Lene Christiansen

List of Publications by Year
in descending order

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66 papers	3,403 citations	236925 25 h-index	161849 54 g-index
68 all docs	68 docs citations	68 times ranked	7823 citing authors

#	Article	IF	Citations
1	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. Nature Genetics, 2018, 50, 912-919.	21.4	893
2	<scp>DNA</scp> methylation age is associated with mortality in aÂlongitudinal Danish twin study. Aging Cell, 2016, 15, 149-154.	6.7	260
3	Age- and Sex-differences in the Validity of Questionnaire-based Zygosity in Twins. Twin Research and Human Genetics, 2003, 6, 275-278.	1.0	227
4	A meta-analysis of genome-wide association studies identifies multiple longevity genes. Nature Communications, 2019, 10, 3669.	12.8	214
5	Novel loci and pathways significantly associated with longevity. Scientific Reports, 2016, 6, 21243.	3.3	145
6	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	2.9	143
7	APOEAlleles and Extreme Human Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 44-51.	3.6	99
8	Twin methodology in epigenetic studies. Journal of Experimental Biology, 2015, 218, 134-139.	1.7	92
9	Epigenetic drift in the aging genome: a ten-year follow-up in an elderly twin cohort. International Journal of Epidemiology, 2016, 45, dyw132.	1.9	82
10	Telomeres and the natural lifespan limit in humans. Aging, 2017, 9, 1130-1142.	3.1	82
11	Candidate Gene Polymorphisms in the Serotonergic Pathway: Influence on Depression Symptomatology in an Elderly Population. Biological Psychiatry, 2007, 61, 223-230.	1.3	77
12	Identification and characterization of two functional variants in the human longevity gene FOXO3. Nature Communications, 2017, 8, 2063.	12.8	69
13	DCAF4, a novel gene associated with leucocyte telomere length. Journal of Medical Genetics, 2015, 52, 157-162.	3.2	66
14	Heavier smoking may lead to a relative increase in waist circumference: evidence for a causal relationship from a Mendelian randomisation meta-analysis. The CARTA consortium: TableÂ1. BMJ Open, 2015, 5, e008808.	1.9	53
15	Epigenome-Wide Association Study of Cognitive Functioning in Middle-Aged Monozygotic Twins. Frontiers in Aging Neuroscience, 2017, 9, 413.	3.4	52
16	Epigenome-wide Association of DNA Methylation in Whole Blood With Bone Mineral Density. Journal of Bone and Mineral Research, 2017, 32, 1644-1650.	2.8	49
17	Stratification by Smoking Status Reveals an Association of CHRNA5-A3-B4 Genotype with Body Mass Index in Never Smokers. PLoS Genetics, 2014, 10, e1004799.	3.5	45
18	Genetic Variants in KLOTHO Associate With Cognitive Function in the Oldest Old Group. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1151-1159.	3.6	40

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19	Genome-wide DNA methylation profiling with MeDIP-seq using archived dried blood spots. Clinical Epigenetics, 2016, 8, 81.	4.1	36
20	Genetic and environmental influences on cardiovascular risk factors and cognitive function: A Chinese twin aging study. Geriatrics and Gerontology International, 2018, 18, 352-359.	1.5	32
21	Human longevity and variation in DNA damage response and repair: study of the contribution of sub-processes using competitive gene-set analysis. European Journal of Human Genetics, 2014, 22, 1131-1136.	2.8	31
22	On the power of epigenome-wide association studies using a disease-discordant twin design. Bioinformatics, 2018, 34, 4073-4078.	4.1	31
23	Differentially Methylated DNA Regions in Monozygotic Twin Pairs Discordant for Rheumatoid Arthritis: An Epigenome-Wide Study. Frontiers in Immunology, 2016, 7, 510.	4.8	29
24	Birth cohort differences in the prevalence of longevity-associated variants in APOE and FOXO3A in Danish long-lived individuals. Experimental Gerontology, 2014, 57, 41-46.	2.8	28
25	Identification, replication and characterization of epigenetic remodelling in the aging genome: a cross population analysis. Scientific Reports, 2017, 7, 8183.	3.3	27
26	DNA Methylation and All-Cause Mortality in Middle-Aged and Elderly Danish Twins. Genes, 2018, 9, 78.	2.4	27
27	Longitudinal changes in the genetic and environmental influences on the epigenetic clocks across old age: Evidence from two twin cohorts. EBioMedicine, 2019, 40, 710-716.	6.1	27
28	The genetic component of human longevity: New insights from the analysis of pathwayâ€based <scp>SNP</scp>â€<scp>SNP</scp> interactions. Aging Cell, 2018, 17, e12755.	6.7	24
29	DNA Methylation Changes in theIGF1RGene in Birth Weight Discordant Adult Monozygotic Twins. Twin Research and Human Genetics, 2015, 18, 635-646.	0.6	23
30	Data Resource Profile: The Copenhagen Hospital Biobank (CHB). International Journal of Epidemiology, 2021, 50, 719-720e.	1.9	23
31	The Catalase -262C/T Promoter Polymorphism and Aging Phenotypes. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, B886-B887.	3.6	22
32	Copy number variation associates with mortality in longâ€lived individuals: a genomeâ€wide assessment. Aging Cell, 2016, 15, 49-55.	6.7	21
33	Differentially Methylated Genomic Regions in Birthâ€Weight Discordant Twin Pairs. Annals of Human Genetics, 2016, 80, 81-87.	0.8	19
34	Lung function discordance in monozygotic twins and associated differences in blood DNA methylation. Clinical Epigenetics, 2017, 9, 132.	4.1	18
35	Age- and Sex-differences in the Validity of Questionnaire-based Zygosity in Twins. Twin Research and Human Genetics, 2003, 6, 275-278.	1.0	17
36	Epigenetic signature of preterm birth in adult twins. Clinical Epigenetics, 2018, 10, 87.	4.1	16

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37	DNA methylome profiling in identical twin pairs discordant for body mass index. International Journal of Obesity, 2019, 43, 2491-2499.	3.4	16
38	White blood cell mitochondrial DNA copy number is decreased in rheumatoid arthritis and linked with risk factors. A twin study. Journal of Autoimmunity, 2019, 96, 142-146.	6.5	16
39	Geneâ€“Environment Interplay in Physical, Psychological, and Cognitive Domains in Mid to Late Adulthood: Is APOE a Variability Gene?. Behavior Genetics, 2016, 46, 4-19.	2.1	14
40	Genetic interplay between human longevity and metabolic pathways â€” a largeâ€scale <scp>eQTL</scp> study. Aging Cell, 2017, 16, 716-725.	6.7	14
41	Exome-Wide Association Study Identifies FN3KRP and PGP as New Candidate Longevity Genes. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 786-795.	3.6	14
42	DNA methylation age and perceived age in elderly Danish twins. Mechanisms of Ageing and Development, 2018, 169, 40-44.	4.6	13
43	DNA methylome profiling of all-cause mortality in comparison with age-associated methylation patterns. Clinical Epigenetics, 2019, 11, 23.	4.1	13
44	Change in Depression Symptomatology and Cognitive Function in Twins: A 10-Year Follow-Up Study. Twin Research and Human Genetics, 2016, 19, 104-111.	0.6	11
45	GÃ—E Interaction Influences Trajectories of Hand Grip Strength. Behavior Genetics, 2016, 46, 20-30.	2.1	11
46	The APP A673T frequency differs between Nordic countries. Neurobiology of Aging, 2015, 36, 2909.e1-2909.e4.	3.1	10
47	Global expression profiling of cognitive level and decline in middle-aged monozygotic twins. Neurobiology of Aging, 2019, 84, 141-147.	3.1	10
48	Investigation of the 5q33.3 longevity locus and age-related phenotypes. Aging, 2017, 9, 247-255.	3.1	10
49	No Association between Variation in Longevity Candidate Genes and Aging-related Phenotypes in Oldest-old Danes. Experimental Gerontology, 2016, 78, 57-61.	2.8	9
50	Circulating, Cell-Free Micro-RNA Profiles Reflect Discordant Development of Dementia in Monozygotic Twins. Journal of Alzheimer's Disease, 2018, 63, 591-601.	2.6	9
51	Circulating microRNAs disclose biology of normal cognitive function in healthy elderly people â€“ a discovery twin study. European Journal of Human Genetics, 2018, 26, 1378-1387.	2.8	9
52	Epigenome-wide exploratory study of monozygotic twins suggests differentially methylated regions to associate with hand grip strength. Biogerontology, 2019, 20, 627-647.	3.9	9
53	Advanced Parental Age at Conception and Sex Affects Mitochondrial DNA Copy Number in Human and Fruit Flies. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1853-1860.	3.6	9
54	Hierarchical linear modeling of longitudinal pedigree data for genetic association analysis. BMC Proceedings, 2014, 8, S82.	1.6	8

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55	Mitochondrial DNA Copy Number in Sleep Duration Discordant Monozygotic Twins. Sleep, 2015, 38, 1655-1658.	1.1	8
56	Novel DNA methylation marker discovery by assumptionâ€free genomeâ€wide association analysis of cognitive function in twins. Aging Cell, 2021, 20, e13293.	6.7	7
57	Surfactant protein-D, a potential mediator of inflammation in axial spondyloarthritis. Rheumatology, 2018, 57, 1861-1865.	1.9	6
58	Genetic meta-analysis of twin birth weight shows high genetic correlation with singleton birth weight. Human Molecular Genetics, 2021, 30, 1894-1905.	2.9	6
59	Global Gene Expression Profiling and Transcription Factor Network Analysis of Cognitive Aging in Monozygotic Twins. Frontiers in Genetics, 2021, 12, 675587.	2.3	6
60	Somatically acquired structural genetic differences: a longitudinal study of elderly Danish twins. European Journal of Human Genetics, 2016, 24, 1506-1510.	2.8	5
61	A Genome-Wide Integrative Association Study of DNA Methylation and Gene Expression Data and Later Life Cognitive Functioning in Monozygotic Twins. Frontiers in Neuroscience, 2020, 14, 233.	2.8	5
62	Differential long noncoding RNA profiling of BMI in twins. Epigenomics, 2020, 12, 1531-1541.	2.1	4
63	Differential lncRNA expression profiling of cognitive function in middle and old aged monozygotic twins using generalized association analysis. Journal of Psychiatric Research, 2021, 140, 197-204.	3.1	3
64	Generalized correlation coefficient for genome-wide association analysis of cognitive ability in twins. Aging, 2020, 12, 22457-22494.	3.1	3
65	Genome-wide association analysis of cognitive function in Danish long-lived individuals. Mechanisms of Ageing and Development, 2021, 195, 111463.	4.6	1
66	A Genome-Wide Integrative Study of DNA Methylation, Gene Expression, and Later Life Hand Grip Strength. Innovation in Aging, 2020, 4, 128-129.	0.1	0