

# Diana van Heemst

## List of Publications by Year in descending order

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Version: 2024-02-01

160  
papers

9,822  
citations

66343

42  
h-index

48315

88  
g-index

166  
all docs

166  
docs citations

166  
times ranked

19097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thyroid Function and Risk of Anemia: A Multivariable-Adjusted and Mendelian Randomization Analysis in the UK Biobank. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e643-e652.	3.6	8
2	Associations of metabolomic profiles with circulating vitamin E and urinary vitamin E metabolites in middle-aged individuals. <i>Nutrition</i> , 2022, 93, 111440.	2.4	1
3	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> , 2022, 37, 498-506.	0.7	11
4	Depression and Inflammatory Bowel Disease: A Bidirectional Two-sample Mendelian Randomization Study. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 633-642.	1.3	60
5	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
6	No Effect of Levothyroxine on Hemoglobin in Older Adults With Subclinical Hypothyroidism: Pooled Results From 2 Randomized Controlled Trials. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2339-e2347.	3.6	4
7	Bone geometry in older adults with subclinical hypothyroidism upon levothyroxine therapy: A nested study within a randomized placebo controlled trial. <i>Bone</i> , 2022, 161, 116404.	2.9	6
8	Classical risk factors for primary coronary artery disease from an aging perspective through Mendelian Randomization. <i>GeroScience</i> , 2022, 44, 1703-1713.	4.6	8
9	Clustered Mendelian randomization analyses identify distinct and opposing pathways in the association between genetically influenced insulin-like growth factor-1 and type 2 diabetes mellitus. <i>International Journal of Epidemiology</i> , 2022, 51, 1874-1885.	1.9	7
10	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.	2.7	12
11	Diet-Derived Circulating Antioxidants and Risk of Coronary Heart Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 45-54.	2.8	62
12	Within-Person Variation in Serum Thyrotropin Concentrations: Main Sources, Potential Underlying Biological Mechanisms, and Clinical Implications. <i>Frontiers in Endocrinology</i> , 2021, 12, 619568.	3.5	25
13	Common Genetic Variation in MC4R Does Not Affect Atherosclerotic Plaque Phenotypes and Cardiovascular Disease Outcomes. <i>Journal of Clinical Medicine</i> , 2021, 10, 932.	2.4	3
14	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
15	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	7.9	13
16	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.	3.6	2
17	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.	0.2	1
18	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.	0.2	0

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19	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.	0.6	17
20	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.	0.2	0
21	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
22	BS8â€¦Genetically-determined serum calcium levels influence markers of ventricular repolarisation: a mendelian randomisation study. , 2021, , .		0
23	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.	3.6	11
24	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
25	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.	5.0	6
26	Apolipoprotein E genotype, lifestyle and coronary artery disease: Gene-environment interaction analyses in the UK Biobank population. <i>Atherosclerosis</i> , 2021, 328, 33-37.	0.8	13
27	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.	2.6	2
28	Association of Thyroid Dysfunction With Cognitive Function. <i>JAMA Internal Medicine</i> , 2021, 181, 1440.	5.1	51
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	454Relationships between sleep traits and metabolic profiles: evidence from multivariable regression and Mendelian randomization analyses. <i>International Journal of Epidemiology</i> , 2021, 50, .	1.9	1
31	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	21.4	218
32	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.	2.8	0
33	Determining the frequency of thyroid parameter measurements following rhTSH administration in a healthy, older population. <i>MethodsX</i> , 2021, 8, 101400.	1.6	0
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	Dietâ€¦Derived Antioxidants Do Not Decrease Risk of Ischemic Stroke: A Mendelian Randomization Study in 1ÂMillion People. <i>Journal of the American Heart Association</i> , 2021, 10, e022567.	3.7	11

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37	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, 336-343.	3.6	19
38	Ageing, age-related diseases and oxidative stress: What to do next?. <i>Ageing Research Reviews</i> , 2020, 57, 100982.	10.9	321
39	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
40	A Workflow for Missing Values Imputation of Untargeted Metabolomics Data. <i>Metabolites</i> , 2020, 10, 486.	2.9	20
41	Circulating Thyroid Hormone Profile in Response to a Triiodothyronine Challenge in Familial Longevity. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa117.	0.2	2
42	Activity recognition using wearable sensors for tracking the elderly. <i>User Modeling and User-Adapted Interaction</i> , 2020, 30, 567-605.	3.8	30
43	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.	1.9	8
44	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.	2.6	4
45	Associations between Lifestyle Factors and Vitamin E Metabolites in the General Population. <i>Antioxidants</i> , 2020, 9, 1280.	5.1	8
46	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.	5.7	9
47	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.	2.6	8
48	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
49	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
50	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.	3.0	7
51	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
52	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
53	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
54	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, e2572-e2580.	3.6	9

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55	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.	3.4	11
56	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
57	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	4.4	27
58	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019, 10, 3669.	12.8	214
59	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
60	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.	2.8	27
61	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.	7.4	78
62	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.	12.8	62
63	Senescent human melanocytes drive skin ageing via paracrine telomere dysfunction. <i>EMBO Journal</i> , 2019, 38, e101982.	7.8	136
64	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
65	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. <i>JAMA Network Open</i> , 2019, 2, e1910915.	5.9	41
66	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.	10.9	8
67	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, 1559.	2.4	16
68	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	3.4	85
69	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	12.8	64
70	BMI-associated gene variants in FTO and cardiometabolic and brain disease: obesity or pleiotropy?. <i>Physiological Genomics</i> , 2019, 51, 311-322.	2.3	12
71	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.	4.7	46
72	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.	3.6	11

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73	Comparing Methods for Measurement Error Detection in Serial 24-h Hormonal Data. <i>Journal of Biological Rhythms</i> , 2019, 34, 347-363.	2.6	10
74	Are skin senescence and immunosenescence linked within individuals?. <i>Aging Cell</i> , 2019, 18, e12956.	6.7	22
75	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, 682.	2.4	14
76	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
77	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.	21.4	112
78	Spatial QRS-T Angle and Cognitive Decline in Older Subjects. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 279-289.	2.6	12
79	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.	6.2	106
80	Mendelian randomization reveals unexpected effects of CETP on the lipoprotein profile. <i>European Journal of Human Genetics</i> , 2019, 27, 422-431.	2.8	30
81	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.	3.2	14
82	The 24-hour serum profiles of bone markers in healthy older men and women. <i>Bone</i> , 2019, 120, 61-69.	2.9	22
83	Growth Hormone and Mammalian Aging. , 2019, , 171-171.		0
84	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
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	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.	2.8	25
87	Facial Wrinkles in Europeans: A Genome-Wide Association Study. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1877-1880.	0.7	8
88	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018, 61, 117-129.	6.3	32
89	P274: MAPPING OF NATRIURETIC PEPTIDES AND THEIR RECEPTORS IN THE BRAINS OF NON-DEMENTED HUMAN SUBJECTS AND PATIENTS WITH ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P782.	0.8	0
90	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.	2.8	13

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91	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.	3.6	39
92	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.	3.0	11
93	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	12.8	181
94	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.	6.2	326
95	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
96	Do senescence markers correlate in vitro and in situ within individual human donors?. <i>Aging</i> , 2018, 10, 278-289.	3.1	16
97	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, glw113.	3.6	5
98	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
99	Left Ventricular Hypertrophy and Cognitive Decline in Old Age. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 275-283.	2.6	17
100	Thyroid Signaling, Insulin Resistance, and 2 Diabetes Mellitus: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1960-1970.	3.6	33
101	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017, 49, 131-138.	21.4	390
102	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017, 49, 139-145.	21.4	363
103	Homocysteine levels associate with subtle changes in leukocyte DNA methylation: an epigenome-wide analysis. <i>Epigenomics</i> , 2017, 9, 1403-1422.	2.1	6
104	Impact of age, sex and body mass index on cortisol secretion in 143 healthy adults. <i>Endocrine Connections</i> , 2017, 6, 500-509.	1.9	64
105	Effects of intranasal insulin application on the hypothalamic BOLD response to glucose ingestion. <i>Scientific Reports</i> , 2017, 7, 13327.	3.3	15
106	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
107	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.	3.6	66
108	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

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109	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.	2.5	74
110	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
111	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.	3.1	35
112	Thyroid status and mortality in nonagenarians from long-lived families and the general population. <i>Aging</i> , 2017, 9, 2223-2234.	3.1	17
113	Familial Longevity Is Not Associated with Major Differences in the Hypothalamicâ€“Pituitaryâ€“Gonadal Axis in Healthy Middle-Aged Men. <i>Frontiers in Endocrinology</i> , 2016, 7, 143.	3.5	1
114	Classification for Longevity Potential: The Use of Novel Biomarkers. <i>Frontiers in Public Health</i> , 2016, 4, 233.	2.7	8
115	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
116	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
117	Natriuretic peptides in the central nervous system: Novel targets for cognitive impairment. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 148-156.	6.1	28
118	The MC1R Gene and Youthful Looks. <i>Current Biology</i> , 2016, 26, 1213-1220.	3.9	64
119	Employing biomarkers of healthy ageing for leveraging genetic studies into human longevity. <i>Experimental Gerontology</i> , 2016, 82, 166-174.	2.8	27
120	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016, 17, 191.	8.8	120
121	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.	1.9	1
122	Blood lipids influence DNA methylation in circulating cells. <i>Genome Biology</i> , 2016, 17, 138.	8.8	154
123	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
124	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
125	10-Second heart rate variability and cognitive function in old age. <i>Neurology</i> , 2016, 86, 1120-1127.	1.1	52
126	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	12.8	153



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127	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.	2.5	16
128	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
129	Measuring aging rates of mice subjected to caloric restriction and genetic disruption of growth hormone signaling. <i>Aging</i> , 2016, 8, 539-546.	3.1	23
130	Assessment of the contribution of APOE gene variants to metabolic phenotypes associated with familial longevity at middle age. <i>Aging</i> , 2016, 8, 1790-1801.	3.1	7
131	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
132	Characterization of the Hypothalamic-Pituitary-Adrenal-Axis in Familial Longevity under Resting Conditions. <i>PLoS ONE</i> , 2015, 10, e0133119.	2.5	9
133	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
134	IL7R gene expression network associates with human healthy ageing. <i>Immunity and Ageing</i> , 2015, 12, 21.	4.2	39
135	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
136	Handgrip strength, ageing and mortality in rural Africa. <i>Age and Ageing</i> , 2015, 44, 465-470.	1.6	53
137	Insulin, Aging, and the Brain: Mechanisms and Implications. <i>Frontiers in Endocrinology</i> , 2015, 6, 13.	3.5	91
138	Disentangling the effects of circulating IGF-1, glucose, and cortisol on features of perceived age. <i>Age</i> , 2015, 37, 9771.	3.0	6
139	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
140	Accuracy of Continuous Glucose Monitoring Measurements in Normo-Glycemic Individuals. <i>PLoS ONE</i> , 2015, 10, e0139973.	2.5	39
141	Renal function in familial longevity: the Leiden Longevity Study. <i>Experimental Gerontology</i> , 2014, 51, 65-70.	2.8	5
142	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
143	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
144	Acute stress-induced cortisol elevations mediate reward system activity during subconscious processing of sexual stimuli. <i>Psychoneuroendocrinology</i> , 2014, 39, 111-120.	2.7	56

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145	Association of Liver Enzymes and Computed Tomography Markers of Liver Steatosis with Familial Longevity. PLoS ONE, 2014, 9, e91085.	2.5	8
146	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. Journal of Medical Internet Research, 2014, 16, e265.	4.3	22
147	High serum glucose levels are associated with a higher perceived age. Age, 2013, 35, 189-195.	3.0	39
148	Effects of a Web-Based Intervention on Physical Activity and Metabolism in Older Adults: Randomized Controlled Trial. Journal of Medical Internet Research, 2013, 15, e233.	4.3	130
149	Familial Longevity Is Marked by Lower Diurnal Salivary Cortisol Levels: The Leiden Longevity Study. PLoS ONE, 2012, 7, e31166.	2.5	26
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