

P Eline Slagboom

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3772268/publications.pdf>

Version: 2024-02-01

627
papers

67,118
citations

906

116
h-index

1316

224
g-index

663
all docs

663
docs citations

663
times ranked

68190
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing of objectively-collected physical activity in relation to body weight and metabolic health in sedentary older people: a cross-sectional and prospective analysis. <i>International Journal of Obesity</i> , 2022, 46, 515-522.	3.4	12
2	Association between fat-soluble vitamins and self-reported health status: a cross-sectional analysis of the MARK-AGE cohort. <i>British Journal of Nutrition</i> , 2022, 128, 433-443.	2.3	0
3	Fat metabolism is associated with telomere length in six population-based studies. <i>Human Molecular Genetics</i> , 2022, 31, 1159-1170.	2.9	7
4	1H-NMR metabolomics-based surrogates to impute common clinical risk factors and endpoints. <i>EBioMedicine</i> , 2022, 75, 103764.	6.1	15
5	A recurrent neural network architecture to model physical activity energy expenditure in older people. <i>Data Mining and Knowledge Discovery</i> , 2022, 36, 477-512.	3.7	5
6	Functional genomics analysis identifies T and NK cell activation as a driver of epigenetic clock progression. <i>Genome Biology</i> , 2022, 23, 24.	8.8	30
7	Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology. <i>Nature Communications</i> , 2022, 13, 634.	12.8	21
8	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS. <i>Science Translational Medicine</i> , 2022, 14, eabj0264.	12.4	38
9	DNA methylation in peripheral tissues and left-handedness. <i>Scientific Reports</i> , 2022, 12, 5606.	3.3	12
10	Using multivariable Mendelian randomization to estimate the causal effect of bone mineral density on osteoarthritis risk, independently of body mass index. <i>International Journal of Epidemiology</i> , 2022, 51, 1254-1267.	1.9	20
11	MiMIR: R-shiny application to infer risk factors and endpoints from Nightingale Health's 1H-NMR metabolomics data. <i>Bioinformatics</i> , 2022, 38, 3847-3849.	4.1	7
12	Dynamic clonal hematopoiesis and functional T-cell immunity in a supercentenarian. <i>Leukemia</i> , 2021, 35, 2125-2129.	7.2	9
13	Shared genetic risk between eating disorder and substance use related phenotypes: Evidence from genome-wide association studies. <i>Addiction Biology</i> , 2021, 26, e12880.	2.6	28
14	Families in comparison: An individual-level comparison of life-course and family reconstructions between population and vital event registers. <i>Population Studies</i> , 2021, 75, 91-110.	2.1	12
15	Associations of Cytomegalovirus Infection With All-Cause and Cardiovascular Mortality in Multiple Observational Cohort Studies of Older Adults. <i>Journal of Infectious Diseases</i> , 2021, 223, 238-246.	4.0	30
16	DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. <i>Molecular Psychiatry</i> , 2021, 26, 2148-2162.	7.9	21
17	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021, 30, 393-409.	2.9	32
18	Correction for both common and rare cell types in blood is important to identify genes that correlate with age. <i>BMC Genomics</i> , 2021, 22, 184.	2.8	5

#	ARTICLE	IF	CITATIONS
19	Self-rated health in individuals with and without disease is associated with multiple biomarkers representing multiple biological domains. <i>Scientific Reports</i> , 2021, 11, 6139.	3.3	48
20	Investigating the relationships between unfavourable habitual sleep and metabolomic traits: evidence from multi-cohort multivariable regression and Mendelian randomization analyses. <i>BMC Medicine</i> , 2021, 19, 69.	5.5	14
21	Ageing affects subtelomeric DNA methylation in blood cells from a large European population enrolled in the MARK-AGE study. <i>GeroScience</i> , 2021, 43, 1283-1302.	4.6	4
22	Metabolic biomarker profiling for identification of susceptibility to severe pneumonia and COVID-19 in the general population. <i>ELife</i> , 2021, 10, .	6.0	112
23	Age, Sex, and BMI Influence on Copper, Zinc, and Their Major Serum Carrier Proteins in a Large European Population Including Nonagenarian Offspring From MARK-AGE Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2097-2106.	3.6	12
24	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
25	Differential insulin sensitivity of NMR-based metabolomic measures in a two-step hyperinsulinemic euglycemic clamp study. <i>Metabolomics</i> , 2021, 17, 57.	3.0	0
26	Microbiome in Blood Samples From the General Population Recruited in the MARK-AGE Project: A Pilot Study. <i>Frontiers in Microbiology</i> , 2021, 12, 707515.	3.5	27
27	Association of Thyroid Dysfunction With Cognitive Function. <i>JAMA Internal Medicine</i> , 2021, 181, 1440.	5.1	51
28	Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , 2021, 12, 5618.	12.8	26
29	Functional Changes of T-Cell Subsets with Age and CMV Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9973.	4.1	20
30	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	21.4	218
31	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021, 184, 4784-4818.e17.	28.9	188
32	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	21.4	590
33	Improved selection of participants in genetic longevity studies: family scores revisited. <i>BMC Medical Research Methodology</i> , 2021, 21, 7.	3.1	1
34	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021, 13, 198.	4.1	7
35	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. <i>BMC Medicine</i> , 2021, 19, 266.	5.5	11
36	Basal cell carcinoma genetic susceptibility increases the rate of skin ageing: a Mendelian randomization study. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 97-100.	2.4	8

#	ARTICLE	IF	CITATIONS
37	Metabolomics Profile in Depression: A Pooled Analysis of 230 Metabolic Markers in 5283 Cases With Depression and 10,145 Controls. <i>Biological Psychiatry</i> , 2020, 87, 409-418.	1.3	129
38	Heritability estimates for 361 blood metabolites across 40 genome-wide association studies. <i>Nature Communications</i> , 2020, 11, 39.	12.8	64
39	Prevalence and Loads of Torquetenovirus in the European MARK-AGE Study Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1838-1845.	3.6	13
40	Interrelationships Between Pituitary Hormones as Assessed From 24-hour Serum Concentrations in Healthy Older Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1201-e1214.	3.6	7
41	Serum fatty acid chain length associates with prevalent symptomatic end-stage osteoarthritis, independent of BMI. <i>Scientific Reports</i> , 2020, 10, 15459.	3.3	7
42	Genetics and Not Shared Environment Explains Familial Resemblance in Adult Metabolomics Data. <i>Twin Research and Human Genetics</i> , 2020, 23, 145-155.	0.6	6
43	Activity recognition using wearable sensors for tracking the elderly. <i>User Modeling and User-Adapted Interaction</i> , 2020, 30, 567-605.	3.8	30
44	Broad phenotype of cysteine-altering <i>NOTCH3</i> variants in UK Biobank. <i>Neurology</i> , 2020, 95, e1835-e1843.	1.1	49
45	Intergenerational transmission of longevity is not affected by other familial factors: evidence from 16,905 Dutch families from Zeeland, 1812-1962. <i>The History of the Family</i> , 2020, 25, 484-526.	0.4	5
46	Metabolic Age Based on the BBMRI-NL ¹ H-NMR Metabolomics Repository as Biomarker of Age-related Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 541-547.	3.6	50
47	Genome-wide identification of genes regulating DNA methylation using genetic anchors for causal inference. <i>Genome Biology</i> , 2020, 21, 220.	8.8	27
48	Association of common genetic variants with brain microbleeds. <i>Neurology</i> , 2020, 95, e3331-e3343.	1.1	40
49	The Prognostic Value of Metabolic Profiling in Older Patients With a Proximal Femoral Fracture. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2020, 11, 215145932096009.	1.4	0
50	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	12.8	89
51	Longevity Relatives Count score identifies heritable longevity carriers and suggests case improvement in genetic studies. <i>Aging Cell</i> , 2020, 19, e13139.	6.7	13
52	Repeat UVA exposure of human skin fibroblasts induces both a transitional and recovery DNA methylation response. <i>Epigenomics</i> , 2020, 12, 563-573.	2.1	2
53	Metabolomics analyses in non-diabetic middle-aged individuals reveal metabolites impacting early glucose disturbances and insulin sensitivity. <i>Metabolomics</i> , 2020, 16, 35.	3.0	9
54	Systematic Evaluation of Normalization Methods for Glycomics Data Based on Performance of Network Inference. <i>Metabolites</i> , 2020, 10, 271.	2.9	13

#	ARTICLE	IF	CITATIONS
55	Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , 2020, 6, eaax0301.	10.3	90
56	Association of handgrip strength with patient-reported outcome measures after total hip and knee arthroplasty. <i>Rheumatology International</i> , 2020, 40, 565-571.	3.0	6
57	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020, 106, 389-404.	6.2	118
58	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drugâ€™ metabolite atlas. <i>Nature Medicine</i> , 2020, 26, 110-117.	30.7	54
59	Lifestyleâ€™interventionâ€™induced Reduction of Abdominal Fat Is Reflected by a Decreased Circulating Glycerol Level and an Increased HDL Diameter. <i>molecular Nutrition and Food Research</i> , 2020, 64, e1900818.	3.3	6
60	Repeat length variations in polyglutamine disease-associated genes affect body mass index. <i>International Journal of Obesity</i> , 2019, 43, 440-449.	3.4	13
61	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019, 10, 3346.	12.8	188
62	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	4.4	27
63	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019, 10, 3669.	12.8	214
64	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. <i>Scientific Reports</i> , 2019, 9, 11623.	3.3	13
65	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. <i>Nature Genetics</i> , 2019, 51, 1207-1214.	21.4	641
66	Senescent human melanocytes drive skin ageing via paracrine telomere dysfunction. <i>EMBO Journal</i> , 2019, 38, e101982.	7.8	136
67	Fast LC-ESI-MS/MS analysis and influence of sampling conditions for gut metabolites in plasma and serum. <i>Scientific Reports</i> , 2019, 9, 12370.	3.3	10
68	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019, 34, 1055-1074.	5.7	31
69	Repeat variations in polyglutamine diseaseâ€™ associated genes and cognitive function in old age. <i>Neurobiology of Aging</i> , 2019, 84, 236.e17-236.e28.	3.1	8
70	A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimerâ€™s disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. <i>Acta Neuropathologica</i> , 2019, 138, 237-250.	7.7	87
71	Metabolomic and lipidomic assessment of the metabolic syndrome in Dutch middle-aged individuals reveals novel biological signatures separating health and disease. <i>Metabolomics</i> , 2019, 15, 23.	3.0	41
72	Gut Microbial Associations to Plasma Metabolites Linked to Cardiovascular Phenotypes and Risk. <i>Circulation Research</i> , 2019, 124, 1808-1820.	4.5	137

#	ARTICLE	IF	CITATIONS
73	Large-scale plasma metabolome analysis reveals alterations in HDL metabolism in migraine. <i>Neurology</i> , 2019, 92, e1899-e1911.	1.1	42
74	Frailty Questionnaire Is Not a Strong Prognostic Factor for Functional Outcomes in Hip or Knee Arthroplasty Patients. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2019, 10, 215145931880816.	1.4	6
75	L1 drives IFN in senescent cells and promotes age-associated inflammation. <i>Nature</i> , 2019, 566, 73-78.	27.8	701
76	Epigenome-wide Association Study of Attention-Deficit/Hyperactivity Disorder Symptoms in Adults. <i>Biological Psychiatry</i> , 2019, 86, 599-607.	1.3	47
77	Nutritional Factors Modulating Alu Methylation in an Italian Sample from The Mark-Age Study Including Offspring of Healthy Nonagenarians. <i>Nutrients</i> , 2019, 11, 2986.	4.1	5
78	RNA sequencing data integration reveals an miRNA interactome of osteoarthritis cartilage. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 270-277.	0.9	130
79	Longevity defined as top 10% survivors and beyond is transmitted as a quantitative genetic trait. <i>Nature Communications</i> , 2019, 10, 35.	12.8	62
80	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.1	30
81	The ApoE ϵ 4 Isoform: Can the Risk of Diseases be Reduced by Environmental Factors?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 99-107.	3.6	23
82	Antioxidants linked with physical, cognitive and psychological frailty: Analysis of candidate biomarkers and markers derived from the MARK-AGE study. <i>Mechanisms of Ageing and Development</i> , 2019, 177, 135-143.	4.6	29
83	Stress evokes stronger medial posterior cingulate deactivations during emotional distraction in slower paced aging. <i>Biological Psychology</i> , 2018, 135, 84-92.	2.2	7
84	DNA methylation as a mediator of the association between prenatal adversity and risk factors for metabolic disease in adulthood. <i>Science Advances</i> , 2018, 4, eaao4364.	10.3	219
85	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.	12.8	295
86	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimer's and Dementia</i> , 2018, 14, 707-722.	0.8	143
87	The <sc>L</sc>eiden <sc>F</sc>amily <sc>L</sc>ab study on <sc>S</sc>ocial <sc>A</sc>nxiety <sc>D</sc>isorder: A multiplex, multigenerational family study on neurocognitive endophenotypes. <i>International Journal of Methods in Psychiatric Research</i> , 2018, 27, e1616.	2.1	17
88	Longevity Around the Turn of the 20th Century: Life-Long Sustained Survival Advantage for Parents of Today's Nonagenarians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1295-1302.	3.6	22
89	Facial Wrinkles in Europeans: A Genome-Wide Association Study. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1877-1880.	0.7	8
90	DNA methylation signatures of educational attainment. <i>Npj Science of Learning</i> , 2018, 3, 7.	2.8	42

#	ARTICLE	IF	CITATIONS
91	Survival analysis with delayed entry in selected families with application to human longevity. <i>Statistical Methods in Medical Research</i> , 2018, 27, 933-954.	1.5	8
92	Large-scale pharmacogenomic study of sulfonylureas and the QT, JT and QRS intervals: CHARGE Pharmacogenomics Working Group. <i>Pharmacogenomics Journal</i> , 2018, 18, 127-135.	2.0	12
93	IgG glycosylation and DNA methylation are interconnected with smoking. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 637-648.	2.4	33
94	Zinc-Induced Metallothionein in Centenarian Offspring From a Large European Population: The MARK-AGE Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 745-753.	3.6	13
95	Phenome and genome based studies into human ageing and longevity: An overview. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2742-2751.	3.8	36
96	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018, 61, 117-129.	6.3	32
97	Frailty in end-stage hip or knee osteoarthritis: validation of the Groningen Frailty Indicator (GFI) questionnaire. <i>Rheumatology International</i> , 2018, 38, 917-924.	3.0	16
98	O5â€œ04â€œ01: A RARE GENETIC VARIANT IN THE <i>PLCG2</i> GENE IS ASSOCIATED WITH A REDUCED RISK OF ALL MAJOR TYPES OF DEMENTIA AND AN INCREASED RISK TO REACH AN EXTREMELY OLD AGE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1648.	0.8	0
99	Blood Metabolomic Measures Associate With Present and Future Glycemic Control in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4569-4579.	3.6	25
100	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , 2018, 38, 206-216.	6.1	43
101	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	12.8	181
102	Establishing a Twin Register: An Invaluable Resource for (Behavior) Genetic, Epidemiological, Biomarker, and â€œOmicsâ€™ Studies. <i>Twin Research and Human Genetics</i> , 2018, 21, 239-252.	0.6	24
103	Autosomal genetic variation is associated with DNA methylation in regions variably escaping X-chromosome inactivation. <i>Nature Communications</i> , 2018, 9, 3738.	12.8	24
104	Facing up to the global challenges of ageing. <i>Nature</i> , 2018, 561, 45-56.	27.8	760
105	Sex Differences in Genetic Associations With Longevity. <i>JAMA Network Open</i> , 2018, 1, e181670.	5.9	60
106	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
107	Age-related DNA methylation changes are tissue-specific with ELOVL2 promoter methylation as exception. <i>Epigenetics and Chromatin</i> , 2018, 11, 25.	3.9	130
108	High Adiposity Is Associated With Higher Nocturnal and Diurnal Glycaemia, but Not With Glycemic Variability in Older Individuals Without Diabetes. <i>Frontiers in Endocrinology</i> , 2018, 9, 238.	3.5	7

#	ARTICLE	IF	CITATIONS
109	Genome-Wide Association Study on Immunoglobulin G Glycosylation Patterns. <i>Frontiers in Immunology</i> , 2018, 9, 277.	4.8	66
110	A characterization of postzygotic mutations identified in monozygotic twins. <i>Human Mutation</i> , 2018, 39, 1393-1401.	2.5	12
111	Genome-wide identification of directed gene networks using large-scale population genomics data. <i>Nature Communications</i> , 2018, 9, 3097.	12.8	18
112	Do senescence markers correlate in vitro and in situ within individual human donors?. <i>Aging</i> , 2018, 10, 278-289.	3.1	16
113	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , 2017, 22, 192-201.	7.9	63
114	Assessment of health status by molecular measures in adults ranging from middle-aged to old: Ready for clinical use?. <i>Experimental Gerontology</i> , 2017, 87, 175-181.	2.8	9
115	A genome-wide interaction analysis of tricyclic/tetracyclic antidepressants and RR and QT intervals: a pharmacogenomics study from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium. <i>Journal of Medical Genetics</i> , 2017, 54, 313-323.	3.2	9
116	Prolonged high-fat diet induces gradual and fat depot-specific DNA methylation changes in adult mice. <i>Scientific Reports</i> , 2017, 7, 43261.	3.3	38
117	Short telomere length is associated with impaired cognitive performance in European ancestry cohorts. <i>Translational Psychiatry</i> , 2017, 7, e1100-e1100.	4.8	61
118	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. <i>American Journal of Psychiatry</i> , 2017, 174, 850-858.	7.2	410
119	Activation-Induced Autophagy Is Preserved in CD4+ T-Cells in Familial Longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1201-1206.	3.6	35
120	Negative selection in humans and fruit flies involves synergistic epistasis. <i>Science</i> , 2017, 356, 539-542.	12.6	103
121	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
122	Familial longevity is characterized by high circadian rhythmicity of serum cholesterol in healthy elderly individuals. <i>Aging Cell</i> , 2017, 16, 237-243.	6.7	19
123	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017, 49, 131-138.	21.4	390
124	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017, 49, 139-145.	21.4	363
125	Secondary phenotype analysis in ascertained family designs: application to the Leiden longevity study. <i>Statistics in Medicine</i> , 2017, 36, 2288-2301.	1.6	15
126	Automated quantification of metabolites in blood-derived samples by NMR. <i>Analytica Chimica Acta</i> , 2017, 976, 52-62.	5.4	22

#	ARTICLE	IF	CITATIONS
127	Phenotypic screening of cannabinoid receptor 2 ligands shows different sensitivity to genotype. <i>Biochemical Pharmacology</i> , 2017, 130, 60-70.	4.4	4
128	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. <i>American Journal of Human Genetics</i> , 2017, 100, 51-63.	6.2	45
129	Human Plasma N-glycosylation as Analyzed by Matrix-Assisted Laser Desorption/Ionization-Fourier Transform Ion Cyclotron Resonance-MS Associates with Markers of Inflammation and Metabolic Health. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 228-242.	3.8	58
130	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017, 541, 81-86.	27.8	743
131	Homocysteine levels associate with subtle changes in leukocyte DNA methylation: an epigenome-wide analysis. <i>Epigenomics</i> , 2017, 9, 1403-1422.	2.1	6
132	Subclass-specific IgG glycosylation is associated with markers of inflammation and metabolic health. <i>Scientific Reports</i> , 2017, 7, 12325.	3.3	123
133	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910.	12.8	118
134	Small nucleoli are a cellular hallmark of longevity. <i>Nature Communications</i> , 2017, 8, 16083.	12.8	190
135	Genome-wide association and functional studies identify a role for matrix Gla protein in osteoarthritis of the hand. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 2046-2053.	0.9	64
136	No Causal Association between 25-Hydroxyvitamin D and Features of Skin Aging: Evidence from a Bidirectional Mendelian Randomization Study. <i>Journal of Investigative Dermatology</i> , 2017, 137, 2291-2297.	0.7	7
137	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017, 101, 888-902.	6.2	154
138	A framework for the detection of de novo mutations in family-based sequencing data. <i>European Journal of Human Genetics</i> , 2017, 25, 227-233.	2.8	29
139	High Liver Enzyme Concentrations are Associated with Higher Glycemia, but not with Glycemic Variability, in Individuals without Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2017, 8, 236.	3.5	13
140	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , 2017, 12, e0167742.	2.5	29
141	Genetically defined elevated homocysteine levels do not result in widespread changes of DNA methylation in leukocytes. <i>PLoS ONE</i> , 2017, 12, e0182472.	2.5	10
142	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017, 9, 209-246.	3.1	21
143	Thyroid status and mortality in nonagenarians from long-lived families and the general population. <i>Aging</i> , 2017, 9, 2223-2234.	3.1	17
144	Familial Longevity Is Not Associated with Major Differences in the Hypothalamic-Pituitary-Gonadal Axis in Healthy Middle-Aged Men. <i>Frontiers in Endocrinology</i> , 2016, 7, 143.	3.5	1

#	ARTICLE	IF	CITATIONS
145	Novel Genetic Variants for Cartilage Thickness and Hip Osteoarthritis. <i>PLoS Genetics</i> , 2016, 12, e1006260.	3.5	76
146	Aberrant Calreticulin Expression in Articular Cartilage of Dio2 Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0154999.	2.5	2
147	Classification for Longevity Potential: The Use of Novel Biomarkers. <i>Frontiers in Public Health</i> , 2016, 4, 233.	2.7	8
148	The multifaceted interplay between lipids and epigenetics. <i>Current Opinion in Lipidology</i> , 2016, 27, 288-294.	2.7	10
149	Meta-analysis of genome-wide association studies of HDL cholesterol response to statins. <i>Journal of Medical Genetics</i> , 2016, 53, 835-845.	3.2	28
150	Meta-analysis of 49â€¦549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in <i>ANGPTL4</i> determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016, 53, 441-449.	3.2	34
151	Novel loci and pathways significantly associated with longevity. <i>Scientific Reports</i> , 2016, 6, 21243.	3.3	145
152	Growth hormone secretion is diminished and tightly controlled in humans enriched for familial longevity. <i>Aging Cell</i> , 2016, 15, 1126-1131.	6.7	59
153	The effect of standardized food intake on the association between BMI and 1H-NMR metabolites. <i>Scientific Reports</i> , 2016, 6, 38980.	3.3	12
154	Cerebral Microbleeds and Lacunar Infarcts Are Associated with Walking Speed Independent of Cognitive Performance in Middle-Aged to Older Adults. <i>Gerontology</i> , 2016, 62, 500-507.	2.8	20
155	Liver Fat Assessed With CT Relates to MRI Markers of Incipient Brain Injury in Middle-Aged to Elderly Overweight Persons. <i>American Journal of Roentgenology</i> , 2016, 206, 1087-1092.	2.2	7
156	The MC1R Gene and Youthful Looks. <i>Current Biology</i> , 2016, 26, 1213-1220.	3.9	64
157	Uncompromised 10-year survival of oldest old carrying somatic mutations in DNMT3A and TET2. <i>Blood</i> , 2016, 127, 1512-1515.	1.4	38
158	Maternal and child cytokine relationship in early life is not altered by cytokine gene polymorphisms. <i>Genes and Immunity</i> , 2016, 17, 380-385.	4.1	15
159	Employing biomarkers of healthy ageing for leveraging genetic studies into human longevity. <i>Experimental Gerontology</i> , 2016, 82, 166-174.	2.8	27
160	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016, 17, 191.	8.8	120
161	Blood lipids influence DNA methylation in circulating cells. <i>Genome Biology</i> , 2016, 17, 138.	8.8	154
162	Getting personal: Endogenous adenosine receptor signaling in lymphoblastoid cell lines. <i>Biochemical Pharmacology</i> , 2016, 115, 114-122.	4.4	5

#	ARTICLE	IF	CITATIONS
163	Genomewide meta-analysis identifies loci associated with IGF and IGFBP levels with impact on age-related traits. <i>Aging Cell</i> , 2016, 15, 811-824.	6.7	83
164	Copy number variation associates with mortality in long-lived individuals: a genome-wide assessment. <i>Aging Cell</i> , 2016, 15, 49-55.	6.7	21
165	Age-dependent expression of DNMT1 and DNMT3B in PBMCs from a large European population enrolled in the MARK-AGE study. <i>Aging Cell</i> , 2016, 15, 755-765.	6.7	60
166	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016, 48, 1279-1283.	21.4	2,421
167	Genetic and environmental influences interact with age and sex in shaping the human methylome. <i>Nature Communications</i> , 2016, 7, 11115.	12.8	299
168	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , 2016, 7, 11122.	12.8	576
169	A high-quality human reference panel reveals the complexity and distribution of genomic structural variants. <i>Nature Communications</i> , 2016, 7, 12989.	12.8	99
170	Both low circulating insulin-like growth factor-1 and high-density lipoprotein cholesterol are associated with hair loss in middle-aged women. <i>British Journal of Dermatology</i> , 2016, 175, 728-734.	1.5	6
171	Cortical phase changes measured using 7T MRI in subjects with subjective cognitive impairment, and their association with cognitive function. <i>NMR in Biomedicine</i> , 2016, 29, 1289-1294.	2.8	12
172	The effect of forced exercise on knee joints in Dio2 ^{+/+} mice: type II iodothyronine deiodinase-deficient mice are less prone to develop OA-like cartilage damage upon excessive mechanical stress. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 571-577.	0.9	31
173	P16INK4a Positive Cells in Human Skin Are Indicative of Local Elastic Fiber Morphology, Facial Wrinkling, and Perceived Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1022-1028.	3.6	62
174	Systematic discovery of complex insertions and deletions in human cancers. <i>Nature Medicine</i> , 2016, 22, 97-104.	30.7	93
175	Neo-cartilage engineered from primary chondrocytes is epigenetically similar to autologous cartilage, in contrast to using mesenchymal stem cells. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1423-1430.	1.3	29
176	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	12.8	153
177	Effect of calendar age on physical performance: A comparison of standard clinical measures with instrumented measures in middle-aged to older adults. <i>Gait and Posture</i> , 2016, 45, 12-18.	1.4	2
178	Tobacco smoking is associated with DNA methylation of diabetes susceptibility genes. <i>Diabetologia</i> , 2016, 59, 998-1006.	6.3	43
179	Refined mapping of autoimmune disease associated genetic variants with gene expression suggests an important role for non-coding RNAs. <i>Journal of Autoimmunity</i> , 2016, 68, 62-74.	6.5	64
180	Transmission of human mtDNA heteroplasmy in the Genome of the Netherlands families: support for a variable-size bottleneck. <i>Genome Research</i> , 2016, 26, 417-426.	5.5	84

#	ARTICLE	IF	CITATIONS
181	Non-response to (statin) therapy: the importance of distinguishing non-responders from non-adherers in pharmacogenetic studies. <i>European Journal of Clinical Pharmacology</i> , 2016, 72, 431-437.	1.9	27
182	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , 2016, 25, 358-370.	2.9	73
183	Detecting dispersed duplications in high-throughput sequencing data using a database-free approach. <i>Bioinformatics</i> , 2016, 32, 505-510.	4.1	14
184	GWAS for executive function and processing speed suggests involvement of the <i>CADM2</i> gene. <i>Molecular Psychiatry</i> , 2016, 21, 189-197.	7.9	134
185	Associations between joint effusion in the knee and gene expression levels in the circulation: a meta-analysis. <i>F1000Research</i> , 2016, 5, 109.	1.6	6
186	Association between the rs7903146 Polymorphism in the <i>TCF7L2</i> Gene and Parameters Derived with Continuous Glucose Monitoring in Individuals without Diabetes. <i>PLoS ONE</i> , 2016, 11, e0149992.	2.5	16
187	Metabolic effects of a 13-weeks lifestyle intervention in older adults: The Growing Old Together Study. <i>Aging</i> , 2016, 8, 111-124.	3.1	28
188	DNA damage markers in dermal fibroblasts in vitro reflect chronological donor age. <i>Aging</i> , 2016, 8, 147-155.	3.1	17
189	Genetic variants determining survival and fertility in an adverse African environment: a population-based large-scale candidate gene association study. <i>Aging</i> , 2016, 8, 1364-1383.	3.1	1
190	Assessment of the contribution of <i>APOE</i> gene variants to metabolic phenotypes associated with familial longevity at middle age. <i>Aging</i> , 2016, 8, 1790-1801.	3.1	7
191	Analysis of the machinery and intermediates of the 5hmC-mediated DNA demethylation pathway in aging on samples from the MARK-AGE Study. <i>Aging</i> , 2016, 8, 1896-1922.	3.1	36
192	An Internet-Based Physical Activity Intervention to Improve Quality of Life of Inactive Older Adults: A Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2016, 18, e74.	4.3	50
193	Transcriptional Associations of Osteoarthritis-Mediated Loss of Epigenetic Control in Articular Cartilage. <i>Arthritis and Rheumatology</i> , 2015, 67, 2108-2116.	5.6	47
194	Visceral adipose tissue is associated with microstructural brain tissue damage. <i>Obesity</i> , 2015, 23, 1092-1096.	3.0	26
195	Human longevity is characterised by high thyroid stimulating hormone secretion without altered energy metabolism. <i>Scientific Reports</i> , 2015, 5, 11525.	3.3	76
196	Fine mapping the <i>CETP</i> region reveals a common intronic insertion associated to HDL-C. <i>Npj Aging and Mechanisms of Disease</i> , 2015, 1, 15011.	4.5	8
197	Markers of health and disease and pigmented spots in a middle-aged population. <i>British Journal of Dermatology</i> , 2015, 173, 1550-1552.	1.5	8
198	Design, measurement and processing of region-specific DNA methylation assays: the mass spectrometry-based method EpiTYPER. <i>Frontiers in Genetics</i> , 2015, 6, 287.	2.3	66

#	ARTICLE	IF	CITATIONS
199	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.	3.5	331
200	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. <i>PLoS Genetics</i> , 2015, 11, e1005230.	3.5	77
201	DNA Methylation Landscapes of Human Fetal Development. <i>PLoS Genetics</i> , 2015, 11, e1005583.	3.5	73
202	Drug-Gene Interactions of Antihypertensive Medications and Risk of Incident Cardiovascular Disease: A Pharmacogenomics Study from the CHARGE Consortium. <i>PLoS ONE</i> , 2015, 10, e0140496.	2.5	15
203	Association analysis of insulin-like growth factor-1 axis parameters with survival and functional status in nonagenarians of the Leiden Longevity Study. <i>Aging</i> , 2015, 7, 956-963.	3.1	55
204	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015, 6, 7208.	12.8	178
205	Genetically determined prospect to become long-lived is associated with less abdominal fat and in particular less abdominal visceral fat in men. <i>Age and Ageing</i> , 2015, 44, 713-717.	1.6	7
206	Leveraging Distant Relatedness to Quantify Human Mutation and Gene-Conversion Rates. <i>American Journal of Human Genetics</i> , 2015, 97, 775-789.	6.2	77
207	IL7R gene expression network associates with human healthy ageing. <i>Immunity and Ageing</i> , 2015, 12, 21.	4.2	39
208	DNA Modification Study of Major Depressive Disorder: Beyond Locus-by-Locus Comparisons. <i>Biological Psychiatry</i> , 2015, 77, 246-255.	1.3	66
209	Developmental determinants in non-communicable chronic diseases and ageing. <i>Thorax</i> , 2015, 70, 595-597.	5.6	45
210	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
211	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
212	Biological interpretation of genome-wide association studies using predicted gene functions. <i>Nature Communications</i> , 2015, 6, 5890.	12.8	706
213	A Genome-Wide Association Study Identifies the Skin Color Genes IRF4, MC1R, ASIP, and BNC2 Influencing Facial Pigmented Spots. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1735-1742.	0.7	117
214	Associations between insulin action and integrity of brain microstructure differ with familial longevity and with age. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 92.	3.4	3
215	Population-specific genotype imputations using minimac or IMPUTE2. <i>Nature Protocols</i> , 2015, 10, 1285-1296.	12.0	84
216	Low tobacco-related cancer incidence in offspring of long-lived siblings: a comparison with Danish national cancer registry data. <i>Annals of Epidemiology</i> , 2015, 25, 569-574.e3.	1.9	9

#	ARTICLE	IF	CITATIONS
217	Whole-cell biosensor for label-free detection of GPCR-mediated drug responses in personal cell lines. <i>Biosensors and Bioelectronics</i> , 2015, 74, 233-242.	10.1	34
218	Improving Phenotypic Prediction by Combining Genetic and Epigenetic Associations. <i>American Journal of Human Genetics</i> , 2015, 97, 75-85.	6.2	116
219	Underlying molecular mechanisms of <i>DIO2</i> susceptibility in symptomatic osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1571-1579.	0.9	75
220	Longitudinal weight differences, gene expression and blood biomarkers in BMI-discordant identical twins. <i>International Journal of Obesity</i> , 2015, 39, 899-909.	3.4	19
221	LDL cholesterol still a problem in old age? A Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015, 44, 604-612.	1.9	42
222	Characteristics of de novo structural changes in the human genome. <i>Genome Research</i> , 2015, 25, 792-801.	5.5	115
223	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409.	5.1	162
224	Genome-wide patterns and properties of de novo mutations in humans. <i>Nature Genetics</i> , 2015, 47, 822-826.	21.4	384
225	Exome and Whole Genome Sequencing in Aging and Longevity. <i>Advances in Experimental Medicine and Biology</i> , 2015, 847, 127-139.	1.6	5
226	Meta-analysis of 65,734 Individuals Identifies TSPAN15 and SLC44A2 as Two Susceptibility Loci for Venous Thromboembolism. <i>American Journal of Human Genetics</i> , 2015, 96, 532-542.	6.2	222
227	GWAS of Longevity in CHARGE Consortium Confirms APOE and FOXO3 Candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 110-118.	3.6	250
228	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015, 47, 589-597.	21.4	310
229	MARK-AGE biomarkers of ageing. <i>Mechanisms of Ageing and Development</i> , 2015, 151, 2-12.	4.6	189
230	Familial Longevity Is Associated With Higher TSH Secretion and Strong TSH-ft3 Relationship. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3806-3813.	3.6	35
231	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015, 6, 8570.	12.8	533
232	Lifestyle and youthful looks. <i>British Journal of Dermatology</i> , 2015, 172, 1338-1345.	1.5	23
233	Early gestation as the critical time-window for changes in the prenatal environment to affect the adult human blood methylome. <i>International Journal of Epidemiology</i> , 2015, 44, 1211-1223.	1.9	139
234	Parameters of glucose metabolism and the aging brain: a magnetization transfer imaging study of brain macro- and micro-structure in older adults without diabetes. <i>Age</i> , 2015, 37, 9802.	3.0	8

#	ARTICLE	IF	CITATIONS
235	White Matter Lesion Progression. <i>Stroke</i> , 2015, 46, 3048-3057.	2.0	27
236	Genome of the Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. <i>Nature Communications</i> , 2015, 6, 6065.	12.8	45
237	A gain of function mutation in <i>TNFRSF11B</i> encoding osteoprotegerin causes osteoarthritis with chondrocalcinosis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1756-1762.	0.9	44
238	<i>CD226</i> (<i>DNAM-1</i>) is associated with susceptibility to juvenile idiopathic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 2193-2198.	0.9	35
239	An alternative approach to multiple testing for methylation QTL mapping reduces the proportion of falsely identified CpGs. <i>Bioinformatics</i> , 2015, 31, 340-345.	4.1	15
240	Longer genotypically-estimated leukocyte telomere length is associated with increased adult glioma risk. <i>Oncotarget</i> , 2015, 6, 42468-42477.	1.8	87
241	An In Vivo Study on Brain Microstructure in Biological and Chronological Ageing. <i>PLoS ONE</i> , 2015, 10, e0120778.	2.5	1
242	Genes Involved in the Osteoarthritis Process Identified through Genome Wide Expression Analysis in Articular Cartilage; the RAAK Study. <i>PLoS ONE</i> , 2014, 9, e103056.	2.5	142
243	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> , 2014, 9, e111156.	2.5	8
244	Epigenetic Variation in Monozygotic Twins: A Genome-Wide Analysis of DNA Methylation in Buccal Cells. <i>Genes</i> , 2014, 5, 347-365.	2.4	49
245	Meta-analysis identifies loci affecting levels of the potential osteoarthritis biomarkers sCOMP and uCTX-II with genome wide significance. <i>Journal of Medical Genetics</i> , 2014, 51, 596-604.	3.2	18
246	Improved imputation quality of low-frequency and rare variants in European samples using the "Genome of The Netherlands"™. <i>European Journal of Human Genetics</i> , 2014, 22, 1321-1326.	2.8	92
247	Using ancestry-informative markers to identify fine structure across 15 populations of European origin. <i>European Journal of Human Genetics</i> , 2014, 22, 1190-1200.	2.8	32
248	DNA methylation signatures link prenatal famine exposure to growth and metabolism. <i>Nature Communications</i> , 2014, 5, 5592.	12.8	494
249	A Common Mineralocorticoid Receptor Polymorphism (I180V) Interacts with Life Events in Relation to Perfectionism in Eating Disorders: A Pilot Study. <i>European Eating Disorders Review</i> , 2014, 22, 423-429.	4.1	4
250	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014, 5, 5068.	12.8	216
251	A genome-wide copy number association study of osteoporotic fractures points to the 6p25.1 locus. <i>Journal of Medical Genetics</i> , 2014, 51, 122-131.	3.2	36
252	Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial <i>STXBP5</i> and <i>STX2</i> . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1093-1101.	2.4	43

#	ARTICLE	IF	CITATIONS
253	Assessment of Osteoarthritis Candidate Genes in a Meta-analysis of Nine Genome-Wide Association Studies. <i>Arthritis and Rheumatology</i> , 2014, 66, 940-949.	5.6	108
254	Knee and hip articular cartilage have distinct epigenomic landscapes: implications for future cartilage regeneration approaches. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2208-2212.	0.9	96
255	A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2130-2136.	0.9	108
256	Genes expressed in blood link osteoarthritis with apoptotic pathways. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1844-1853.	0.9	61
257	The occurrence of mtDNA mutations on different oxidative phosphorylation subunits, not detected by haplogroup analysis, affects human longevity and is population specific. <i>Aging Cell</i> , 2014, 13, 401-407.	6.7	85
258	Meta-analysis on blood transcriptomic studies identifies consistently coexpressed protein-protein interaction modules as robust markers of human aging. <i>Aging Cell</i> , 2014, 13, 216-225.	6.7	42
259	Mobster: accurate detection of mobile element insertions in next generation sequencing data. <i>Genome Biology</i> , 2014, 15, 488.	8.8	86
260	Leukocyte telomere length associates with prospective mortality independent of immune-related parameters and known genetic markers. <i>International Journal of Epidemiology</i> , 2014, 43, 878-886.	1.9	95
261	Microstructural Brain Tissue Damage in Metabolic Syndrome. <i>Diabetes Care</i> , 2014, 37, 493-500.	8.6	49
262	Associations between age and gray matter volume in anatomical brain networks in middle-aged to older adults. <i>Aging Cell</i> , 2014, 13, 1068-1074.	6.7	106
263	Renal function in familial longevity: the Leiden Longevity Study. <i>Experimental Gerontology</i> , 2014, 51, 65-70.	2.8	5
264	A metabolomic profile is associated with the risk of incident coronary heart disease. <i>American Heart Journal</i> , 2014, 168, 45-52.e7.	2.7	74
265	Health status and 6 years survival of 552 90+ Italian sib-ships recruited within the EU Project GEHA (Genetics of Healthy Ageing). <i>Age</i> , 2014, 36, 949-966.	3.0	32
266	ECR 2014, Part E. <i>Insights Into Imaging</i> , 2014, 5, 385-425.	3.4	0
267	ECR 2014, Part F. <i>Insights Into Imaging</i> , 2014, 5, 427-448.	3.4	0
268	Low mitochondrial DNA content associates with familial longevity: the Leiden Longevity Study. <i>Age</i> , 2014, 36, 9629.	3.0	28
269	The Genome of the Netherlands: design, and project goals. <i>European Journal of Human Genetics</i> , 2014, 22, 221-227.	2.8	246
270	Integrating Metabolomics Profiling Measurements Across Multiple Biobanks. <i>Analytical Chemistry</i> , 2014, 86, 4110-4114.	6.5	20

#	ARTICLE	IF	CITATIONS
271	Variants of the <i>IL10</i> gene associate with muscle strength in elderly from rural Africa: a candidate gene study. <i>Aging Cell</i> , 2014, 13, 862-868.	6.7	9
272	Association study of the estrogen receptor I gene (<i>ESR1</i>) in anorexia nervosa and eating disorders: No replication found. <i>International Journal of Eating Disorders</i> , 2014, 47, 211-214.	4.0	5
273	Association of adiponectin and leptin with relative telomere length in seven independent cohorts including 11,448 participants. <i>European Journal of Epidemiology</i> , 2014, 29, 629-638.	5.7	23
274	Relationship between the functional exon 3 deleted growth hormone receptor polymorphism and symptomatic osteoarthritis in women. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 433-436.	0.9	5
275	Latent Infection with Cytomegalovirus Is Associated with Poor Memory CD4 Responses to Influenza A Core Proteins in the Elderly. <i>Journal of Immunology</i> , 2014, 193, 3624-3631.	0.8	103
276	MethylAid: visual and interactive quality control of large Illumina 450k datasets. <i>Bioinformatics</i> , 2014, 30, 3435-3437.	4.1	154
277	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , 2014, 23, 4420-4432.	2.9	227
278	Low computed tomography coronary artery calcium scores in familial longevity: the Leiden Longevity Study. <i>Age</i> , 2014, 36, 9668.	3.0	1
279	Relationship between genome and epigenome - challenges and requirements for future research. <i>BMC Genomics</i> , 2014, 15, 487.	2.8	24
280	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
281	Genetic variation in <i>VTCN1</i> (B7-H4) is associated with course of disease in juvenile idiopathic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1198-1201.	0.9	16
282	A genome-wide association study of anorexia nervosa. <i>Molecular Psychiatry</i> , 2014, 19, 1085-1094.	7.9	282
283	Severe osteoarthritis of the hand associates with common variants within the <i>ALDH1A2</i> gene and with rare variants at 1p31. <i>Nature Genetics</i> , 2014, 46, 498-502.	21.4	136
284	Whole-genome sequence variation, population structure and demographic history of the Dutch population. <i>Nature Genetics</i> , 2014, 46, 818-825.	21.4	641
285	In search for genetic determinants of clinically meaningful differential cardiovascular event reduction by pravastatin in the PHarmacogenetic study of Statins in the Elderly at risk (PHASE)/PROSPER study. <i>Atherosclerosis</i> , 2014, 235, 58-64.	0.8	8
286	Large scale meta-analysis of urinary C-terminal telopeptide, serum cartilage oligomeric protein and matrix metalloprotease degraded type II collagen and their role in prevalence, incidence and progression of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 683-689.	1.3	72
287	Sex-specific effects of naturally occurring variants in the dopamine receptor D2 locus on insulin secretion and Type 2 diabetes susceptibility. <i>Diabetic Medicine</i> , 2014, 31, 1001-1008.	2.3	12
288	Variants near <i>TERT</i> and <i>TERC</i> influencing telomere length are associated with high-grade glioma risk. <i>Nature Genetics</i> , 2014, 46, 731-735.	21.4	161

#	ARTICLE	IF	CITATIONS
289	Drug-gene interactions and the search for missing heritability: a cross-sectional pharmacogenomics study of the QT interval. <i>Pharmacogenomics Journal</i> , 2014, 14, 6-13.	2.0	28
290	Association of Liver Enzymes and Computed Tomography Markers of Liver Steatosis with Familial Longevity. <i>PLoS ONE</i> , 2014, 9, e91085.	2.5	8
291	Dose-Response Effects of a Web-Based Physical Activity Program on Body Composition and Metabolic Health in Inactive Older Adults: Additional Analyses of a Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2014, 16, e265.	4.3	22
292	Mobster: accurate detection of mobile element insertions in next generation sequencing data. <i>Genome Biology</i> , 2014, 15, 488.	9.6	0
293	Duration of breastfeeding and gender are associated with methylation of the LEPTIN gene in very young children. <i>Pediatric Research</i> , 2013, 74, 344-349.	2.3	96
294	Identifying the genomic determinants of aging and longevity in human population studies: Progress and challenges. <i>BioEssays</i> , 2013, 35, 386-396.	2.5	81
295	The Val66Met polymorphism of the BDNF gene in anorexia nervosa: New data and a meta-analysis. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 441-451.	2.6	31
296	Relative validity of the food frequency questionnaire used to assess dietary intake in the Leiden Longevity Study. <i>Nutrition Journal</i> , 2013, 12, 75.	3.4	153
297	The shared allelic architecture of adiponectin levels and coronary artery disease. <i>Atherosclerosis</i> , 2013, 229, 145-148.	0.8	30
298	Genome-wide linkage scan in affected sibling pairs identifies novel susceptibility region for venous thromboembolism: Genetics In Familial Thrombosis study. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 1474-1484.	3.8	21
299	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013, 56, 298-310.	6.3	119
300	Lower proportion of naïve peripheral CD8+ T cells and an unopposed pro-inflammatory response to human Cytomegalovirus proteins in vitro are associated with longer survival in very elderly people. <i>Age</i> , 2013, 35, 1387-1399.	3.0	84
301	Aging as Accelerated Accumulation of Somatic Variants: Whole-Genome Sequencing of Centenarian and Middle-Aged Monozygotic Twin Pairs. <i>Twin Research and Human Genetics</i> , 2013, 16, 1026-1032.	0.6	40
302	Identification and systematic annotation of tissue-specific differentially methylated regions using the Illumina 450k array. <i>Epigenetics and Chromatin</i> , 2013, 6, 26.	3.9	192
303	De Leiden Lang Leven Studie: weerspiegelt het brein een lang leven?. <i>Neuropraxis</i> , 2013, 17, 167-172.	0.1	0
304	Gene expression analysis of mTOR pathway: association with human longevity. <i>Aging Cell</i> , 2013, 12, 24-31.	6.7	104
305	Genome-wide linkage analysis for human longevity: Genetics of Healthy Aging Study. <i>Aging Cell</i> , 2013, 12, 184-193.	6.7	170
306	Evidence from case-control and longitudinal studies supports associations of genetic variation in APOE, CETP, and IL6 with human longevity. <i>Age</i> , 2013, 35, 487-500.	3.0	82

#	ARTICLE	IF	CITATIONS
307	Genetic Variation at the TPH2 Gene Influences Impulsivity in Addition to Eating Disorders. <i>Behavior Genetics</i> , 2013, 43, 24-33.	2.1	10
308	High serum glucose levels are associated with a higher perceived age. <i>Age</i> , 2013, 35, 189-195.	3.0	39
309	Gene set analysis of GWAS data for human longevity highlights the relevance of the insulin/IGF-1 signaling and telomere maintenance pathways. <i>Age</i> , 2013, 35, 235-249.	3.0	105
310	How to classify the oldest old according to their health status: A study on 1160 subjects belonging to 552 90+ Italian sib-ships characterized by familial longevity recruited within the GEHA EU Project. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 560-569.	4.6	10
311	Association study of candidate genes for the progression of hand osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 565-569.	1.3	26
312	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013, 45, 422-427.	21.4	808
313	Lipidomics of familial longevity. <i>Aging Cell</i> , 2013, 12, 426-434.	6.7	157
314	Meta-analysis of telomere length in 19,713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect. <i>European Journal of Human Genetics</i> , 2013, 21, 1163-1168.	2.8	380
315	N-glycomic biomarkers of biological aging and longevity: A link with inflammaging. <i>Ageing Research Reviews</i> , 2013, 12, 685-698.	10.9	189
316	The <i>CTRB1/2</i> Locus Affects Diabetes Susceptibility and Treatment via the Incretin Pathway. <i>Diabetes</i> , 2013, 62, 3275-3281.	0.6	96
317	Lower Susceptibility to Cerebral Small Vessel Disease in Human Familial Longevity. <i>Stroke</i> , 2013, 44, 9-14.	2.0	24
318	The <i>DOT1L</i> rs12982744 polymorphism is associated with osteoarthritis of the hip with genome-wide statistical significance in males. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1264-1265.	0.9	51
319	Loci Associated with N-Glycosylation of Human Immunoglobulin G Show Pleiotropy with Autoimmune Diseases and Haematological Cancers. <i>PLoS Genetics</i> , 2013, 9, e1003225.	3.5	323
320	A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. <i>PLoS Genetics</i> , 2013, 9, e1003266.	3.5	194
321	Deleterious Alleles in the Human Genome Are on Average Younger Than Neutral Alleles of the Same Frequency. <i>PLoS Genetics</i> , 2013, 9, e1003301.	3.5	63
322	Chromatin remodeling of human subtelomeres and TERRA promoters upon cellular senescence. <i>Epigenetics</i> , 2013, 8, 512-521.	2.7	25
323	PCSK9 SNP rs11591147 is associated with low cholesterol levels but not with cognitive performance or noncardiovascular clinical events in an elderly population. <i>Journal of Lipid Research</i> , 2013, 54, 561-566.	4.2	55
324	Metabolic health in families enriched for longevity is associated with low prevalence of hand osteoarthritis and influences OA biomarker profiles. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1669-1674.	0.9	13

#	ARTICLE	IF	CITATIONS
325	Facial Appearance Reflects Human Familial Longevity and Cardiovascular Disease Risk in Healthy Individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 145-152.	3.6	45
326	The Adult Netherlands Twin Register: Twenty-Five Years of Survey and Biological Data Collection. <i>Twin Research and Human Genetics</i> , 2013, 16, 271-281.	0.6	186
327	Genome-wide association study meta-analysis of chronic widespread pain: evidence for involvement of the 5p15.2 region. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 427-436.	0.9	112
328	Pro-inflammatory capacity of classically activated monocytes relates positively to muscle mass and strength. <i>Aging Cell</i> , 2013, 12, 682-689.	6.7	25
329	Ambulant 24-h glucose rhythms mark calendar and biological age in apparently healthy individuals. <i>Aging Cell</i> , 2013, 12, 207-213.	6.7	26
330	Familial Resemblance for Serum Metabolite Concentrations. <i>Twin Research and Human Genetics</i> , 2013, 16, 948-961.	0.6	14
331	Preserved white matter integrity is a marker of familial longevity. <i>Annals of Neurology</i> , 2013, 74, 883-892.	5.3	5
332	Serum insulin-like growth factor 1 and facial ageing: high levels associate with reduced skin wrinkling in a cross-sectional study. <i>British Journal of Dermatology</i> , 2013, 168, 533-538.	1.5	23
333	The influence of clan structure on the genetic variation in a single Ghanaian village. <i>European Journal of Human Genetics</i> , 2013, 21, 1134-1139.	2.8	16
334	Novel genetic variants associated with lumbar disc degeneration in northern Europeans: a meta-analysis of 4600 subjects. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1141-1148.	0.9	118
335	Role of hormones in cartilage and joint metabolism. <i>Menopause</i> , 2013, 20, 578-586.	2.0	80
336	PCSK9 SNP rs11591147 is associated with low cholesterol levels but not with cognitive performance or noncardiovascular clinical events in an elderly population. <i>Journal of Lipid Research</i> , 2013, 54, 561-566.	4.2	23
337	Non-Homologous End-Joining Pathway Associated with Occurrence of Myocardial Infarction: Gene Set Analysis of Genome-Wide Association Study Data. <i>PLoS ONE</i> , 2013, 8, e56262.	2.5	17
338	Familial Longevity Is Marked by Better Cognitive Performance at Middle Age: The Leiden Longevity Study. <i>PLoS ONE</i> , 2013, 8, e57962.	2.5	24
339	Targeted Biomarker Discovery by High Throughput Glycosylation Profiling of Human Plasma Alpha1-Antitrypsin and Immunoglobulin A. <i>PLoS ONE</i> , 2013, 8, e73082.	2.5	43
340	Pathway Analysis Using Genome-Wide Association Study Data for Coronary Restenosis – A Potential Role for the PARVB Gene. <i>PLoS ONE</i> , 2013, 8, e70676.	2.5	12
341	Effects of a Web-Based Intervention on Physical Activity and Metabolism in Older Adults: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2013, 15, e233.	4.3	130
342	Proton magnetic resonance spectroscopy shows lower intramyocellular lipid accumulation in middle-aged subjects predisposed to familial longevity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E344-E348.	3.5	24

#	ARTICLE	IF	CITATIONS
343	PASSion: a pattern growth algorithm-based pipeline for splice junction detection in paired-end RNA-Seq data. <i>Bioinformatics</i> , 2012, 28, 479-486.	4.1	26
344	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	3.5	419
345	Increased type II deiodinase protein in OA-affected cartilage and allelic imbalance of OA risk polymorphism rs225014 at DIO2 in human OA joint tissues. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 1254-1258.	0.9	53
346	Anorexia nervosa and the Val158Met polymorphism of the COMT gene. <i>Psychiatric Genetics</i> , 2012, 22, 130-136.	1.1	27
347	Literature-Based Genetic Risk Scores for Coronary Heart Disease. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 202-209.	5.1	53
348	How to deal with the early GWAS data when imputing and combining different arrays is necessary. <i>European Journal of Human Genetics</i> , 2012, 20, 572-576.	2.8	26
349	Chronic Inhibition of the Respiratory Chain in Human Fibroblast Cultures: Differential Responses Related to Subject Chronological and Biological Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 456-464.	3.6	8
350	Levels of 25-hydroxyvitamin D in familial longevity: the Leiden Longevity Study. <i>Cmaj</i> , 2012, 184, E963-E968.	2.0	12
351	Hypermethylation at loci sensitive to the prenatal environment is associated with increased incidence of myocardial infarction. <i>International Journal of Epidemiology</i> , 2012, 41, 106-115.	1.9	69
352	Periconception maternal smoking and low education are associated with methylation of <i>INSIGF</i> in children at the age of 17 months. <i>Journal of Developmental Origins of Health and Disease</i> , 2012, 3, 315-320.	1.4	20
353	Brain tissue volumes in familial longevity: the Leiden Longevity Study. <i>Aging Cell</i> , 2012, 11, 933-939.	6.7	11
354	Identification of new susceptibility loci for osteoarthritis (arcOGEN): a genome-wide association study. <i>Lancet, The</i> , 2012, 380, 815-823.	13.7	373
355	Handgrip strength at midlife and familial longevity. <i>Age</i> , 2012, 34, 1261-1268.	3.0	19
356	Morphometric skin characteristics dependent on chronological and biological age: the Leiden Longevity Study. <i>Age</i> , 2012, 34, 1543-1552.	3.0	20
357	Cortisol serum levels in familial longevity and perceived age: The Leiden Longevity Study. <i>Psychoneuroendocrinology</i> , 2012, 37, 1669-1675.	2.7	15
358	Human in vivo longevity is reflected in vitro by differential metabolism as measured by ¹ H-NMR profiling of cell culture supernatants. <i>Molecular BioSystems</i> , 2012, 8, 783.	2.9	5
359	Distinguishing Between Longevity and Buffered-Deleterious Genotypes for Exceptional Human Longevity: The Case of the MTP Gene. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 1153-1160.	3.6	27
360	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , 2012, 44, 491-501.	21.4	1,100

#	ARTICLE	IF	CITATIONS
361	Epigenetic variation during the adult lifespan: cross-sectional and longitudinal data on monozygotic twin pairs. <i>Aging Cell</i> , 2012, 11, 694-703.	6.7	257
362	The number of p16INK4a positive cells in human skin reflects biological age. <i>Aging Cell</i> , 2012, 11, 722-725.	6.7	200
363	The continuing value of twin studies in the omics era. <i>Nature Reviews Genetics</i> , 2012, 13, 640-653.	16.3	314
364	Familial Longevity Is Marked by Lower Diurnal Salivary Cortisol Levels: The Leiden Longevity Study. <i>PLoS ONE</i> , 2012, 7, e31166.	2.5	26
365	Prenatal Famine and Genetic Variation Are Independently and Additively Associated with DNA Methylation at Regulatory Loci within IGF2/H19. <i>PLoS ONE</i> , 2012, 7, e37933.	2.5	132
366	Markers of Endogenous Desaturase Activity and Risk of Coronary Heart Disease in the CAREMA Cohort Study. <i>PLoS ONE</i> , 2012, 7, e41681.	2.5	45
367	Pharmacogenetics of statins: achievements, whole-genome analyses and future perspectives. <i>Pharmacogenomics</i> , 2012, 13, 831-840.	1.3	38
368	Meta-analyses of genome-wide linkage scans of anxiety-related phenotypes. <i>European Journal of Human Genetics</i> , 2012, 20, 1078-1084.	2.8	28
369	The place of genetics in ageing research. <i>Nature Reviews Genetics</i> , 2012, 13, 589-594.	16.3	43
370	A gene variant near ATM is significantly associated with metformin treatment response in type 2 diabetes: a replication and meta-analysis of five cohorts. <i>Diabetologia</i> , 2012, 55, 1971-1977.	6.3	107
371	Parental longevity correlates with offspring's optimism in two cohorts of community-dwelling older subjects. <i>Age</i> , 2012, 34, 461-468.	3.0	10
372	Human longevity and variation in GH/IGF-1/insulin signaling, DNA damage signaling and repair and pro/antioxidant pathway genes: Cross sectional and longitudinal studies. <i>Experimental Gerontology</i> , 2012, 47, 379-387.	2.8	64
373	Glucocorticoid receptor gene polymorphisms are associated with reduced first-phase glucose-stimulated insulin secretion and disposition index in women, but not in men. <i>Diabetic Medicine</i> , 2012, 29, e211-6.	2.3	15
374	C-reactive protein haplotypes and dispositional optimism in obese and nonobese elderly subjects. <i>Inflammation Research</i> , 2012, 61, 43-51.	4.0	6
375	Transcriptional Profiling of Human Familial Longevity Indicates a Role for ASF1A and IL7R. <i>PLoS ONE</i> , 2012, 7, e27759.	2.5	39
376	Common Variants in the Type 2 Diabetes KCNQ1 Gene Are Associated with Impairments in Insulin Secretion During Hyperglycaemic Glucose Clamp. <i>PLoS ONE</i> , 2012, 7, e32148.	2.5	37
377	Genome-Wide Study of Gene Variants Associated with Differential Cardiovascular Event Reduction by Pravastatin Therapy. <i>PLoS ONE</i> , 2012, 7, e38240.	2.5	30
378	Systematic Testing of Literature Reported Genetic Variation Associated with Coronary Restenosis: Results of the GENDER Study. <i>PLoS ONE</i> , 2012, 7, e42401.	2.5	20

#	ARTICLE	IF	CITATIONS
379	Meta-analyses of genes modulating intracellular T3 bio-availability reveal a possible role for the DIO3 gene in osteoarthritis susceptibility. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 164-167.	0.9	50
380	Genomics of human longevity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 35-42.	4.0	71
381	Plasma protein N-glycan profiles are associated with calendar age, familial longevity and health. <i>Journal of Proteome Research</i> , 2011, 10, 1667-1674.	3.7	87
382	Insights into the genetic architecture of osteoarthritis from stage 1 of the arcOGEN study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 864-867.	0.9	119
383	Variation in the CBP gene involved in epigenetic control associates with cognitive function. <i>Neurobiology of Aging</i> , 2011, 32, 549.e1-549.e8.	3.1	6
384	Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 349-355.	0.9	126
385	Factor VII Activating Protease Polymorphism (G534E) Is Associated with Increased Risk for Stroke and Mortality. <i>Stroke Research and Treatment</i> , 2011, 2011, 1-6.	0.8	39
386	Homocysteine and Familial Longevity: The Leiden Longevity Study. <i>PLoS ONE</i> , 2011, 6, e17543.	2.5	9
387	Integrating Protein-Protein Interaction Networks with Gene- Gene Co-Expression Networks improves Gene Signatures for Classifying Breast Cancer Metastasis. <i>Journal of Integrative Bioinformatics</i> , 2011, 8, 222-238.	1.5	9
388	DNA methylation of <i>IGF2</i> , <i>GNASAS</i> , <i>INSIGF</i> and <i>LEP</i> and being born small for gestational age. <i>Epigenetics</i> , 2011, 6, 171-176.	2.7	126
389	Familial longevity is marked by enhanced insulin sensitivity. <i>Aging Cell</i> , 2011, 10, 114-121.	6.7	106
390	Genome-wide association study identifies a single major locus contributing to survival into old age; the <i>APOE</i> locus revisited. <i>Aging Cell</i> , 2011, 10, 686-698.	6.7	249
391	Association study in eating disorders: TPH2 associates with anorexia nervosa and self-induced vomiting. <i>Genes, Brain and Behavior</i> , 2011, 10, 236-243.	2.2	20
392	A genome-wide association study on common SNPs and rare CNVs in anorexia nervosa. <i>Molecular Psychiatry</i> , 2011, 16, 949-959.	7.9	186
393	Recommendations for standardization and phenotype definitions in genetic studies of osteoarthritis: the TREAT-OA consortium. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 254-264.	1.3	82
394	Large-scale meta-analysis of interleukin-1 beta and interleukin-1 receptor antagonist polymorphisms on risk of radiographic hip and knee osteoarthritis and severity of knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 265-271.	1.3	72
395	Body mass index and alignment and their interaction as risk factors for progression of knees with radiographic signs of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 1117-1122.	1.3	41
396	Accuracy of direct segmental multi-frequency bioimpedance analysis in the assessment of total body and segmental body composition in middle-aged adult population. <i>Clinical Nutrition</i> , 2011, 30, 610-615.	5.0	459

#	ARTICLE	IF	CITATIONS
397	Design, recruitment, logistics, and data management of the GEHA (Genetics of Healthy Ageing) project. <i>Experimental Gerontology</i> , 2011, 46, 934-945.	2.8	52
398	Influence of Candidate Genes on Attention Problems in Children: A Longitudinal Study. <i>Behavior Genetics</i> , 2011, 41, 155-164.	2.1	12
399	Lipid metabolism in long-lived families: the Leiden Longevity Study. <i>Age</i> , 2011, 33, 219-227.	3.0	75
400	C-reactive protein and glucose regulation in familial longevity. <i>Age</i> , 2011, 33, 623-630.	3.0	13
401	Incident venous thromboembolic events in the Prospective Study of Pravastatin in the Elderly at Risk (PROSPER). <i>BMC Geriatrics</i> , 2011, 11, 8.	2.7	16
402	Replication of LDL GWAs hits in PROSPER/PHASE as validation for future (pharmaco)genetic analyses. <i>BMC Medical Genetics</i> , 2011, 12, 131.	2.1	35
403	A mixture model with random effects components for classifying sibling pairs. <i>Statistics in Medicine</i> , 2011, 30, 3252-3264.	1.6	4
404	ADHD in Dutch adults: Heritability and linkage study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 352-362.	1.7	23
405	Osteoarthritis susceptibility genes influence the association between hip morphology and osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1349-1354.	6.7	82
406	Abdominal Fat Accumulation in Adults Born Preterm Exposed Antenatally to Maternal Glucocorticoid Treatment Is Dependent on Glucocorticoid Receptor Gene Variation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1650-E1655.	3.6	16
407	Infection with cytomegalovirus but not herpes simplex virus induces the accumulation of late-differentiated CD4+ and CD8+ T-cells in humans. <i>Journal of General Virology</i> , 2011, 92, 2746-2756.	2.9	162
408	A genome-wide association study identifies a region at chromosome 12 as a potential susceptibility locus for restenosis after percutaneous coronary intervention. <i>Human Molecular Genetics</i> , 2011, 20, 4748-4757.	2.9	13
409	Genetic variation in PCAF, a key mediator in epigenetics, is associated with reduced vascular morbidity and mortality: evidence for a new concept from three independent prospective studies. <i>Heart</i> , 2011, 97, 143-150.	2.9	18
410	Association between leptin, adiponectin and resistin and long-term progression of hand osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1282-1284.	0.9	120
411	Genetic Predictors of Fibrin D-Dimer Levels in Healthy Adults. <i>Circulation</i> , 2011, 123, 1864-1872.	1.6	60
412	Association between Several Clinical and Radiological Determinants with Long-Term Clinical Progression and Good Prognosis of Lower Limb Osteoarthritis. <i>PLoS ONE</i> , 2011, 6, e25426.	2.5	22
413	Integrating protein-protein interaction networks with gene-gene co-expression networks improves gene signatures for classifying breast cancer metastasis. <i>Journal of Integrative Bioinformatics</i> , 2011, 8, 188.	1.5	20
414	Genetic association analysis of LARS2 with type 2 diabetes. <i>Diabetologia</i> , 2010, 53, 103-110.	6.3	10

#	ARTICLE	IF	CITATIONS
415	Common CFTR gene variants influence body composition and survival in rural Ghana. <i>Human Genetics</i> , 2010, 127, 201-206.	3.8	3
416	Interleukin-1 region meta-analysis with osteoarthritis phenotypes. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 200-207.	1.3	30
417	Doyle Index is a valuable additional pain measure in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 1046-1050.	1.3	21
418	A genome-wide association study identifies an osteoarthritis susceptibility locus on chromosome 7q22. <i>Arthritis and Rheumatism</i> , 2010, 62, 499-510.	6.7	178
419	Interleukin-1 gene cluster variants with innate cytokine production profiles and osteoarthritis in subjects from the Genetics, Osteoarthritis and Progression Study. <i>Arthritis and Rheumatism</i> , 2010, 62, 1119-1126.	6.7	10
420	Common genetic variation in the Estrogen Receptor Beta (ESR2) gene and osteoarthritis: results of a meta-analysis. <i>BMC Medical Genetics</i> , 2010, 11, 164.	2.1	8
421	Favorable Glucose Tolerance and Lower Prevalence of Metabolic Syndrome in Offspring without Diabetes Mellitus of Nonagenarian Siblings: The Leiden Longevity Study. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 564-569.	2.6	75
422	Allele-sharing Statistics Using Information on Family History. <i>Annals of Human Genetics</i> , 2010, 74, 547-554.	0.8	5
423	Anxiety and depression in children and adults: influence of serotonergic and neurotrophic genes?. <i>Genes, Brain and Behavior</i> , 2010, 9, 808-816.	2.2	36
424	Polymorphisms in TLR4 and TLR2 genes, cytokine production and survival in rural Ghana. <i>European Journal of Human Genetics</i> , 2010, 18, 490-495.	2.8	16
425	A genome-wide linkage scan reveals CD53 as an important regulator of innate TNF- α levels. <i>European Journal of Human Genetics</i> , 2010, 18, 953-959.	2.8	23
426	Genome-wide association scan for five major dimensions of personality. <i>Molecular Psychiatry</i> , 2010, 15, 647-656.	7.9	250
427	Decreased Levels of Bisecting GlcNAc Glycoforms of IgG Are Associated with Human Longevity. <i>PLoS ONE</i> , 2010, 5, e12566.	2.5	104
428	Somatic Point Mutations in mtDNA Control Region Are Influenced by Genetic Background and Associated with Healthy Aging: A GEHA Study. <i>PLoS ONE</i> , 2010, 5, e13395.	2.5	28
429	Low Serum Free Triiodothyronine Levels Mark Familial Longevity: The Leiden Longevity Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 365-368.	3.6	58
430	Genome-wide association study (GWAS)-identified disease risk alleles do not compromise human longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18046-18049.	7.1	138
431	The Netherlands Twin Register Biobank: A Resource for Genetic Epidemiological Studies. <i>Twin Research and Human Genetics</i> , 2010, 13, 231-245.	0.6	141
432	The Serotonin Transporter Gene Length Polymorphism (5-HTTLPR) and Life Events: No Evidence for an Interaction Effect on Neuroticism and Anxious Depressive Symptoms. <i>Twin Research and Human Genetics</i> , 2010, 13, 544-549.	0.6	22

#	ARTICLE	IF	CITATIONS
433	Gene Variants in the Novel Type 2 Diabetes Loci <i>CDC123/CAMK1D</i> , <i>THADA</i> , <i>ADAMTS9</i> , <i>BCL11A</i> , and <i>MTNR1B</i> Affect Different Aspects of Pancreatic β -Cell Function. <i>Diabetes</i> , 2010, 59, 293-301.	0.6	125
434	Combined Risk Allele Score of Eight Type 2 Diabetes Genes Is Associated With Reduced First-Phase Glucose-Stimulated Insulin Secretion During Hyperglycemic Clamps. <i>Diabetes</i> , 2010, 59, 287-292.	0.6	51
435	Hallmark Features of Immunosenescence Are Absent in Familial Longevity. <i>Journal of Immunology</i> , 2010, 185, 4618-4624.	0.8	147
436	Genetic Variation in Pentraxin (PTX) 3 Gene Associates with PTX3 Production and Fertility in Women. <i>Biology of Reproduction</i> , 2010, 82, 299-304.	2.7	33
437	Familial Longevity Is Associated with Decreased Thyroid Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4979-4984.	3.6	112
438	Variation, patterns, and temporal stability of DNA methylation: considerations for epigenetic epidemiology. <i>FASEB Journal</i> , 2010, 24, 3135-3144.	0.5	287
439	A Meta-analysis of Four Genome-Wide Association Studies of Survival to Age 90 Years or Older: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 478-487.	3.6	117
440	No or only population-specific effect of PON1 on human longevity: A comprehensive meta-analysis. <i>Ageing Research Reviews</i> , 2010, 9, 238-244.	10.9	27
441	Exploring genetic determinants of plasma total cholesterol levels and their predictive value in a longitudinal study. <i>Atherosclerosis</i> , 2010, 213, 200-205.	0.8	41
442	Polymorphisms associated with type 2 diabetes in familial longevity: The Leiden Longevity Study. <i>Ageing</i> , 2010, 3, 55-62.	3.1	19
443	Selection for Genetic Variation Inducing Pro-Inflammatory Responses under Adverse Environmental Conditions in a Ghanaian Population. <i>PLoS ONE</i> , 2009, 4, e7795.	2.5	40
444	Periconceptional Maternal Folic Acid Use of 400 μ g per Day Is Related to Increased Methylation of the IGF2 Gene in the Very Young Child. <i>PLoS ONE</i> , 2009, 4, e7845.	2.5	410
445	A genome-wide association study suggests that a locus within the ataxin 2 binding protein 1 gene is associated with hand osteoarthritis: the Treat-OA consortium. <i>Journal of Medical Genetics</i> , 2009, 46, 614-616.	3.2	58
446	Large replication study and meta-analyses of DVWA as an osteoarthritis susceptibility locus in European and Asian populations. <i>Human Molecular Genetics</i> , 2009, 18, 1518-1523.	2.9	50
447	Progression of hand osteoarthritis over 2 years: a clinical and radiological follow-up study. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1260-1264.	0.9	77
448	The epigenome: Archive of the prenatal environment. <i>Epigenetics</i> , 2009, 4, 526-531.	2.7	218
449	Testing the druggable endothelial differentiation gene 2 knee osteoarthritis genetic factor for replication in a wide range of sample collections. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1017-1021.	0.9	11
450	Sex Differences in Sum Scores May Be Hard to Interpret. <i>Assessment</i> , 2009, 16, 415-423.	3.1	24

#	ARTICLE	IF	CITATIONS
451	Association of a nsSNP in ADAMTS14 to some osteoarthritis phenotypes. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 321-327.	1.3	62
452	The role of plasma cytokine levels, CRP and Selenoprotein S gene variation in OA. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 621-626.	1.3	18
453	Suggestive linkage on chromosome 2, 8, and 17 for lifetime major depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 352-358.	1.7	21
454	Association of the autoimmunity locus 4q27 with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2009, 60, 901-904.	6.7	44
455	Large-scale analysis of association between <i>GDF5</i> and <i>FRZB</i> variants and osteoarthritis of the hip, knee, and hand. <i>Arthritis and Rheumatism</i> , 2009, 60, 1710-1721.	6.7	181
456	Weighted statistics for aggregation and linkage analysis of human longevity in selected families: The Leiden Longevity Study. <i>Statistics in Medicine</i> , 2009, 28, 140-151.	1.6	14
457	Genetic association analysis of 13 nuclear-encoded mitochondrial candidate genes with type II diabetes mellitus: the DAMAGE study. <i>European Journal of Human Genetics</i> , 2009, 17, 1056-1062.	2.8	14
458	Human longevity and 11p15.5: a study in 1321 centenarians. <i>European Journal of Human Genetics</i> , 2009, 17, 1515-1519.	2.8	60
459	Multicenter dizygotic twin cohort study confirms two linkage susceptibility loci for body mass index at 3q29 and 7q36 and identifies three further potential novel loci. <i>International Journal of Obesity</i> , 2009, 33, 1235-1242.	3.4	21
460	Nonagenarian Siblings and Their Offspring Display Lower Risk of Mortality and Morbidity than Sporadic Nonagenarians: The Leiden Longevity Study. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 1634-1637.	2.6	258
461	A genome wide association analysis in the GENDER study. <i>Netherlands Heart Journal</i> , 2009, 17, 262-264.	0.8	11
462	Genome-wide Association Study of Smoking Initiation and Current Smoking. <i>American Journal of Human Genetics</i> , 2009, 84, 367-379.	6.2	125
463	DNA methylation differences after exposure to prenatal famine are common and timing- and sex-specific. <i>Human Molecular Genetics</i> , 2009, 18, 4046-4053.	2.9	1,042
464	VDR gene variants associate with cognitive function and depressive symptoms in old age. <i>Neurobiology of Aging</i> , 2009, 30, 466-473.	3.1	118
465	Human insulin/IGF-1 and familial longevity at middle age. <i>Aging</i> , 2009, 1, 714-722.	3.1	63
466	Reliability of cluster results for different types of time adjustments in complex disease research. , 2008, 2008, 4601-4.		1
467	Genetic influences on disordered eating behaviour are largely independent of body mass index. <i>Acta Psychiatrica Scandinavica</i> , 2008, 117, 348-356.	4.5	16
468	A whole genome association study of neuroticism using DNA pooling. <i>Molecular Psychiatry</i> , 2008, 13, 302-312.	7.9	145

#	ARTICLE	IF	CITATIONS
469	Linkage on chromosome 14 in a genome-wide linkage study of a broad anxiety phenotype. <i>Molecular Psychiatry</i> , 2008, 13, 84-89.	7.9	38
470	Hematopoietic Capacity and Exceptional Survival: The Leiden Longevity Study. <i>Journal of the American Geriatrics Society</i> , 2008, 56, 2009-2013.	2.6	3
471	Genes encoding longevity: from model organisms to humans. <i>Aging Cell</i> , 2008, 7, 270-280.	6.7	107
472	Genomic studies in ageing research: the need to integrate genetic and gene expression approaches. <i>Journal of Internal Medicine</i> , 2008, 263, 153-166.	6.0	17
473	Lymphotoxin-alpha C804A polymorphism is a risk factor for stroke. The PROSPER study. <i>Experimental Gerontology</i> , 2008, 43, 801-805.	2.8	9
474	Risk factors in familial osteoarthritis: the GARP sibling study. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 654-659.	1.3	32
475	Vitamin D Receptor Gene Polymorphisms Have Negligible Effect on Human Height. <i>Twin Research and Human Genetics</i> , 2008, 11, 488-494.	0.6	11
476	Identification of DIO2 as a new susceptibility locus for symptomatic osteoarthritis. <i>Human Molecular Genetics</i> , 2008, 17, 1867-1875.	2.9	190
477	Genetic variation in the interleukin-1 α -converting enzyme associates with cognitive function. The PROSPER study. <i>Brain</i> , 2008, 131, 1069-1077.	7.6	67
478	A meta-analysis of European and Asian cohorts reveals a global role of a functional SNP in the 5' UTR of GDF5 with osteoarthritis susceptibility. <i>Human Molecular Genetics</i> , 2008, 17, 1497-1504.	2.9	156
479	Genetics of osteoarthritis: early developmental clues to an old disease. <i>Nature Clinical Practice Rheumatology</i> , 2008, 4, 563-563.	3.2	16
480	Innate production of tumour necrosis factor α and interleukin 10 is associated with radiological progression of knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1165-1169.	0.9	49
481	Allelic variation at the C-reactive protein gene associates to both hand osteoarthritis severity and serum high sensitive C-reactive protein levels in the GARP study. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 877-879.	0.9	31
482	Persistent epigenetic differences associated with prenatal exposure to famine in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17046-17049.	7.1	2,683
483	New insights into osteoarthritis: early developmental features of an ageing-related disease. <i>Current Opinion in Rheumatology</i> , 2008, 20, 553-559.	4.3	66
484	Genome-Wide Linkage Analysis of Multiple Measures of Neuroticism of 2 Large Cohorts From Australia and the Netherlands. <i>Archives of General Psychiatry</i> , 2008, 65, 649.	12.3	36
485	A Scenario Implementation in R for SubtypeDiscovery Exemplified on Chemoinformatics Data. <i>Communications in Computer and Information Science</i> , 2008, , 669-683.	0.5	2
486	Heritable rather than age-related environmental and stochastic factors dominate variation in DNA methylation of the human IGF2/H19 locus. <i>Human Molecular Genetics</i> , 2007, 16, 547-554.	2.9	218

#	ARTICLE	IF	CITATIONS
487	Polymorphisms in Proinflammatory Genes and Susceptibility to Typhoid Fever and Paratyphoid Fever. <i>Journal of Interferon and Cytokine Research</i> , 2007, 27, 271-280.	1.2	14
488	Mental Performance in Old Age Dependent on Cortisol and Genetic Variance in the Mineralocorticoid and Glucocorticoid Receptors. <i>Neuropsychopharmacology</i> , 2007, 32, 1295-1301.	5.4	115
489	The 23K Variant of the R23K Polymorphism in the Glucocorticoid Receptor Gene Protects against Postnatal Growth Failure and Insulin Resistance after Preterm Birth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4777-4782.	3.6	28
490	The H63D variant in the HFE gene predisposes to arthralgia, chondrocalcinosis and osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 1436-1442.	0.9	25
491	Liver X Receptor Alpha Associates With Human Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 343-349.	3.6	19
492	SIRT1 Gene, Age-Related Diseases, and Mortality: The Leiden 85-Plus Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 960-965.	3.6	76
493	Iron deficiency and NRAMP1 polymorphisms (INT4, D543N and 3'UTR) do not contribute to severity of anaemia in tuberculosis in the Indonesian population. <i>British Journal of Nutrition</i> , 2007, 98, 684-90.	2.3	36
494	Genetic Association Analysis of RHOB and TXNDC3 in Osteoarthritis. <i>American Journal of Human Genetics</i> , 2007, 80, 383-386.	6.2	15
495	Genetics of Healthy Aging in Europe: The EU-Integrated Project GEHA (GEnetics of Healthy Aging). <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 21-45.	3.8	85
496	FCRL3 promoter 169 CC homozygosity is associated with susceptibility to rheumatoid arthritis in Dutch Caucasians. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 803-806.	0.9	41
497	Influence of familial factors on radiologic disease progression over two years in siblings with osteoarthritis at multiple sites: A prospective longitudinal cohort study. <i>Arthritis and Rheumatism</i> , 2007, 57, 626-632.	6.7	28
498	Amino acid profiling in urine by capillary zone electrophoresis $\hat{=}$ mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1159, 149-153.	3.7	57
499	Haplotypes in the human Foxo1a and Foxo3a genes; impact on disease and mortality at old age. <i>European Journal of Human Genetics</i> , 2007, 15, 294-301.	2.8	103
500	Mutation analysis of candidate genes within the 2q33.3 linkage area for familial early-onset generalised osteoarthritis. <i>European Journal of Human Genetics</i> , 2007, 15, 791-799.	2.8	22
501	Telomere length predicts survival independent of genetic influences. <i>Aging Cell</i> , 2007, 6, 769-774.	6.7	271
502	Clusters of biochemical markers are associated with radiographic subtypes of osteoarthritis (OA) in subject with familial OA at multiple sites. The GARP study. <i>Osteoarthritis and Cartilage</i> , 2007, 15, 379-385.	1.3	59
503	Genetic Variation in the Interleukin-10 Gene Promoter and Risk of Coronary and Cerebrovascular Events: The PROSPER Study. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 189-198.	3.8	40
504	Evidence for the association of the S100 β gene with low cognitive performance and dementia in the elderly. <i>Molecular Psychiatry</i> , 2007, 12, 870-880.	7.9	26

#	ARTICLE	IF	CITATIONS
505	Family Based Association Analyses between the Serotonin Transporter Gene Polymorphism (5-HTTLPR) and Neuroticism, Anxiety and Depression. <i>Behavior Genetics</i> , 2007, 37, 294-301.	2.1	82
506	Molecular epidemiology, candidate genes versus genome-wide scans. <i>Genes and Nutrition</i> , 2007, 2, 27-29.	2.5	1
507	Association of matrilin-3 polymorphisms with spinal disc degeneration and osteoarthritis of the first carpometacarpal joint of the hand. <i>Annals of the Rheumatic Diseases</i> , 2006, 65, 1060-1066.	0.9	54
508	Chromosome 4q25, Microsomal Transfer Protein Gene, and Human Longevity: Novel Data and a Meta-Analysis of Association Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 355-362.	3.6	64
509	High Microsatellite and SNP Genotyping Success Rates Established in a Large Number of Genomic DNA Samples Extracted From Mouth Swabs and Genotypes. <i>Twin Research and Human Genetics</i> , 2006, 9, 501-506.	0.6	19
510	Evidence of genetic enrichment for exceptional survival using a family approach: the Leiden Longevity Study. <i>European Journal of Human Genetics</i> , 2006, 14, 79-84.	2.8	339
511	Strong linkage on 2q33.3 to familial early-onset generalized osteoarthritis and a consideration of two positional candidate genes. <i>European Journal of Human Genetics</i> , 2006, 14, 1280-1287.	2.8	26
512	Genetic Linkage and Association Analysis for Loneliness in Dutch Twin and Sibling Pairs Points to a Region on Chromosome 12q23-24. <i>Behavior Genetics</i> , 2006, 36, 137-146.	2.1	37
513	Combined Linkage and Association Analyses of the 124-bp Allele of Marker D2S2944 with Anxiety, Depression, Neuroticism and Major Depression. <i>Behavior Genetics</i> , 2006, 36, 127-136.	2.1	8
514	Replicated Linkage for Eye Color on 15q Using Comparative Ratings of Sibling Pairs. <i>Behavior Genetics</i> , 2006, 36, 12-17.	2.1	23
515	Genome-wide Linkage Scan to Identify Loci for Age at First Cigarette in Dutch Sibling Pairs. <i>Behavior Genetics</i> , 2006, 36, 100-111.	2.1	27
516	Genetic variants in the glucocorticoid receptor gene (NR3C1) and cardiovascular disease risk. The Leiden 85-plus Study. <i>Biogerontology</i> , 2006, 7, 231-238.	3.9	39
517	Impact of genetic variations in the WRN gene on age related pathologies and mortality. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 307-313.	4.6	22
518	Activity limitations in the lower extremities in patients with osteoarthritis: the modifying effects of illness perceptions and mental health. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 1104-1110.	1.3	55
519	Efficacy and toxicity of methotrexate in early rheumatoid arthritis are associated with single-nucleotide polymorphisms in genes coding for folate pathway enzymes. <i>Arthritis and Rheumatism</i> , 2006, 54, 1087-1095.	6.7	188
520	Replication in genetic association studies: Comment on the editorial by Spector et al. <i>Arthritis and Rheumatism</i> , 2006, 54, 3063-3064.	6.7	0
521	Lipoprotein Particle Profiles Mark Familial and Sporadic Human Longevity. <i>PLoS Medicine</i> , 2006, 3, e495.	8.4	51
522	Butyrylcholinesterase: Association with the Metabolic Syndrome and Identification of 2 Gene Loci Affecting Activity. <i>Clinical Chemistry</i> , 2006, 52, 1014-1020.	3.2	56

#	ARTICLE	IF	CITATIONS
523	Urinary CTX-II levels are associated with radiographic subtypes of osteoarthritis in hip, knee, hand, and facet joints in subject with familial osteoarthritis at multiple sites: the GARP study. <i>Annals of the Rheumatic Diseases</i> , 2006, 65, 360-365.	0.9	94
524	ApoE Plasma Levels and Risk of Cardiovascular Mortality in Old Age. <i>PLoS Medicine</i> , 2006, 3, e176.	8.4	107
525	High Microsatellite and SNP Genotyping Success Rates Established in a Large Number of Genomic DNA Samples Extracted From Mouth Swabs and Genotypes. <i>Twin Research and Human Genetics</i> , 2006, 9, 501-506.	0.6	12
526	Human Cytokine Response to ex vivo Amyloid- β Stimulation is Mediated by Genetic Factors. <i>Twin Research and Human Genetics</i> , 2005, 8, 132-137.	0.6	4
527	Eating Disorders: From Twin Studies to Candidate Genes and Beyond. <i>Twin Research and Human Genetics</i> , 2005, 8, 467-482.	0.6	28
528	Human Cytokine Response to ex vivo Amyloid- β Stimulation is Mediated by Genetic Factors. <i>Twin Research and Human Genetics</i> , 2005, 8, 132-137.	0.6	12
529	Eating Disorders: From Twin Studies to Candidate Genes and Beyond. <i>Twin Research and Human Genetics</i> , 2005, 8, 467-482.	0.6	27
530	Reduced insulin/IGF-1 signalling and human longevity. <i>Aging Cell</i> , 2005, 4, 79-85.	6.7	288
531	Meta-analysis of four new genome scans for lipid parameters and analysis of positional candidates in positive linkage regions. <i>European Journal of Human Genetics</i> , 2005, 13, 1143-1153.	2.8	46
532	Variation in the human TP53 gene affects old age survival and cancer mortality. <i>Experimental Gerontology</i> , 2005, 40, 11-15.	2.8	196
533	What evidence is there for the existence of individual genes with antagonistic pleiotropic effects?. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 421-429.	4.6	109
534	Shuttling between species for pathways of lifespan regulation: A central role for the vitellogenin gene family?. <i>BioEssays</i> , 2005, 27, 339-346.	2.5	40
535	Association of the frizzled-related protein gene with symptomatic osteoarthritis at multiple sites. <i>Arthritis and Rheumatism</i> , 2005, 52, 1077-1080.	6.7	118
536	Association of the risk of osteoarthritis with high innate production of interleukin-1 β and low innate production of interleukin-10 ex vivo, upon lipopolysaccharide stimulation. <i>Arthritis and Rheumatism</i> , 2005, 52, 1443-1450.	6.7	51
537	Evidence for a role of the genomic region of the gene encoding for the β 1 chain of type IX collagen (COL9A1) in hip osteoarthritis: A population-based study. <i>Arthritis and Rheumatism</i> , 2005, 52, 1437-1442.	6.7	23
538	RUNX1 intronic SNP is not associated with rheumatoid arthritis susceptibility in Dutch Caucasians. <i>Rheumatology</i> , 2005, 44, 1196-1196.	1.9	3
539	A Whole-Genome Scan for 24-Hour Respiration Rate: A Major Locus at 10q26 Influences Respiration During Sleep. <i>American Journal of Human Genetics</i> , 2005, 76, 100-111.	6.2	15
540	A Genomewide Scan for Intelligence Identifies Quantitative Trait Loci on 2q and 6p. <i>American Journal of Human Genetics</i> , 2005, 77, 318-326.	6.2	110

#	ARTICLE	IF	CITATIONS
541	C. elegans DAF-12, Nuclear Hormone Receptors and human longevity and disease at old age. Ageing Research Reviews, 2005, 4, 351-371.	10.9	28
542	Evidence for familial aggregation of hand, hip, and spine but not knee osteoarthritis in siblings with multiple joint involvement: the GARP study. Annals of the Rheumatic Diseases, 2004, 64, 438-443.	0.9	129
543	QTLs for height: results of a full genome scan in Dutch sibling pairs. European Journal of Human Genetics, 2004, 12, 820-828.	2.8	28
544	Linkage analysis of smoking initiation and quantity in Dutch sibling pairs. Pharmacogenomics Journal, 2004, 4, 274-282.	2.0	57
545	Variation in the SHC1 gene and longevity in humans. Experimental Gerontology, 2004, 39, 263-268.	2.8	24
546	Association of the interleukin-1 gene cluster with radiographic signs of osteoarthritis of the hip. Arthritis and Rheumatism, 2004, 50, 1179-1186.	6.7	98
547	Combined association and linkage analysis applied to the APOE locus. Genetic Epidemiology, 2004, 26, 328-337.	1.3	12
548	Insulin-like growth factor I gene promoter polymorphism, collagen type II $\alpha 1$ (COL2A1) gene, and the prevalence of radiographic osteoarthritis: the Rotterdam Study. Annals of the Rheumatic Diseases, 2004, 63, 544-548.	0.9	28
549	Further Evidence for a QTL Influencing Body Mass Index on Chromosome 7p from a Genome-wide Scan in Dutch Families. Twin Research and Human Genetics, 2004, 7, 192-196.	1.0	17
550	Further Evidence for a QTL Influencing Body Mass Index on Chromosome 7p from a Genome-wide Scan in Dutch Families. Twin Research and Human Genetics, 2004, 7, 192-196.	1.0	1
551	A Unified Approach to Modelling Linkage to Quantitative and Qualitative Traits. Annals of Human Genetics, 2003, 67, 457-463.	0.8	2
552	Evidence for a QTL on chromosome 19 influencing LDL cholesterol levels in the general population. European Journal of Human Genetics, 2003, 11, 845-850.	2.8	29
553	Two-locus Linkage Analysis Applied to Putative Quantitative Trait Loci for Lipoprotein(a) Levels. Twin Research and Human Genetics, 2003, 6, 322-324.	1.0	10
554	A common variant of the methylenetetrahydrofolate reductase gene (1p36) is associated with an increased risk of cancer. Cancer Research, 2003, 63, 1249-53.	0.9	106
555	Heritabilities of Apolipoprotein and Lipid Levels in Three Countries. Twin Research and Human Genetics, 2002, 5, 87-97.	1.0	72
556	Organisation of the human genome and our tools for identifying disease genes. Biological Psychology, 2002, 61, 11-31.	2.2	11
557	Association of ϵ APOE $\epsilon 2/\epsilon 3/\epsilon 4$ and promoter gene variants with dementia but not cardiovascular mortality in old age. American Journal of Medical Genetics Part A, 2002, 107, 201-208.	2.4	47
558	No increase in mortality and morbidity among carriers of the C282Y mutation of the hereditary haemochromatosis gene in the oldest old: the Leiden 85-plus Study. European Journal of Clinical Investigation, 2002, 32, 750-754.	3.4	42

#	ARTICLE	IF	CITATIONS
559	Association of the tumour necrosis factor $\hat{1}\pm \hat{\sim}308G/A$ polymorphism with the risk of diabetes in an elderly population-based cohort. <i>Genes and Immunity</i> , 2002, 3, 225-228.	4.1	57
560	Heritabilities of Apolipoprotein and Lipid Levels in Three Countries. <i>Twin Research and Human Genetics</i> , 2002, 5, 87-97.	1.0	111
561	A powerful and rapid approach to human genome scanning using small quantities of genomic DNA. <i>Genetical Research</i> , 2001, 77, 129-134.	0.9	16
562	IBD sharing around the PPARC locus is not increased in dizygotic twins or their mothers. <i>Nature Genetics</i> , 2001, 28, 315-315.	21.4	12
563	Netherlands twin family study of anxious depression (NETSAD). <i>Twin Research and Human Genetics</i> , 2000, 3, 323-334.	1.0	103
564	Genetic polymorphisms of the renin-angiotensin system and complications of insulin-dependent diabetes mellitus. <i>Nephrology Dialysis Transplantation</i> , 2000, 15, 1000-1007.	0.7	69
565	Detection of sequence variability of the collagen type II $\hat{1}\pm 1 3\hat{\epsilon}^2$ variable number of tandem repeat. <i>Electrophoresis</i> , 2000, 21, 3571-3577.	2.4	3
566	Common gene variants, mortality and extreme longevity in humans. <i>Experimental Gerontology</i> , 2000, 35, 865-877.	2.8	47
567	FISH analysis of six chromosomes in unfertilized human oocytes after polar body removal. <i>Journal of Assisted Reproduction and Genetics</i> , 2000, 17, 276-283.	2.5	19
568	Common paraoxonase gene variants, mortality risk and fatal cardiovascular events in elderly subjects. <i>Atherosclerosis</i> , 2000, 149, 91-97.	0.8	66
569	Genetics of Human Aging: The Search for Genes Contributing to Human Longevity and Diseases of the Old. <i>Annals of the New York Academy of Sciences</i> , 2000, 908, 50-63.	3.8	32
570	Zygoty diagnosis in young twins by parental report. <i>Twin Research and Human Genetics</i> , 2000, 3, 134-141.	1.0	94
571	Thermolabile methylenetetrahydrofolate reductase gene and the risk of cognitive impairment in those over 85. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999, 67, 535-538.	1.9	26
572	Haplotype analysis of three polymorphisms of the COL2A1 gene and associations with generalised radiological osteoarthritis. <i>Annals of Human Genetics</i> , 1999, 63, 393-400.	0.8	38
573	Mortality risk in men is associated with a common mutation in the methylenetetrahydrofolate reductase gene (MTHFR). <i>European Journal of Human Genetics</i> , 1999, 7, 197-204.	2.8	48
574	Heritabilities of radiologic osteoarthritis in peripheral joints and of disc degeneration of the spine. <i>Arthritis and Rheumatism</i> , 1999, 42, 1729-1735.	6.7	127
575	Variation in plasminogen-activator-inhibitor-1 gene and risk of meningococcal septic shock. <i>Lancet</i> , The, 1999, 354, 561-563.	13.7	227
576	Angiotensin converting enzyme and plasminogen activator inhibitor-1 gene variants: risk of mortality and fatal cardiovascular disease in an elderly population-based cohort. <i>Journal of the American College of Cardiology</i> , 1999, 34, 1176-1183.	2.8	32

#	ARTICLE	IF	CITATIONS
577	A genetic association study of the IGF-1 gene and radiological osteoarthritis in a population-based cohort study (the Rotterdam study). <i>Annals of the Rheumatic Diseases</i> , 1998, 57, 371-374.	0.9	61
578	The risk of mortality and the factor V Leiden mutation in a population-based cohort. <i>Thrombosis and Haemostasis</i> , 1998, 80, 607-9.	3.4	30
579	Genetic linkage analysis of 14 candidate gene loci in a family with autosomal dominant osteoarthritis without dysplasia.. <i>Journal of Medical Genetics</i> , 1997, 34, 1024-1027.	3.2	24
580	Genetics and Behavioral Medicine: Risk Factors for Cardiovascular Disease. <i>Behavioral Medicine</i> , 1997, 22, 141-149.	1.9	14
581	Investigation of the association of the CRTM and CRTL1 genes with radiographically evident osteoarthritis in subjects from the rotterdam study. <i>Arthritis and Rheumatism</i> , 1997, 40, 1760-1765.	6.7	47
582	Normal Prevalence of Factor V Leiden Gene Mutation in Patients with Severe Unstable Angina. <i>Thrombosis and Haemostasis</i> , 1997, 77, 1218-1218.	3.4	0
583	Population haplotype analysis and evolutionary relations of the COL2A1 gene. <i>Annals of Human Genetics</i> , 1996, 60, 189-199.	0.8	7
584	Active transposition in zebrafish.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 10870-10875.	7.1	46
585	Reduced Response to Activated Protein C Is Associated with Increased Risk for Cerebrovascular Disease. <i>Annals of Internal Medicine</i> , 1996, 125, 265.	3.9	107
586	Genetics of Ageing and Multifactorial Diseases. , 1996, , 1-14.		1
587	Human naive and memory T lymphocytes differ in telomeric length and replicative potential.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11091-11094.	7.1	394
588	Telomere length and replicative aging in human vascular tissues.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11190-11194.	7.1	587
589	Identification of differentially expressed genes by restriction endonuclease-based gene expression fingerprinting. <i>Nucleic Acids Research</i> , 1995, 23, 2954-2958.	14.5	72
590	High-yield noninvasive human genomic DNA isolation method for genetic studies in geographically dispersed families and populations. <i>American Journal of Human Genetics</i> , 1995, 57, 1252-4.	6.2	131
591	Dynamic changes in the higher-level chromatin organization of specific sequences revealed by in situ hybridization to nuclear halos.. <i>Journal of Cell Biology</i> , 1994, 126, 289-304.	5.2	150
592	FISH detection of trisomy 21 in interphase by the simultaneous use of two differentially labelled cosmid contigs.. <i>Journal of Medical Genetics</i> , 1994, 31, 679-685.	3.2	18
593	"Compensatory" uniparental disomy of chromosome 21 in two cases.. <i>Journal of Medical Genetics</i> , 1994, 31, 534-540.	3.2	35
594	Genome scanning of breast cancers by two-dimensional DNA typing. <i>British Journal of Cancer</i> , 1994, 69, 84-92.	6.4	18

#	ARTICLE	IF	CITATIONS
595	Genetic variation detected by quantitative analysis of end-labeled genomic DNA fragments.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 9052-9056.	7.1	42
596	Genetic determination of telomere size in humans: a twin study of three age groups. American Journal of Human Genetics, 1994, 55, 876-82.	6.2	572
597	Evolutionarily different alphoid repeat DNA on homologous chromosomes in human and chimpanzee.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3310-3314.	7.1	40
598	Long-distance restriction mapping of the proximal long arm of human chromosome 21 with Not I linking clones.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 23-27.	7.1	48
599	Poly(ADP-ribose) polymerase activity in mononuclear leukocytes of 13 mammalian species correlates with species-specific life span.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 11759-11763.	7.1	262
600	The Dynamics of Genome Organization and Expression during the Aging Process. Annals of the New York Academy of Sciences, 1992, 673, 58-69.	3.8	10
601	Somatic mutations and cellular aging: two-dimensional DNA typing of rat fibroblast clones. Mutation Research - DNAging, 1991, 256, 311-321.	3.2	7
602	Methylation status of cKi- ras and MHC genes in rat pituitary glands during aging and tumorigenesis. Aging Clinical and Experimental Research, 1991, 3, 141-146.	2.9	0
603	DNA Processing, Aging, and Cancer.. Annals of the New York Academy of Sciences, 1991, 621, 53-65.	3.8	0
604	The Barr body is a looped X chromosome formed by telomere association.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 6191-6195.	7.1	74
605	A genomic scanning method for higher organisms using restriction sites as landmarks.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 9523-9527.	7.1	326
606	Genome scanning by two-dimensional DNA typing: The use of repetitive DNA sequences for rapid mapping of genetic traits. Electrophoresis, 1991, 12, 119-134.	2.4	12
607	Four distinct alpha satellite subfamilies shared by human chromosomes 13, 14 and 21. Nucleic Acids Research, 1991, 19, 271-277.	14.5	48
608	A survey of the genomic distribution of alpha satellite DNA on all the human chromosomes, and derivation of a new consensus sequence. Nucleic Acids Research, 1991, 19, 1179-1182.	14.5	249
609	A homologous subfamily of satellite III DNA on human chromosomes 14 and 22. Nucleic Acids Research, 1990, 18, 5641-5648.	14.5	54
610	Messenger RNA levels and methylation patterns of GAPDH and β -actin genes in rat liver, spleen and brain in relation to aging. Mechanisms of Ageing and Development, 1990, 53, 243-257.	4.6	69
611	mRNA levels and methylation patterns of the tyrosine aminotransferase gene in aging inbred rats. FEBS Letters, 1990, 269, 128-130.	2.8	8
612	Quantitative comparison of mRNA levels in mammalian tissues: 28S ribosomal RNA level as an accurate internal control. Nucleic Acids Research, 1989, 17, 10137-10138.	14.5	115

#	ARTICLE	IF	CITATIONS
613	The <i>Caenorhabditis elegans</i> genome contains monomorphic minisatellites and simple sequences. <i>Nucleic Acids Research</i> , 1989, 17, 9527-9530.	14.5	23
614	Genetic instability and aging: theories, facts, and future perspectives. <i>Genome</i> , 1989, 31, 373-385.	2.0	49
615	Macromolecular organization of human centromeric regions reveals high-frequency, polymorphic macro DNA repeats.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 202-206.	7.1	66
616	Two-dimensional DNA fingerprinting of human individuals.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 2742-2746.	7.1	75
617	Human beta satellite DNA: genomic organization and sequence definition of a class of highly repetitive tandem DNA.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 6250-6254.	7.1	143
618	Homologous alpha satellite sequences on human acrocentric chromosomes with selectivity for chromosomes 13, 14 and 21: implications for recombination between nonhomologues and Robertsonian translocations. <i>Nucleic Acids Research</i> , 1988, 16, 1273-1284.	14.5	96
619	Rapid detection of human chromosome 21 aberrations by in situ hybridization.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 9664-9668.	7.1	254
620	Characterization of a human α -midisatellite TM sequence. <i>Nucleic Acids Research</i> , 1987, 15, 2537-2547.	14.5	64
621	Nucleotide sequence heterogeneity of alpha satellite repetitive DNA: a survey of alphoid sequences from different human chromosomes. <i>Nucleic Acids Research</i> , 1987, 15, 7549-7569.	14.5	197
622	Homologous subfamilies of human alphoid repetitive DNA on different nucleolus organizing chromosomes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 1075-1079.	7.1	103
623	Genomic organization of alpha satellite DNA on human chromosome 7: evidence for two distinct alphoid domains on a single chromosome.. <i>Molecular and Cellular Biology</i> , 1987, 7, 349-356.	2.3	227
624	DNA methods for detecting and analyzing mutations in vivo. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1987, 181, 227-234.	1.0	17
625	Cytogenetic analysis using quantitative, high-sensitivity, fluorescence hybridization.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 2934-2938.	7.1	3,003
626	Detection of restriction fragment length polymorphisms at the centromeres of human chromosomes by using chromosome-specific alpha satellite DNA probes: implications for development of centromere-based genetic linkage maps.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 5611-5615.	7.1	123
627	Sequence heterogeneity within the human alphoid repetitive DNA family. <i>Nucleic Acids Research</i> , 1986, 14, 2059-2073.	14.5	85