Sven J Van Der Lee

List of Publications by Year in Descending Order

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	Cerebrospinal fluid tau levels are associated with abnormal neuronal plasticity markers in Alzheimer's disease.. *Molecular Neurodegeneration*, **2022**, 17, 27	19	1
100	New insights into the genetic etiology of Alzheimer's disease and related dementias.. *Nature Genetics*, **2022**,	36.3	27
99	Association of low-frequency and rare coding variants with information processing speed. *Translational Psychiatry*, **2021**, 11, 613	8.6	0
98	Differences in Sex Distribution Between Genetic and Sporadic Frontotemporal Dementia. *Journal of Alzheimer's Disease*, **2021**, 84, 1153-1161	4.3	2
97	Polygenic Risk Score of Longevity Predicts Longer Survival Across an Age Continuum. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2021**, 76, 750-759	6.4	2
96	snpXplorer: a web application to explore human SNP-associations and annotate SNP-sets. *Nucleic Acids Research*, **2021**, 49, W603-W612	20.1	3
95	Plasma amyloid levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. *Alzheimer's and Dementia*, **2021**, 17, 1663-1674	1.2	5
94	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. *Nature Communications*, **2021**, 12, 3417	17.4	23
93	SORL1 deficiency in human excitatory neurons causes APP-dependent defects in the endolysosome-autophagy network. *Cell Reports*, **2021**, 35, 109259	10.6	12
92	Risk of dementia in 4 carriers is mitigated by a polygenic risk score. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2021**, 13, e12229	5.2	2
91	The Right Temporal Variant of Frontotemporal Dementia Is Not Genetically Sporadic: A Case Series. *Journal of Alzheimer's Disease*, **2021**, 79, 1195-1201	4.3	5
90	Genetics Contributes to Concomitant Pathology and Clinical Presentation in Dementia with Lewy Bodies. *Journal of Alzheimer's Disease*, **2021**, 83, 269-279	4.3	3
89	Genome-wide association study of frontotemporal dementia identifies a C9ORF72 haplotype with a median of 12-G4C2 repeats that predisposes to pathological repeat expansions. *Translational Psychiatry*, **2021**, 11, 451	8.6	0
88	BDNF-Met polymorphism and amyloid-beta in relation to cognitive decline in cognitively normal elderly: the SCIENCe project. *Neurobiology of Aging*, **2021**, 108, 146-154	5.6	2
87	Polygenic risk scores for Alzheimer's disease are related to dementia risk in APOE e4 negatives. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2021**, 13, e12142	5.2	5
86	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	
85	The Effect of Alzheimer's Disease-Associated Genetic Variants on Longevity.. *Frontiers in Genetics*, **2021**, 12, 748781	4.5	1

84	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	
83	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	
82	Novel genetic effects on amyloid and tau protein levels in cerebrospinal fluid. *Alzheimer's and Dementia*, **2020**, 16, e037973	1.2	
81	Polygenic risk score for Alzheimer's disease is related to amyloid positivity in subjective cognitive decline: The SCIENCe project. *Alzheimer's and Dementia*, **2020**, 16, e042116	1.2	
80	PLCG2 protective variant p.P522R modulates tau pathology and disease progression in patients with mild cognitive impairment. *Acta Neuropathologica*, **2020**, 139, 1025-1044	14.3	18
79	Longitudinal Maintenance of Cognitive Health in Centenarians in the 100-plus Study. *JAMA Network Open*, **2020**, 3, e200094	10.4	7
78	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. *Nature Communications*, **2020**, 11, 4796	17.4	16
77	Immune response and endocytosis pathways are associated with the resilience against Alzheimer's disease. *Translational Psychiatry*, **2020**, 10, 332	8.6	10
76	Genetic Liability for Depression, Social Factors and Their Interaction Effect in Depressive Symptoms and Depression Over Time in Older Adults. *American Journal of Geriatric Psychiatry*, **2020**, 28, 844-855	6.5	3
75	The Role of Age-Related Clonal Hematopoiesis in Genetic Sequencing Studies. *American Journal of Human Genetics*, **2020**, 107, 575-576	11	3
74	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. *Lancet Neurology, The*, **2020**, 19, 840-848	24.1	15
73	Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation. *Molecular Psychiatry*, **2020**, 25, 1859-1875	15.1	106
72	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. *Acta Neuropathologica*, **2019**, 138, 237-250	14.3	50
71	The association of vascular disorders with incident dementia in different age groups. *Alzheimer's Research and Therapy*, **2019**, 11, 47	9	9
70	Quality control and integration of genotypes from two calling pipelines for whole genome sequence data in the Alzheimer's disease sequencing project. *Genomics*, **2019**, 111, 808-818	4.3	10
69	EIF2AK3 variants in Dutch patients with Alzheimer's disease. *Neurobiology of Aging*, **2019**, 73, 229.e11-229.e18	5.6	7
68	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. *Communications Biology*, **2019**, 2, 285	6.7	14
67	A meta-analysis of genome-wide association studies identifies multiple longevity genes. *Nature Communications*, **2019**, 10, 3669	17.4	102

66	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates Aβ, tau, immunity and lipid processing. *Nature Genetics*, **2019**, 51, 414-430	36.3	917
65	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	36.3	81
64	Centenarian controls increase variant effect sizes by an average twofold in an extreme case-extreme control analysis of Alzheimer's disease. *European Journal of Human Genetics*, **2019**, 27, 244-253	5.3	30
63	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. *Alzheimer's and Dementia*, **2018**, 14, 723-733	1.2	90
62	Disentangling the biological pathways involved in early features of Alzheimer's disease in the Rotterdam Study. *Alzheimer's and Dementia*, **2018**, 14, 848-857	1.2	23
61	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. *Alzheimer's and Dementia*, **2018**, 14, 707-722	1.2	76
60	The effect of APOE and other common genetic variants on the onset of Alzheimer's disease and dementia: a community-based cohort study. *Lancet Neurology, The*, **2018**, 17, 434-444	24.1	101
59	Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. *Atherosclerosis*, **2018**, 272, 60-65	3.1	21
58	Age at onset of genetic (E200K) and sporadic Creutzfeldt-Jakob diseases is modulated by the gene. *Journal of Neurology, Neurosurgery and Psychiatry*, **2018**, 89, 1243-1249	5.5	9
57	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
56	Male-specific epistasis between WWC1 and TLN2 genes is associated with Alzheimer's disease. *Neurobiology of Aging*, **2018**, 72, 188.e3-188.e12	5.6	13
55	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		
54	P2-134: THE ADDED VALUE OF EXTREME PHENOTYPES IN ALZHEIMER'S DISEASE CASE-CONTROL STUDIES **2018**, 14, P719-P719		
53	P4-038: IS SORL1 AN AUTOSOMAL DOMINANT ALZHEIMER GENE? **2018**, 14, P1447-P1447		
52	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		
51	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. *Nature Communications*, **2018**, 9, 3945	17.4	16
50	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	
49	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. *Nature Communications*, **2018**, 9, 2098	17.4	254

48	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173
47	Gray matter heritability in family-based and population-based studies using voxel-based morphometry. *Human Brain Mapping*, **2017**, 38, 2408-2423	5.9	7
46	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. *Human Molecular Genetics*, **2017**, 26, 438-453	5.6	80
45	Haplotype reference consortium panel: Practical implications of imputations with large reference panels. *Human Mutation*, **2017**, 38, 1025-1032	4.7	20
44	A common haplotype lowers PU.1 expression in myeloid cells and delays onset of Alzheimer's disease. *Nature Neuroscience*, **2017**, 20, 1052-1061	25.5	228
43	Characterization of pathogenic SORL1 genetic variants for association with Alzheimer's disease: a clinical interpretation strategy. *European Journal of Human Genetics*, **2017**, 25, 973-981	5.3	62
42	Parental family history of dementia in relation to subclinical brain disease and dementia risk. *Neurology*, **2017**, 88, 1642-1649	6.5	27
41	Metabolic network failures in Alzheimer's disease: A biochemical road□map. *Alzheimer's and Dementia*, **2017**, 13, 965-984	1.2	201
40	Blood-based metabolic signatures in Alzheimer's disease. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2017**, 8, 196-207	5.2	39
39	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. *Nature Genetics*, **2017**, 49, 1373-1384	36.3	508
38	Metabolomics based markers predict type 2 diabetes in a 14-year follow-up study. *Metabolomics*, **2017**, 13, 104	4.7	50
37	[P1□139]: PATHWAY-SPECIFIC GENETIC RISK SCORE ASSOCIATED WITH ALZHEIMER's DISEASE AND WHITE MATTER LESIONS IN COGNITIVELY NORMAL SUBJECTS **2017**, 13, P295-P296		
36	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. *Science Translational Medicine*, **2016**, 8, 341ra76	17.5	77
35	Genetic variants linked to education predict longevity. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 13366-13371	11.5	90
34	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. *PLoS Genetics*, **2016**, 12, e1006327	6	38
33	P1-381: Evaluation of The Absolute Genetic Risk of Alzheimer's Disease in The Aging Population **2016**, 12, P578-P578		1
32	Heritability of the shape of subcortical brain structures in the general population. *Nature Communications*, **2016**, 7, 13738	17.4	47
31	F1-02-03: Metabolites Associated with Cognitive Function in the Rotterdam Study and Erasmus Rucphen Family Study **2016**, 12, P165-P165		4

30	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		
29	O1-09-01: Genomewide Linkage Analysis Identifies Novel Candidate Genes for Alzheimer's Disease **2016**, 12, P196-P196		
28	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		
27	P1-118: Association of Low-Frequency and Rare Coding Variants with Information Processing Speed **2016**, 12, P448-P448		
26	Evaluation of a Genetic Risk Score to Improve Risk Prediction for Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2016**, 53, 921-32	4.3	54
25	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. *Nature Genetics*, **2016**, 48, 624-33	36.3	602
24	Genome-wide association study identifies 74 loci associated with educational attainment. *Nature*, **2016**, 533, 539-42	50.4	850
23	Fine-mapping the effects of Alzheimer's disease risk loci on brain morphology. *Neurobiology of Aging*, **2016**, 48, 204-211	5.6	20
22	A novel method for serum lipoprotein profiling using high performance capillary isotachophoresis. *Analytica Chimica Acta*, **2016**, 944, 57-69	6.6	4
21	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
20	Common genetic variants influence human subcortical brain structures. *Nature*, **2015**, 520, 224-9	50.4	601
19	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. *Neurobiology of Aging*, **2015**, 36, 1765.e7-1765.e16	5.6	63
18	PLD3 variants in population studies. *Nature*, **2015**, 520, E2-3	50.4	47
17	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. *Circulation*, **2015**, 131, 2061-2069	16.7	100
16	O4-05-02: Genome-wide association study of lobar brain volumes **2015**, 11, P278-P278		
15	P4-198: Characterizing missing heritability of late-onset Alzheimer's disease: An exome array study **2015**, 11, P856-P857		
14	A priori collaboration in population imaging: The Uniform Neuro-Imaging of Virchow-Robin Spaces Enlargement consortium. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2015**, 1, 513-20	5.2	30
13	P2-024: Whole-exome sequencing in dutch families with Alzheimer's disease **2015**, 11, P490-P490		

12	O3-13-01: Whole genome sequencing of late-onset Alzheimer's disease patients from genetic isolate **2015**, 11, P250-P251		
11	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
10	The dystrophin gene and cognitive function in the general population. *European Journal of Human Genetics*, **2015**, 23, 837-43	5.3	5
9	P4-282: PLD3 ASSOCIATES TO PROLINE A PROPOSED BIOMARKER IN MAPSTONE ET AL **2014**, 10, P887-P888		2
8	A genome wide association study links glutamate receptor pathway to sporadic Creutzfeldt-Jakob disease risk. *PLoS ONE*, **2014**, 10, e0123654	3.7	18
7	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 13790-4	11.5	181
6	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
5	Common variants in Alzheimer disease: Novel association of six genetic variants with AD and risk stratification by polygenic risk scores		9
4	Exome sequencing identifies rare damaging variants in the ATP8B4 and ABCA1 genes as novel risk factors for Alzheimer Disease		1
3	New insights on the genetic etiology of Alzheimer and related dementia		25
2	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium		7
1	Genome-Wide Meta-Analysis of Late-Onset Alzheimer Disease Using Rare Variant Imputation in 65,602 Subjects Identifies Novel Rare Variant Locus NCK2: The International Genomics of Alzheimer Project (IGAP)		2