

Diana van Heemst

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

9,822
citations

66315

42
h-index

48277

88
g-index

166
all docs

166
docs citations

166
times ranked

19097
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
2	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017, 49, 131-138.	9.4	390
3	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017, 49, 139-145.	9.4	363
4	The trans-ancestral genomic architecture of glyceic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
5	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.	2.6	326
6	Ageing, age-related diseases and oxidative stress: What to do next?. <i>Ageing Research Reviews</i> , 2020, 57, 100982.	5.0	321
7	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.	5.8	295
8	Reduced insulin/IGF-1 signalling and human longevity. <i>Aging Cell</i> , 2005, 4, 79-85.	3.0	288
9	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.	1.3	258
10	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.	1.4	227
11	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	9.4	218
12	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019, 10, 3669.	5.8	214
13	Variation in the human TP53 gene affects old age survival and cancer mortality. <i>Experimental Gerontology</i> , 2005, 40, 11-15.	1.2	196
14	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019, 10, 3346.	5.8	188
15	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	5.8	181
16	Blood lipids influence DNA methylation in circulating cells. <i>Genome Biology</i> , 2016, 17, 138.	3.8	154
17	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	5.8	153
18	Senescent human melanocytes drive skin ageing via paracrine telomere dysfunction. <i>EMBO Journal</i> , 2019, 38, e101982.	3.5	136

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19	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.	2.1	130
20	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016, 17, 191.	3.8	120
21	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020, 106, 389-404.	2.6	118
22	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.	0.3	117
23	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.	9.4	112
24	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.	2.6	106
25	Insulin, Aging, and the Brain: Mechanisms and Implications. <i>Frontiers in Endocrinology</i> , 2015, 6, 13.	1.5	91
26	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	1.6	85
27	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.	3.0	83
28	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.	3.8	78
29	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.	1.1	74
30	Insulin, IGF-1 and longevity. , 2010, 1, 147-57.		70
31	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.	1.7	66
32	The MC1R Gene and Youthful Looks. <i>Current Biology</i> , 2016, 26, 1213-1220.	1.8	64
33	Impact of age, sex and body mass index on cortisol secretion in 143 healthy adults. <i>Endocrine Connections</i> , 2017, 6, 500-509.	0.8	64
34	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	5.8	64
35	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.	1.7	62
36	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.	5.8	62

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37	Diet-Derived Circulating Antioxidants and Risk of Coronary Heart Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 45-54.	1.2	62
38	Depression and Inflammatory Bowel Disease: A Bidirectional Two-sample Mendelian Randomization Study. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 633-642.	0.6	60
39	Growth hormone secretion is diminished and tightly controlled in humans enriched for familial longevity. <i>Aging Cell</i> , 2016, 15, 1126-1131.	3.0	59
40	Acute stress-induced cortisol elevations mediate reward system activity during subconscious processing of sexual stimuli. <i>Psychoneuroendocrinology</i> , 2014, 39, 111-120.	1.3	56
41	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.	1.4	55
42	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drug-metabolite atlas. <i>Nature Medicine</i> , 2020, 26, 110-117.	15.2	54
43	Handgrip strength, ageing and mortality in rural Africa. <i>Age and Ageing</i> , 2015, 44, 465-470.	0.7	53
44	10-Second heart rate variability and cognitive function in old age. <i>Neurology</i> , 2016, 86, 1120-1127.	1.5	52
45	Association of Thyroid Dysfunction With Cognitive Function. <i>JAMA Internal Medicine</i> , 2021, 181, 1440.	2.6	51
46	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.	2.1	50
47	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.	2.2	46
48	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. <i>JAMA Network Open</i> , 2019, 2, e1910915.	2.8	41
49	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.	1.4	41
50	Genetic variants in the glucocorticoid receptor gene (NR3C1) and cardiovascular disease risk. The Leiden 85-plus Study. <i>Biogerontology</i> , 2006, 7, 231-238.	2.0	39
51	High serum glucose levels are associated with a higher perceived age. <i>Age</i> , 2013, 35, 189-195.	3.0	39
52	IL7R gene expression network associates with human healthy ageing. <i>Immunity and Ageing</i> , 2015, 12, 21.	1.8	39
53	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.	1.8	39
54	Accuracy of Continuous Glucose Monitoring Measurements in Normo-Glycemic Individuals. <i>PLoS ONE</i> , 2015, 10, e0139973.	1.1	39

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55	Serum triiodothyronine levels and inflammatory cytokine production capacity. <i>Age</i> , 2012, 34, 195-201.	3.0	37
56	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.	1.8	35
57	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.	1.4	35
58	Thyroid Signaling, Insulin Resistance, and 2 Diabetes Mellitus: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1960-1970.	1.8	33
59	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018, 61, 117-129.	2.9	32
60	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019, 34, 1055-1074.	2.5	31
61	Mendelian randomization reveals unexpected effects of CETP on the lipoprotein profile. <i>European Journal of Human Genetics</i> , 2019, 27, 422-431.	1.4	30
62	Activity recognition using wearable sensors for tracking the elderly. <i>User Modeling and User-Adapted Interaction</i> , 2020, 30, 567-605.	2.9	30
63	Natriuretic peptides in the central nervous system: Novel targets for cognitive impairment. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 148-156.	2.9	28
64	Metabolic effects of a 13-weeks lifestyle intervention in older adults: The Growing Old Together Study. <i>Aging</i> , 2016, 8, 111-124.	1.4	28
65	Employing biomarkers of healthy ageing for leveraging genetic studies into human longevity. <i>Experimental Gerontology</i> , 2016, 82, 166-174.	1.2	27
66	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	2.0	27
67	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.	1.2	27
68	Familial Longevity Is Marked by Lower Diurnal Salivary Cortisol Levels: The Leiden Longevity Study. <i>PLoS ONE</i> , 2012, 7, e31166.	1.1	26
69	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.	3.1	25
70	Within-Person Variation in Serum Thyrotropin Concentrations: Main Sources, Potential Underlying Biological Mechanisms, and Clinical Implications. <i>Frontiers in Endocrinology</i> , 2021, 12, 619568.	1.5	25
71	Variation in the SHC1 gene and longevity in humans. <i>Experimental Gerontology</i> , 2004, 39, 263-268.	1.2	24
72	Measuring aging rates of mice subjected to caloric restriction and genetic disruption of growth hormone signaling. <i>Aging</i> , 2016, 8, 539-546.	1.4	23

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73	Are skin senescence and immunosenescence linked within individuals?. <i>Aging Cell</i> , 2019, 18, e12956.	3.0	22
74	The 24-hour serum profiles of bone markers in healthy older men and women. <i>Bone</i> , 2019, 120, 61-69.	1.4	22
75	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.	2.1	22
76	A Workflow for Missing Values Imputation of Untargeted Metabolomics Data. <i>Metabolites</i> , 2020, 10, 486.	1.3	20
77	Functional Changes of T-Cell Subsets with Age and CMV Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9973.	1.8	20
78	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.	1.8	19
79	Left Ventricular Hypertrophy and Cognitive Decline in Old Age. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 275-283.	1.2	17
80	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.	0.3	17
81	Thyroid status and mortality in nonagenarians from long-lived families and the general population. <i>Aging</i> , 2017, 9, 2223-2234.	1.4	17
82	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, 175-182.	2.2	16
83	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.	1.0	16
84	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.	1.1	16
85	Do senescence markers correlate in vitro and in situ within individual human donors?. <i>Aging</i> , 2018, 10, 278-289.	1.4	16
86	Biology of cancer and ageing. <i>European Journal of Cancer</i> , 2009, 45, 414-415.	1.3	15
87	Effects of intranasal insulin application on the hypothalamic BOLD response to glucose ingestion. <i>Scientific Reports</i> , 2017, 7, 13327.	1.6	15
88	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.	1.0	14
89	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.	1.7	14
90	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.	2.3	14

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91	C-reactive protein and glucose regulation in familial longevity. <i>Age</i> , 2011, 33, 623-630.	3.0	13
92	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.	1.5	13
93	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.	1.4	13
94	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. <i>Scientific Reports</i> , 2019, 9, 11623.	1.6	13
95	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	4.1	13
96	Apolipoprotein E genotype, lifestyle and coronary artery disease: Gene-environment interaction analyses in the UK Biobank population. <i>Atherosclerosis</i> , 2021, 328, 33-37.	0.4	13
97	The effect of standardized food intake on the association between BMI and 1H-NMR metabolites. <i>Scientific Reports</i> , 2016, 6, 38980.	1.6	12
98	BMI-associated gene variants in FTO and cardiometabolic and brain disease: obesity or pleiotropy?. <i>Physiological Genomics</i> , 2019, 51, 311-322.	1.0	12
99	Spatial QRS-T Angle and Cognitive Decline in Older Subjects. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 279-289.	1.2	12
100	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.	1.1	12
101	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.	1.6	12
102	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.	1.5	11
103	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.	1.6	11
104	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.	1.8	11
105	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.	1.6	11
106	Circulating angiotensin-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.	0.4	11
107	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.	2.3	11
108	Diet-Derived Antioxidants Do Not Decrease Risk of Ischemic Stroke: A Mendelian Randomization Study in 1 Million People. <i>Journal of the American Heart Association</i> , 2021, 10, e022567.	1.6	11

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109	Comparing Methods for Measurement Error Detection in Serial 24-h Hormonal Data. <i>Journal of Biological Rhythms</i> , 2019, 34, 347-363.	1.4	10
110	Genetically defined elevated homocysteine levels do not result in widespread changes of DNA methylation in leukocytes. <i>PLoS ONE</i> , 2017, 12, e0182472.	1.1	10
111	Characterization of the Hypothalamic-Pituitary-Adrenal-Axis in Familial Longevity under Resting Conditions. <i>PLoS ONE</i> , 2015, 10, e0133119.	1.1	9
112	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.	1.5	9
113	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.	2.5	9
114	Metabolomics analyses in non-diabetic middle-aged individuals reveal metabolites impacting early glucose disturbances and insulin sensitivity. <i>Metabolomics</i> , 2020, 16, 35.	1.4	9
115	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.	1.8	9
116	Classification for Longevity Potential: The Use of Novel Biomarkers. <i>Frontiers in Public Health</i> , 2016, 4, 233.	1.3	8
117	Facial Wrinkles in Europeans: A Genome-Wide Association Study. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1877-1880.	0.3	8
118	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.	5.0	8
119	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.	0.9	8
120	Associations between Lifestyle Factors and Vitamin E Metabolites in the General Population. <i>Antioxidants</i> , 2020, 9, 1280.	2.2	8
121	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.	1.1	8
122	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.	1.8	8
123	Association of Liver Enzymes and Computed Tomography Markers of Liver Steatosis with Familial Longevity. <i>PLoS ONE</i> , 2014, 9, e91085.	1.1	8
124	Classical risk factors for primary coronary artery disease from an aging perspective through Mendelian Randomization. <i>GeroScience</i> , 2022, 44, 1703-1713.	2.1	8
125	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.	0.3	7
126	Stress evokes stronger medial posterior cingulate deactivations during emotional distraction in slower paced aging. <i>Biological Psychology</i> , 2018, 135, 84-92.	1.1	7

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127	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.	1.5	7
128	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.	1.8	7
129	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.	1.4	7
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.	1.4	7
131	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021, 13, 198.	1.8	7
132	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.	0.9	7
133	Disentangling the effects of circulating IGF-1, glucose, and cortisol on features of perceived age. <i>Age</i> , 2015, 37, 9771.	3.0	6
134	Homocysteine levels associate with subtle changes in leukocyte DNA methylation: an epigenome-wide analysis. <i>Epigenomics</i> , 2017, 9, 1403-1422.	1.0	6
135	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.	1.5	6
136	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.	2.3	6
137	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.	1.4	6
138	Renal function in familial longevity: the Leiden Longevity Study. <i>Experimental Gerontology</i> , 2014, 51, 65-70.	1.2	5
139	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.	1.7	5
140	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.	1.1	4
141	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.	1.8	4
142	Common Genetic Variation in MC4R Does Not Affect Atherosclerotic Plaque Phenotypes and Cardiovascular Disease Outcomes. <i>Journal of Clinical Medicine</i> , 2021, 10, 932.	1.0	3
143	Variation in DNA damage response pathway activity. <i>Cell Cycle</i> , 2011, 10, 1714-1714.	1.3	2
144	Circulating Thyroid Hormone Profile in Response to a Triiodothyronine Challenge in Familial Longevity. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa117.	0.1	2

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145	Repeat UVA exposure of human skin fibroblasts induces both a transitional and recovery DNA methylation response. <i>Epigenomics</i> , 2020, 12, 563-573.	1.0	2
146	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.	1.8	2
147	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.	1.1	2
148	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.	1.5	1
149	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.	0.9	1
150	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.	0.1	1
151	Relationships between sleep traits and metabolic profiles: evidence from multivariable regression and Mendelian randomization analyses. <i>International Journal of Epidemiology</i> , 2021, 50, .	0.9	1
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