

Sven J Van Der Lee

List of Publications by Citations

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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.

101
papers

7,254
citations

31
h-index

85
g-index

120
ext. papers

10,385
ext. citations

11.8
avg, IF

4.2
L-index

#	Paper	IF	Citations
101	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
100	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42	50.4	850
99	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
98	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016 , 48, 624-33	36.3	602
97	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
96	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
95	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
94	A common haplotype lowers PU.1 expression in myeloid cells and delays onset of Alzheimer's disease. <i>Nature Neuroscience</i> , 2017 , 20, 1052-1061	25.5	228
93	Metabolic network failures in Alzheimer's disease: A biochemical road map. <i>Alzheimer's and Dementia</i> , 2017 , 13, 965-984	1.2	201
92	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13790-4	11.5	181
91	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
90	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
89	Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation. <i>Molecular Psychiatry</i> , 2020 , 25, 1859-1875	15.1	106
88	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
87	The effect of APOE and other common genetic variants on the onset of Alzheimer's disease and dementia: a community-based cohort study. <i>Lancet Neurology</i> , 2018 , 17, 434-444	24.1	101
86	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. <i>Circulation</i> , 2015 , 131, 2061-2069	16.7	100
85	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. <i>Alzheimer's and Dementia</i> , 2018 , 14, 723-733	1.2	90

84	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13366-13371	11.5	90
83	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	5.6	81
82	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. <i>Human Molecular Genetics</i> , 2017 , 26, 438-453	5.6	80
81	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016 , 8, 341ra76	17.5	77
80	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimer's and Dementia</i> , 2018 , 14, 707-722	1.2	76
79	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , 2015 , 36, 1765.e7-1765.e16	5.6	63
78	Characterization of pathogenic SORL1 genetic variants for association with Alzheimer's disease: a clinical interpretation strategy. <i>European Journal of Human Genetics</i> , 2017 , 25, 973-981	5.3	62
77	Evaluation of a Genetic Risk Score to Improve Risk Prediction for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 53, 921-32	4.3	54
76	A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. <i>Acta Neuropathologica</i> , 2019 , 138, 237-250	14.3	50
75	Metabolomics based markers predict type 2 diabetes in a 14-year follow-up study. <i>Metabolomics</i> , 2017 , 13, 104	4.7	50
74	PLD3 variants in population studies. <i>Nature</i> , 2015 , 520, E2-3	50.4	47
73	Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016 , 7, 13738	17.4	47
72	Blood-based metabolic signatures in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017 , 8, 196-207	5.2	39
71	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. <i>PLoS Genetics</i> , 2016 , 12, e1006327	6	38
70	A priori collaboration in population imaging: The Uniform Neuro-Imaging of Virchow-Robin Spaces Enlargement consortium. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 513-20	5.2	30
69	Centenarian controls increase variant effect sizes by an average twofold in an extreme case-extreme control analysis of Alzheimer's disease. <i>European Journal of Human Genetics</i> , 2019 , 27, 244-253	5.3	30
68	Parental family history of dementia in relation to subclinical brain disease and dementia risk. <i>Neurology</i> , 2017 , 88, 1642-1649	6.5	27
67	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27

66	New insights on the genetic etiology of Alzheimer's and related dementia		25
65	Disentangling the biological pathways involved in early features of Alzheimer's disease in the Rotterdam Study. <i>Alzheimer's and Dementia</i> , 2018 , 14, 848-857	1.2	23
64	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021 , 12, 3417	17.4	23
63	Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. <i>Atherosclerosis</i> , 2018 , 272, 60-65	3.1	21
62	Haplotype reference consortium panel: Practical implications of imputations with large reference panels. <i>Human Mutation</i> , 2017 , 38, 1025-1032	4.7	20
61	Fine-mapping the effects of Alzheimer's disease risk loci on brain morphology. <i>Neurobiology of Aging</i> , 2016 , 48, 204-211	5.6	20
60	PLCG2 protective variant p.P522R modulates tau pathology and disease progression in patients with mild cognitive impairment. <i>Acta Neuropathologica</i> , 2020 , 139, 1025-1044	14.3	18
59	A genome wide association study links glutamate receptor pathway to sporadic Creutzfeldt-Jakob disease risk. <i>PLoS ONE</i> , 2014 , 10, e0123654	3.7	18
58	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
57	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018 , 9, 3945	17.4	16
56	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. <i>Lancet Neurology</i> , 2020 , 19, 840-848	24.1	15
55	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019 , 2, 285	6.7	14
54	Male-specific epistasis between WWC1 and TLN2 genes is associated with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018 , 72, 188.e3-188.e12	5.6	13
53	SORL1 deficiency in human excitatory neurons causes APP-dependent defects in the endolysosome-autophagy network. <i>Cell Reports</i> , 2021 , 35, 109259	10.6	12
52	Quality control and integration of genotypes from two calling pipelines for whole genome sequence data in the Alzheimer's disease sequencing project. <i>Genomics</i> , 2019 , 111, 808-818	4.3	10
51	Immune response and endocytosis pathways are associated with the resilience against Alzheimer's disease. <i>Translational Psychiatry</i> , 2020 , 10, 332	8.6	10
50	The association of vascular disorders with incident dementia in different age groups. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 47	9	9
49	Age at onset of genetic (E200K) and sporadic Creutzfeldt-Jakob diseases is modulated by the gene. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 1243-1249	5.5	9

48	Common variants in Alzheimer's disease: Novel association of six genetic variants with AD and risk stratification by polygenic risk scores		9
47	Gray matter heritability in family-based and population-based studies using voxel-based morphometry. <i>Human Brain Mapping</i> , 2017 , 38, 2408-2423	5.9	7
46	Longitudinal Maintenance of Cognitive Health in Centenarians in the 100-plus Study. <i>JAMA Network Open</i> , 2020 , 3, e200094	10.4	7
45	EIF2AK3 variants in Dutch patients with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019 , 73, 229.e11-229.e18	5.6	7
44	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium		7
43	The dystrophin gene and cognitive function in the general population. <i>European Journal of Human Genetics</i> , 2015 , 23, 837-43	5.3	5
42	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
41	Plasma amyloid β levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1663-1674	1.2	5
40	The Right Temporal Variant of Frontotemporal Dementia Is Not Genetically Sporadic: A Case Series. <i>Journal of Alzheimer's Disease</i> , 2021 , 79, 1195-1201	4.3	5
39	Polygenic risk scores for Alzheimer's disease are related to dementia risk in APOE e4 negatives. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12142	5.2	5
38	F1-02-03: Metabolites Associated with Cognitive Function in the Rotterdam Study and Erasmus Rucphen Family Study 2016 , 12, P165-P165		4
37	A novel method for serum lipoprotein profiling using high performance capillary isotachopheresis. <i>Analytica Chimica Acta</i> , 2016 , 944, 57-69	6.6	4
36	Genetic Liability for Depression, Social Factors and Their Interaction Effect in Depressive Symptoms and Depression Over Time in Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2020 , 28, 844-855	6.5	3
35	The Role of Age-Related Clonal Hematopoiesis in Genetic Sequencing Studies. <i>American Journal of Human Genetics</i> , 2020 , 107, 575-576	11	3
34	snpXplorer: a web application to explore human SNP-associations and annotate SNP-sets. <i>Nucleic Acids Research</i> , 2021 , 49, W603-W612	20.1	3
33	Genetics Contributes to Concomitant Pathology and Clinical Presentation in Dementia with Lewy Bodies. <i>Journal of Alzheimer's Disease</i> , 2021 , 83, 269-279	4.3	3
32	P4-282: PLD3 ASSOCIATES TO PROLINE A PROPOSED BIOMARKER IN MAPSTONE ET AL 2014 , 10, P887-P888		2
31	Differences in Sex Distribution Between Genetic and Sporadic Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2021 , 84, 1153-1161	4.3	2

30	Polygenic Risk Score of Longevity Predicts Longer Survival Across an Age Continuum. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 750-759	6.4	2
29	Genome-Wide Meta-Analysis of Late-Onset Alzheimer's Disease Using Rare Variant Imputation in 65,602 Subjects Identifies Novel Rare Variant Locus NCK2: The International Genomics of Alzheimer's Project (IGAP)		2
28	Risk of dementia in ϵ carriers is mitigated by a polygenic risk score. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12229	5.2	2
27	BDNF-Met polymorphism and amyloid-beta in relation to cognitive decline in cognitively normal elderly: the SCIENCE project. <i>Neurobiology of Aging</i> , 2021 , 108, 146-154	5.6	2
26	DT-02-02: Low-frequency variant imputation identifies rare variant candidate loci in a gwas of late-onset Alzheimer's disease in the igap consortium 2015 , 11, P333-P334		1
25	Exome sequencing identifies rare damaging variants in the ATP8B4 and ABCA1 genes as novel risk factors for Alzheimer's Disease		1
24	P1-381: Evaluation of The Absolute Genetic Risk of Alzheimer's Disease in The Aging Population 2016 , 12, P578-P578		1
23	Cerebrospinal fluid tau levels are associated with abnormal neuronal plasticity markers in Alzheimer's disease.. <i>Molecular Neurodegeneration</i> , 2022 , 17, 27	19	1
22	The Effect of Alzheimer's Disease-Associated Genetic Variants on Longevity.. <i>Frontiers in Genetics</i> , 2021 , 12, 748781	4.5	1
21	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021 , 11, 613	8.6	0
20	Genome-wide association study of frontotemporal dementia identifies a C9ORF72 haplotype with a median of 12-G4C2 repeats that predisposes to pathological repeat expansions. <i>Translational Psychiatry</i> , 2021 , 11, 451	8.6	0
19	Novel genetic effects on amyloid and tau protein levels in cerebrospinal fluid. <i>Alzheimer's and Dementia</i> , 2020 , 16, e037973	1.2	
18	Polygenic risk score for Alzheimer's disease is related to amyloid positivity in subjective cognitive decline: The SCIENCE project. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042116	1.2	
17	O4-05-02: Genome-wide association study of lobar brain volumes 2015 , 11, P278-P278		
16	[P1139]: PATHWAY-SPECIFIC GENETIC RISK SCORE ASSOCIATED WITH ALZHEIMER'S DISEASE AND WHITE MATTER LESIONS IN COGNITIVELY NORMAL SUBJECTS 2017 , 13, P295-P296		
15	P4-198: Characterizing missing heritability of late-onset Alzheimer's disease: An exome array study 2015 , 11, P856-P857		
14	P2-024: Whole-exome sequencing in dutch families with Alzheimer's disease 2015 , 11, P490-P490		
13	O3-13-01: Whole genome sequencing of late-onset Alzheimer's disease patients from genetic isolate 2015 , 11, P250-P251		

- 12 O1-03-05: High-Resolution Imputation in Genome-Wide Association Studies of Late-Onset Alzheimer's Disease Identifies Novel Rare Variant Associations **2016**, 12, P178-P179
- 11 O1-09-01: Genomewide Linkage Analysis Identifies Novel Candidate Genes for Alzheimer's Disease **2016**, 12, P196-P196
- 10 O1-09-04: Identification of Whole Exome Sequencing Variants Associated with Late-Onset Alzheimer's Disease in the Cohorts for Heart and Aging Research in Genomic Epidemiology (Charge) Consortium **2016**, 12, P197-P198
- 9 P1-118: Association of Low-Frequency and Rare Coding Variants with Information Processing Speed **2016**, 12, P448-P448
- 8 P4-158: THE ASSOCIATION OF VASCULAR DISORDERS WITH INCIDENT DEMENTIA AND MORTALITY IN DIFFERENT AGE GROUPS IN A PRIMARY CARE DATABASE **2018**, 14, P1499-P1500
- 7 P2-134: THE ADDED VALUE OF EXTREME PHENOTYPES IN ALZHEIMER'S DISEASE CASE-CONTROL STUDIES **2018**, 14, P719-P719
- 6 P4-038: IS SORL1 AN AUTOSOMAL DOMINANT ALZHEIMER GENE? **2018**, 14, P1447-P1447
- 5 O5-04-01: A RARE GENETIC VARIANT IN THE PLCG2 GENE IS ASSOCIATED WITH A REDUCED RISK OF ALL MAJOR TYPES OF DEMENTIA AND AN INCREASED RISK TO REACH AN EXTREMELY OLD AGE **2018**, 14, P1648-P1649
- 4 Genetically elevated high-density lipoprotein cholesterol through the cholesteryl ester transfer protein gene does not associate with risk of Alzheimer's disease. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2018**, 10, 595-598 5.2
- 3 Alzheimer's disease genetic risk variants show brain cell type-specific associations with protein levels in cerebrospinal fluid.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e049531 1.2
- 2 The majority of the patients with a monogenic predisposition for dementia did not fulfill current criteria for genetic testing.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e052075 1.2
- 1 A meta-analysis of genome-wide association studies identifies new genetic loci associated with all-cause and vascular dementia.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056081 1.2