

Diana van Heemst

List of Publications by Year in Descending Order

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

154
papers

6,036
citations

37
h-index

75
g-index

166
ext. papers

8,327
ext. citations

7.8
avg, IF

5.83
L-index

#	Paper	IF	Citations
154	Associations of metabolomic profiles with circulating vitamin E and urinary vitamin E metabolites in middle-aged individuals. <i>Nutrition</i> , 2022 , 93, 111440	4.8	0
153	No effect of levothyroxine on hemoglobin in older adults with subclinical hypothyroidism: pooled results from two RCTs.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022 ,	5.6	1
152	Bone geometry in older adults with subclinical hypothyroidism upon levothyroxine therapy: A nested study within a randomized placebo controlled trial.. <i>Bone</i> , 2022 , 116404	4.7	2
151	Depression and Inflammatory Bowel Disease: A Bidirectional two-sample Mendelian Randomization Study. <i>Journal of Crohn's and Colitis</i> , 2021 ,	1.5	8
150	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	11.4	3
149	Diet-Derived Antioxidants Do Not Decrease Risk of Ischemic Stroke: A Mendelian Randomization Study in 1Million People. <i>Journal of the American Heart Association</i> , 2021 , 10, e022567	6	1
148	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021 , 13, 198	7.7	0
147	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	11.4	1
146	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
145	Genetically Determined Higher TSH Is Associated With a Lower Risk of Diabetes Mellitus in Individuals With Low BMI. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e2502-e2511	5.6	
144	Relationships Between 24-hour LH and Testosterone Concentrations and With Other Pituitary Hormones in Healthy Older Men. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvab075	0.4	1
143	Bone Markers Are Diminished in Offspring of Long-Lived Families Compared With Matched Controls, but Respond Equally to T3 and rhTSH. <i>Journal of the Endocrine Society</i> , 2021 , 5, A271-A272	0.4	78
142	Stratification of Type 2 Diabetes by Age of Diagnosis in the UK Biobank Reveals Subgroup-Specific Genetic Associations and Causal Risk Profiles. <i>Diabetes</i> , 2021 , 70, 1816-1825	0.9	3
141	Relationship Between 24-Hour Serum LH and Testosterone Concentrations and Their Interrelationships With Other Pituitary Hormones in Healthy Older Men. <i>Journal of the Endocrine Society</i> , 2021 , 5, A633-A633	0.4	78
140	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
139	Genetically Determined Serum Calcium Levels and Markers of Ventricular Repolarization: A Mendelian Randomization Study in the UK Biobank. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003231	5.2	2
138	Differential insulin sensitivity of NMR-based metabolomic measures in a two-step hyperinsulinemic euglycemic clamp study. <i>Metabolomics</i> , 2021 , 17, 57	4.7	

137	Urinary oxidized, but not enzymatic vitamin E metabolites are inversely associated with measures of glucose homeostasis in middle-aged healthy individuals. <i>Clinical Nutrition</i> , 2021 , 40, 4192-4200	5.9	3
136	Apolipoprotein E genotype, lifestyle and coronary artery disease: Gene-environment interaction analyses in the UK Biobank population. <i>Atherosclerosis</i> , 2021 , 328, 33-37	3.1	5
135	Design and rationale of a routine clinical care pathway and prospective cohort study in older patients needing intensive treatment. <i>BMC Geriatrics</i> , 2021 , 21, 29	4.1	4
134	Diet-Derived Circulating Antioxidants and Risk of Coronary Heart Disease: A Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 45-54	15.1	14
133	Within-Person Variation in Serum Thyrotropin Concentrations: Main Sources, Potential Underlying Biological Mechanisms, and Clinical Implications. <i>Frontiers in Endocrinology</i> , 2021 , 12, 619568	5.7	5
132	Association of measures of body fat with serum alpha-tocopherol and its metabolites in middle-aged individuals. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 2407-2415	4.5	0
131	Association of Thyroid Dysfunction With Cognitive Function: An Individual Participant Data Analysis. <i>JAMA Internal Medicine</i> , 2021 , 181, 1440-1450	11.5	4
130	Functional Changes of T-Cell Subsets with Age and CMV Infection. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
129	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021 , 53, 1311-1321	36.3	27
128	Lifestyle Risk Score: handling missingness of individual lifestyle components in meta-analysis of gene-by-lifestyle interactions. <i>European Journal of Human Genetics</i> , 2021 , 29, 839-850	5.3	
127	Determining the frequency of thyroid parameter measurements following rhTSH administration in a healthy, older population. <i>MethodsX</i> , 2021 , 8, 101400	1.9	
126	Classical risk factors for primary coronary artery disease from an aging perspective through Mendelian Randomization.. <i>GeroScience</i> , 2021 , 1	8.9	0
125	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , 2020 , 35, 685-697	12.1	2
124	The role of C-reactive protein, adiponectin and leptin in the association between abdominal adiposity and insulin resistance in middle-aged individuals. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1306-1314	4.5	4
123	Repeat UVA exposure of human skin fibroblasts induces both a transitional and recovery DNA methylation response. <i>Epigenomics</i> , 2020 , 12, 563-573	4.4	1
122	Metabolomics analyses in non-diabetic middle-aged individuals reveal metabolites impacting early glucose disturbances and insulin sensitivity. <i>Metabolomics</i> , 2020 , 16, 35	4.7	3
121	Proteome-wide assessment of diabetes mellitus in Qatari identifies IGFBP-2 as a risk factor already with early glycaemic disturbances. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 689, 108476	4.1	5
120	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020 , 106, 389-404	11	40

119	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drug-metabolite atlas. <i>Nature Medicine</i> , 2020 , 26, 110-117	50.5	19
118	Lifestyle-Intervention-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	5.9	3
117	Circulating angiopoietin-2 and angiogenic microRNAs associate with cerebral small vessel disease and cognitive decline in older patients reaching end stage renal disease. <i>Nephrology Dialysis Transplantation</i> , 2020 ,	4.3	1
116	Skeletal Effects of Levothyroxine for Subclinical Hypothyroidism in Older Adults: A TRUST Randomized Trial Nested Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	10
115	Ageing, age-related diseases and oxidative stress: What to do next?. <i>Ageing Research Reviews</i> , 2020 , 57, 100982	12	138
114	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,	5.6	7
113	A Workflow for Missing Values Imputation of Untargeted Metabolomics Data. <i>Metabolites</i> , 2020 , 10,	5.6	5
112	Circulating Thyroid Hormone Profile in Response to a Triiodothyronine Challenge in Familial Longevity. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvaa117	0.4	0
111	Activity recognition using wearable sensors for tracking the elderly. <i>User Modeling and User-Adapted Interaction</i> , 2020 , 30, 567-605	3.9	13
110	The contribution of tissue-grouped BMI-associated gene sets to cardiometabolic-disease risk: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2020 , 49, 1246-1256	7.8	1
109	Associations between outdoor temperature and bright sunlight with metabolites in two population-based European cohorts. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 2252-2261	4.5	3
108	Associations between Lifestyle Factors and Vitamin E Metabolites in the General Population. <i>Antioxidants</i> , 2020 , 9,	7.1	2
107	Familial Longevity is Associated with an Attenuated Thyroidal Response to Recombinant Human Thyroid Stimulating Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	4
106	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019 , 34, 1055-1074	12.1	10
105	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , 2019 , 2, e1910915	10.4	14
104	Viewpoint on the role of tissue maintenance in ageing: focus on biomarkers of bone, cartilage, muscle, and brain tissue maintenance. <i>Ageing Research Reviews</i> , 2019 , 56, 100964	12	4
103	The Association between Adult Weight Gain and Insulin Resistance at Middle Age: Mediation by Visceral Fat and Liver Fat. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
102	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39

101	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
100	BMI-associated gene variants in and cardiometabolic and brain disease: obesity or pleiotropy?. <i>Physiological Genomics</i> , 2019 , 51, 311-322	3.6	6
99	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 437-450	7	22
98	Associations of Outdoor Temperature, Bright Sunlight, and Cardiometabolic Traits in Two European Population-Based Cohorts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2903-2910	5.6	9
97	Comparing Methods for Measurement Error Detection in Serial 24-h Hormonal Data. <i>Journal of Biological Rhythms</i> , 2019 , 34, 347-363	3.2	5
96	Are skin senescence and immunosenescence linked within individuals?. <i>Aging Cell</i> , 2019 , 18, e12956	9.9	14
95	The Association between Habitual Sleep Duration and Sleep Quality with Glycemic Traits: Assessment by Cross-Sectional and Mendelian Randomization Analyses. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
94	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	4.7	24
93	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59
92	Adult weight change in relation to visceral fat and liver fat at middle age: The Netherlands epidemiology of obesity study. <i>International Journal of Obesity</i> , 2019 , 43, 790-799	5.5	6
91	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019 , 10, 3346	17.4	89
90	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019 , 2, 285	6.7	14
89	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
88	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. <i>Scientific Reports</i> , 2019 , 9, 11623	4.9	2
87	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3118-3131	15.1	12
86	Association Between Levothyroxine Treatment and Thyroid-Related Symptoms Among Adults Aged 80 Years and Older With Subclinical Hypothyroidism. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1977-1986	27.4	47
85	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019 , 10, 5121	17.4	31
84	Senescent human melanocytes drive skin ageing via paracrine telomere dysfunction. <i>EMBO Journal</i> , 2019 , 38, e101982	13	69

83 Growth Hormone and Mammalian Aging **2019**, 171-171

82	Spatial QRS-T Angle and Cognitive Decline in Older Subjects. <i>Journal of Alzheimer's Disease</i> , 2019 , 67, 279-289	4.3	6
81	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019 , 104, 112-138	11	54
80	Mendelian randomization reveals unexpected effects of CETP on the lipoprotein profile. <i>European Journal of Human Genetics</i> , 2019 , 27, 422-431	5.3	18
79	Associations of sleep duration and quality with serum and hepatic lipids: The Netherlands Epidemiology of Obesity Study. <i>Journal of Sleep Research</i> , 2019 , 28, e12776	5.8	6
78	The 24-hour serum profiles of bone markers in healthy older men and women. <i>Bone</i> , 2019 , 120, 61-69	4.7	12
77	Stress evokes stronger medial posterior cingulate deactivations during emotional distraction in slower paced aging. <i>Biological Psychology</i> , 2018 , 135, 84-92	3.2	5
76	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
75	Thyroid Stimulating Hormone and Bone Mineral Density: Evidence From a Two-Sample Mendelian Randomization Study and a Candidate Gene Association Study. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1318-1325	6.3	18
74	Facial Wrinkles in Europeans: A Genome-Wide Association Study. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1877-1880	4.3	4
73	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018 , 61, 117-129	10.3	21
72	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	5.7	4
71	Do senescence markers correlate in vitro and in situ within individual human donors?. <i>Aging</i> , 2018 , 10, 278-289	5.6	11
70	P2-274: MAPPING OF NATRIURETIC PEPTIDES AND THEIR RECEPTORS IN THE BRAINS OF NON-DEMENTED HUMAN SUBJECTS AND PATIENTS WITH ALZHEIMER'S DISEASE 2018 , 14, P782-P783		
69	Natriuretic Peptides in Post-mortem Brain Tissue and Cerebrospinal Fluid of Non-demented Humans and Alzheimer's Disease Patients. <i>Frontiers in Neuroscience</i> , 2018 , 12, 864	5.1	4
68	The Relation Between Thyroid Function and Anemia: A Pooled Analysis of Individual Participant Data. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3658-3667	5.6	19
67	Habitual Sleep Measures are Associated with Overall Body Fat, and not Specifically with Visceral Fat, in Men and Women. <i>Obesity</i> , 2018 , 26, 1651-1658	8	6
66	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018 , 9, 4455	17.4	75

65	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018 , 103, 691-706	11	151
64	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	5.8	5
63	Left Ventricular Hypertrophy and Cognitive Decline in Old Age. <i>Journal of Alzheimer's Disease</i> , 2017 , 58, 275-283	4.3	10
62	Thyroid Signaling, Insulin Resistance, and 2 Diabetes Mellitus: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1960-1970	5.6	28
61	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017 , 49, 131-138	36.3	252
60	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017 , 49, 139-145	36.3	240
59	Homocysteine levels associate with subtle changes in leukocyte DNA methylation: an epigenome-wide analysis. <i>Epigenomics</i> , 2017 , 9, 1403-1422	4.4	4
58	Impact of age, sex and body mass index on cortisol secretion in 143 healthy adults. <i>Endocrine Connections</i> , 2017 , 6, 500-509	3.5	36
57	Effects of intranasal insulin application on the hypothalamic BOLD response to glucose ingestion. <i>Scientific Reports</i> , 2017 , 7, 13327	4.9	10
56	Poor sleep quality and later sleep timing are risk factors for osteopenia and sarcopenia in middle-aged men and women: The NEO study. <i>PLoS ONE</i> , 2017 , 12, e0176685	3.7	49
55	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	4.3	4
54	Systemic Age-Associated DNA Hypermethylation of ELOVL2 Gene: In Vivo and In Vitro Evidences of a Cell Replication Process. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1015-1023	6.4	50
53	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	5.7	4
52	Genetically defined elevated homocysteine levels do not result in widespread changes of DNA methylation in leukocytes. <i>PLoS ONE</i> , 2017 , 12, e0182472	3.7	8
51	Effect of intranasally administered insulin on cerebral blood flow and perfusion; a randomized experiment in young and older adults. <i>Aging</i> , 2017 , 9, 790-802	5.6	21
50	Thyroid status and mortality in nonagenarians from long-lived families and the general population. <i>Aging</i> , 2017 , 9, 2223-2234	5.6	12
49	Thyroid Status and Mortality Risk in Older Adults With Normal Thyrotropin: Sex Differences in the Milan Geriatrics 75+ Cohort Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 554-559	6.4	2
48	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, 1022-8	6.4	33

47	10-Second heart rate variability and cognitive function in old age. <i>Neurology</i> , 2016 , 86, 1120-7	6.5	36
46	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494	17.4	107
45	Association between the rs7903146 Polymorphism in the TCF7L2 Gene and Parameters Derived with Continuous Glucose Monitoring in Individuals without Diabetes. <i>PLoS ONE</i> , 2016 , 11, e0149992	3.7	8
44	Metabolic effects of a 13-weeks lifestyle intervention in older adults: The Growing Old Together Study. <i>Aging</i> , 2016 , 8, 111-26	5.6	17
43	Measuring aging rates of mice subjected to caloric restriction and genetic disruption of growth hormone signaling. <i>Aging</i> , 2016 , 8, 539-46	5.6	20
42	Assessment of the contribution of APOE gene variants to metabolic phenotypes associated with familial longevity at middle age. <i>Aging</i> , 2016 , 8, 1790-801	5.6	4
41	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	7.6	28
40	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	5.7	1
39	Classification for Longevity Potential: The Use of Novel Biomarkers. <i>Frontiers in Public Health</i> , 2016 , 4, 233	6	7
38	Growth hormone secretion is diminished and tightly controlled in humans enriched for familial longevity. <i>Aging Cell</i> , 2016 , 15, 1126-1131	9.9	49
37	The effect of standardized food intake on the association between BMI and H-NMR metabolites. <i>Scientific Reports</i> , 2016 , 6, 38980	4.9	9
36	Natriuretic peptides in the central nervous system: Novel targets for cognitive impairment. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 148-156	9	19
35	The MC1R Gene and Youthful Looks. <i>Current Biology</i> , 2016 , 26, 1213-20	6.3	42
34	Employing biomarkers of healthy ageing for leveraging genetic studies into human longevity. <i>Experimental Gerontology</i> , 2016 , 82, 166-74	4.5	21
33	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016 , 17, 191	18.3	80
32	Measuring senescence rates of patients with end-stage renal disease while accounting for population heterogeneity: an analysis of data from the ERA-EDTA Registry. <i>Annals of Epidemiology</i> , 2016 , 26, 773-779	6.4	1
31	Blood lipids influence DNA methylation in circulating cells. <i>Genome Biology</i> , 2016 , 17, 138	18.3	118
30	Genomewide meta-analysis identifies loci associated with IGF-I and IGFBP-3 levels with impact on age-related traits. <i>Aging Cell</i> , 2016 , 15, 811-24	9.9	71

29	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	4.3	80
28	Handgrip strength, ageing and mortality in rural Africa. <i>Age and Ageing</i> , 2015 , 44, 465-70	3	41
27	Insulin, aging, and the brain: mechanisms and implications. <i>Frontiers in Endocrinology</i> , 2015 , 6, 13	5.7	62
26	Disentangling the effects of circulating IGF-1, glucose, and cortisol on features of perceived age. <i>Age</i> , 2015 , 37, 9771		4
25	Familial Longevity Is Associated With Higher TSH Secretion and Strong TSH-FT3 Relationship. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3806-13	5.6	26
24	Characterization of the Hypothalamic-Pituitary-Adrenal-Axis in Familial Longevity under Resting Conditions. <i>PLoS ONE</i> , 2015 , 10, e0133119	3.7	8
23	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, 956-63	5.6	37
22	IL7R gene expression network associates with human healthy ageing. <i>Immunity and Ageing</i> , 2015 , 12, 21	9.7	29
21	Accuracy of Continuous Glucose Monitoring Measurements in Normo-Glycemic Individuals. <i>PLoS ONE</i> , 2015 , 10, e0139973	3.7	23
20	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, 4420-32	5.6	188
19	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
18	Acute stress-induced cortisol elevations mediate reward system activity during subconscious processing of sexual stimuli. <i>Psychoneuroendocrinology</i> , 2014 , 39, 111-120	5	42
17	Renal function in familial longevity: the Leiden Longevity Study. <i>Experimental Gerontology</i> , 2014 , 51, 65-70	4.5	3
16	Association of liver enzymes and computed tomography markers of liver steatosis with familial longevity. <i>PLoS ONE</i> , 2014 , 9, e91085	3.7	8
15	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	7.6	17
14	High serum glucose levels are associated with a higher perceived age. <i>Age</i> , 2013 , 35, 189-95		29
13	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	7.6	88
12	Serum triiodothyronine levels and inflammatory cytokine production capacity. <i>Age</i> , 2012 , 34, 195-201		23

11	Familial longevity is marked by lower diurnal salivary cortisol levels: the Leiden Longevity Study. <i>PLoS ONE</i> , 2012 , 7, e31166	3.7	22
10	C-reactive protein and glucose regulation in familial longevity. <i>Age</i> , 2011 , 33, 623-30		11
9	Insulin, IGF-1 and longevity 2010 , 1, 147-57		67
8	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, 1634-7	5.6	197
7	Biology of cancer and ageing. <i>European Journal of Cancer</i> , 2009 , 45 Suppl 1, 414-5	7.5	15
6	Influence of the TP53 codon 72 polymorphism on the cellular responses to X-irradiation in fibroblasts from nonagenarians. <i>Mechanisms of Ageing and Development</i> , 2008 , 129, 175-82	5.6	16
5	Genetic variants in the glucocorticoid receptor gene (NR3C1) and cardiovascular disease risk. The Leiden 85-plus Study. <i>Biogerontology</i> , 2006 , 7, 231-8	4.5	34
4	Reduced insulin/IGF-1 signalling and human longevity. <i>Aging Cell</i> , 2005 , 4, 79-85	9.9	254
3	Variation in the human TP53 gene affects old age survival and cancer mortality. <i>Experimental Gerontology</i> , 2005 , 40, 11-5	4.5	172
2	Variation in the SHC1 gene and longevity in humans. <i>Experimental Gerontology</i> , 2004 , 39, 263-8	4.5	22
1	Multi-ancestry analysis of gene-sleep interactions in 126,926 individuals identifies multiple novel blood lipid loci that contribute to our understanding of sleep-associated adverse blood lipid profile		1