Low Levels of a Urinary Biomarker of Dietary Polyphenol Are Associated with Substantial Cognitive Decline over a 3-Year Period in Older Adults: The Invecchiare in Chianti Study. <i>Journal of the American Geriatrics Society</i> , <b>2015</b> , 63, 938-46	5.6	45
138	Genetic variation at MECOM, TERT, JAK2 and HBS1L-MYB predisposes to myeloproliferative neoplasms. <i>Nature Communications</i> , <b>2015</b> , 6, 6691	17.4	120

137	Habitual sleep duration is associated with BMI and macronutrient intake and may be modified by CLOCK genetic variants. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 101, 135-43	7	75
136	Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 1232-9	15.1	76
135	Sarcopenia-related parameters and incident disability in older persons: results from the "invecchiare in Chianti" study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 457-63	6.4	47
134	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 647-656	15.1	167
133	Loss of Weight in Obese Older Adults: A Biomarker of Impending Expansion of Multimorbidity?. <i>Journal of the American Geriatrics Society</i> , <b>2015</b> , 63, 1791-7	5.6	11
132	Relationship between Carotenoids, Retinol, and Estradiol Levels in Older Women. <i>Nutrients</i> , <b>2015</b> , 7, 6506-19	6.7	11
131	Fall Risk Assessment Tools for Elderly Living in the Community: Can We Do Better?. <i>PLoS ONE</i> , <b>2015</b> , 10, e0146247	3.7	45
130	INSULIN-LIKE GROWTH FACTOR-1 AND ANEMIA IN OLDER SUBJECTS: THE INCHIANTI STUDY. <i>Endocrine Practice</i> , <b>2015</b> , 21, 1211-8	3.2	9
129	The association between lower educational attainment and depression owing to shared genetic effects? Results in ~25,000 subjects. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 735-43	15.1	39
128	Associations of Heart Rate With Inflammatory Markers Are Modulated by Gender and Obesity in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 899-904	6.4	8
127	Gene $\times$ Dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4728-38	5.6	68
126	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
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124	Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Meta-analysis of nine studies in the CHARGE consortium. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1373-83	5.9	32
123	FRAT-up, a Web-based fall-risk assessment tool for elderly people living in the community. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e41	7.6	30
122	Non-intrusive Patient Monitoring for Supporting General Practitioners in Following Diseases Evolution. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 491-501	0.9	6
121	Resveratrol levels and all-cause mortality in older community-dwelling adults. <i>JAMA Internal Medicine</i> , <b>2014</b> , 174, 1077-84	11.5	110
120	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. <i>American Journal of Human Genetics</i> , <b>2014</b> , 95, 49-65	11	52

119	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , <b>2014</b> , 514, 92-97	50.4	401
118	Relationship between vitamin D and inflammatory markers in older individuals. <i>Age</i> , <b>2014</b> , 36, 9694		57
117	Screening for frailty in older adults using a postal questionnaire: rationale, methods, and instruments validation of the INTER-FRIL study. <i>Journal of the American Geriatrics Society</i> , <b>2014</b> , 62, 1933-7	5.6	24
116	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , <b>2014</b> , 46, 1173-86	36.3	1339
115	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , <b>2014</b> , 2, 719-29	18.1	250
114	Another explanation for apparent epistasis. <i>Nature</i> , <b>2014</b> , 514, E3-5	50.4	82
113	Trans-ethnic meta-analysis of white blood cell phenotypes. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6944-605.6		45
112	Insulin resistance and systemic inflammation, but not metabolic syndrome phenotype, predict 9 years mortality in older adults. <i>Atherosclerosis</i> , <b>2014</b> , 235, 538-45	3.1	21
111	No evidence for genome-wide interactions on plasma fibrinogen by smoking, alcohol consumption and body mass index: results from meta-analyses of 80,607 subjects. <i>PLoS ONE</i> , <b>2014</b> , 9, e111156	3.7	5
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109	Prevalence and clinical correlates of sarcopenia in community-dwelling older people: application of the EWGSOP definition and diagnostic algorithm. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 438-46	6.4	165
108	PRKCZ methylation is associated with sunlight exposure in a North American but not a Mediterranean population. <i>Chronobiology International</i> , <b>2014</b> , 31, 1034-40	3.6	10
107	The prognostic value of repeated measures of lower extremity performance: should we measure more than once?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 894-9	6.4	20
106	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , <b>2013</b> , 45, 1274-1283	36.3	1904
105	Meta-analysis investigating associations between healthy diet and fasting glucose and insulin levels and modification by loci associated with glucose homeostasis in data from 15 cohorts. <i>American Journal of Epidemiology</i> , <b>2013</b> , 177, 103-15	3.8	63
104	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , <b>2013</b> , 45, 145-54	36.3	505
103	A genome-wide association study of depressive symptoms. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 667-78	7.9	135
102	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , <b>2013</b> , 45, 621-31	36.3	219

101	GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. <i>Science</i> , <b>2013</b> , 340, 1467-71	33.3	563
100	Relationship between bone cross-sectional area and indices of peripheral artery disease. <i>Calcified Tissue International</i> , <b>2013</b> , 93, 508-16	3.9	5
99	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 1395-402	7	161
98	Meta-analysis of genome-wide association studies identifies six new Loci for serum calcium concentrations. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003796	6	100
97	High concentrations of a urinary biomarker of polyphenol intake are associated with decreased mortality in older adults. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 1445-50	4.1	61
96	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , <b>2013</b> , 128, 1310-24	16.7	107
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90	Relationship of low plasma klotho with poor grip strength in older community-dwelling adults: the InCHIANTI study. <i>European Journal of Applied Physiology</i> , <b>2012</b> , 112, 1215-20	3.4	54
89	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , <b>2012</b> , 492, 369-75	50.4	257
88	Role of muscle mass and muscle quality in the association between diabetes and gait speed. <i>Diabetes Care</i> , <b>2012</b> , 35, 1672-9	14.6	169
87	CCAAT-enhancer-binding protein-beta expression in vivo is associated with muscle strength. <i>Aging Cell</i> , <b>2012</b> , 11, 262-8	9.9	19
86	Advancing age is associated with gene expression changes resembling mTOR inhibition: evidence from two human populations. <i>Mechanisms of Ageing and Development</i> , <b>2012</b> , 133, 556-62	5.6	46
85	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , <b>2012</b> , 44, 260-8	36.3	243
84	Discovery and fine mapping of serum protein loci through transethnic meta-analysis. <i>American Journal of Human Genetics</i> , <b>2012</b> , 91, 744-53	11	58

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71	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. <i>Circulation</i> , <b>2011</b> , 123, 731-8	16.7	395
70	Allelic heterogeneity and more detailed analyses of known loci explain additional phenotypic variation and reveal complex patterns of association. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 4082-92	5.6	51
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38	Activity restriction induced by fear of falling and objective and subjective measures of physical function: a prospective cohort study. <i>Journal of the American Geriatrics Society</i> , <b>2008</b> , 56, 615-20	5.6	224
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9	Hemoglobin levels and skeletal muscle: results from the InCHIANTI study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2004</b> , 59, 249-54	6.4	130
8	Chronic inflammation and the effect of IGF-I on muscle strength and power in older persons. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 284, E481-7	6	219
7	Age-associated changes in skeletal muscles and their effect on mobility: an operational diagnosis of sarcopenia. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 1851-60	3.7	1228
6	Subsystems contributing to the decline in ability to walk: bridging the gap between epidemiology and geriatric practice in the InCHIANTI study. <i>Journal of the American Geriatrics Society</i> , <b>2000</b> , 48, 1618-25	5.6	602
5	Discovering patterns of pleiotropy in genome-wide association studies		1
4	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
3	An epigenetic biomarker of aging for lifespan and healthspan		2
2	Genomic analyses for age at menarche identify 389 independent signals and indicate BMI-independent effects of puberty timing on cancer susceptibility		1
1	A computational solution for bolstering reliability of epigenetic clocks: Implications for clinical trials and longitudinal tracking		4