Vilmantas Giedraitis

List of Publications by Year
in descending order

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69 papers	20,824 citations	61857 43 h-index	71532 76 g-index
84 all docs	84 docs citations	84 times ranked	29380 citing authors

#	Article	IF	Citations
1	Mutation analysis of disease causing genes in patients with early onset or familial forms of Alzheimerâ€™s disease and frontotemporal dementia. BMC Genomics, 2022, 23, 99.	1.2	7
2	CRISPR-Cas9 treatment partially restores amyloid-Î² 42/40 in human fibroblasts with the Alzheimerâ€™s disease PSEN1 M146L mutation. Molecular Therapy - Nucleic Acids, 2022, 28, 450-461.	2.3	13
3	New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436.	9.4	700
4	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	9.4	250
5	Association of Rare APOE Missense Variants V236E and R251G With Risk of Alzheimer Disease. JAMA Neurology, 2022, 79, 652.	4.5	31
6	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. Kidney International, 2022, 102, 624-639.	2.6	18
7	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	5.8	87
8	Immune cells lacking Y chromosome show dysregulation of autosomal gene expression. Cellular and Molecular Life Sciences, 2021, 78, 4019-4033.	2.4	54
9	Different Inflammatory Signatures in Alzheimerâ€™s Disease and Frontotemporal Dementia Cerebrospinal Fluid. Journal of Alzheimer's Disease, 2021, 81, 629-640.	1.2	18
10	Common variants in Alzheimerâ€™s disease and risk stratification by polygenic risk scores. Nature Communications, 2021, 12, 3417.	5.8	140
11	Timed â€œUp & Goâ€•Dual-Task Tests: Age- and Sex-Specific Reference Values and Testâ€“Retest Reliability in Cognitively Healthy Controls. Physical Therapy, 2021, 101, .	1.1	7
12	Extraction of gait parameters from marker-free video recordings of Timed Up-and-Go tests: Validity, inter- and intra-rater reliability. Gait and Posture, 2021, 90, 489-495.	0.6	10
13	The Uppsala APP deletion causes early onset autosomal dominant Alzheimerâ€™s disease by altering APP processing and increasing amyloid Î² fibril formation. Science Translational Medicine, 2021, 13, .	5.8	23
14	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	1.4	11
15	Longitudinal changes in the frequency of mosaic chromosome Y loss in peripheral blood cells of aging men varies profoundly between individuals. European Journal of Human Genetics, 2020, 28, 349-357.	1.4	47
16	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	5.8	466
17	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. Nature Metabolism, 2020, 2, 1135-1148.	5.1	327
18	The association between plasma proteomics and incident cardiovascular disease identifies MMP-12 as a promising cardiovascular risk marker in patients with chronic kidney disease. Atherosclerosis, 2020, 307, 11-15.	0.4	15

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19	Dual-Task Tests Predict Conversion to Dementiaâ€"A Prospective Memory-Clinic-Based Cohort Study. International Journal of Environmental Research and Public Health, 2020, 17, 8129.	1.2	8
20	Dual-task tests discriminate between dementia, mild cognitive impairment, subjective cognitive impairment, and healthy controls â€“ a cross-sectional cohort study. BMC Geriatrics, 2020, 20, 258.	1.1	33
21	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542.	5.8	59
22	Timed Up-and-Go Dual-Task Testing in the Assessment of Cognitive Function: A Mixed Methods Observational Study for Development of the UDDGait Protocol. International Journal of Environmental Research and Public Health, 2020, 17, 1715.	1.2	18
23	Risk factors for subarachnoid haemorrhage: a nationwide cohort of 950Â000 adults. International Journal of Epidemiology, 2019, 48, 2018-2025.	0.9	21
24	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	5.8	133
25	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	9.4	251
26	Rationale for a Swedish cohort consortium. Upsala Journal of Medical Sciences, 2019, 124, 21-28.	0.4	3
27	The metabolites urobilin and sphingomyelin (30:1) are associated with incident heart failure in the general population. ESC Heart Failure, 2019, 6, 764-773.	1.4	23
28	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	9.4	549
29	Dual-Task Performance and Neurodegeneration: Correlations Between Timed Up-and-Go Dual-Task Test Outcomes and Alzheimerâ€™s Disease Cerebrospinal Fluid Biomarkers. Journal of Alzheimer's Disease, 2019, 71, S75-S83.	1.2	27
30	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	9.4	1,962
31	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	9.4	89
32	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. Nature Communications, 2019, 10, 29.	5.8	113
33	Improved Differential Diagnosis of Alzheimerâ€™s Disease by Integrating ELISA and Mass Spectrometry-Based Cerebrospinal Fluid Biomarkers. Journal of Alzheimer's Disease, 2019, 67, 639-651.	1.2	32
34	Mosaic loss of chromosome Y in leukocytes matters. Nature Genetics, 2019, 51, 4-7.	9.4	47
35	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	9.4	356
36	CRISPR/Cas9 Mediated Disruption of the Swedish APP Allele as a Therapeutic Approach for Early-Onset Alzheimerâ€™s Disease. Molecular Therapy - Nucleic Acids, 2018, 11, 429-440.	2.3	116

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37	Circulating proteins as predictors of incident heart failure in the elderly. European Journal of Heart Failure, 2018, 20, 55-62.	2.9	87
38	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. Nature Genetics, 2018, 50, 1505-1513.	9.4	1,331
39	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	2.6	326
40	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	9.4	924
41	Multiplex proteomics for prediction of major cardiovascular events in type 2 diabetes. Diabetologia, 2018, 61, 1748-1757.	2.9	43
42	Glucose challenge metabolomics implicates medium-chain acylcarnitines in insulin resistance. Scientific Reports, 2018, 8, 8691.	1.6	47
43	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	9.4	286
44	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544
45	Stability of Proteins in Dried Blood Spot Biobanks. Molecular and Cellular Proteomics, 2017, 16, 1286-1296.	2.5	81
46	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805.	5.8	95
47	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	1.3	123
48	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	9.4	783
49	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	2.4	31
50	Mapping of 79 loci for 83 plasma protein biomarkers in cardiovascular disease. PLoS Genetics, 2017, 13, e1006706.	1.5	194
51	Protein Biomarkers for Insulin Resistance and Type 2 Diabetes Risk in Two Large Community Cohorts. Diabetes, 2016, 65, 276-284.	0.3	100
52	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	13.7	952
53	Mosaic Loss of Chromosome Y in Blood Is Associated with Alzheimer Disease. American Journal of Human Genetics, 2016, 98, 1208-1219.	2.6	164
54	Trans-ethnic Fine Mapping Highlights Kidney-Function Genes Linked to Salt Sensitivity. American Journal of Human Genetics, 2016, 99, 636-646.	2.6	67

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55	Cystatin C and Cardiovascular Disease. Journal of the American College of Cardiology, 2016, 68, 934-945.	1.2	109
56	Non-targeted metabolomics combined with genetic analyses identifies bile acid synthesis and phospholipid metabolism as being associated with incident type 2 diabetes. Diabetologia, 2016, 59, 2114-2124.	2.9	74
57	Effect of Insulin Resistance on Monounsaturated Fatty Acid Levels: A Multi-cohort Non-targeted Metabolomics and Mendelian Randomization Study. PLoS Genetics, 2016, 12, e1006379.	1.5	20
58	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
59	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
60	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. Diabetes, 2015, 64, 1841-1852.	0.3	63
61	Î-Secretase processing of APP inhibits neuronal activity in the hippocampus. Nature, 2015, 526, 443-447.	13.7	308
62	Smoking is associated with mosaic loss of chromosome Y. Science, 2015, 347, 81-83.	6.0	163
63	Mosaic loss of chromosome Y in peripheral blood is associated with shorter survival and higher risk of cancer. Nature Genetics, 2014, 46, 624-628.	9.4	320
64	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
65	Common Genetic Variants Highlight the Role of Insulin Resistance and Body Fat Distribution in Type 2 Diabetes, Independent of Obesity. Diabetes, 2014, 63, 4378-4387.	0.3	153
66	Acute Sleep Deprivation Increases Serum Levels of Neuron-Specific Enolase (NSE) and S100 Calcium Binding Protein B (S-100B) in Healthy Young Men. Sleep, 2014, 37, 195-198.	0.6	60
67	CALHM1 P86L polymorphism does not alter amyloid-Î² or tau in cerebrospinal fluid. Neuroscience Letters, 2010, 469, 265-267.	1.0	11
68	Genetic Analysis of Alzheimerâ€™s Disease in the Uppsala Longitudinal Study of Adult Men. Dementia and Geriatric Cognitive Disorders, 2009, 27, 59-68.	0.7	72
69	The normal equilibrium between CSF and plasma amyloid beta levels is disrupted in Alzheimer's disease. Neuroscience Letters, 2007, 427, 127-131.	1.0	112