Wouter van Rheenen

List of Publications by Year
in descending order

58	7,745	126907	133252
papers	citations	33 h-index	59 g-index

66	66	66	16913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A reference panel of 64,976 haplotypes for genotype imputation. Nature Genetics, 2016, 48, 1279-1283.	21.4	2,421
2	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	8.1	517
3	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1043-1048.	21.4	494
4	Prognosis for patients with amyotrophic lateral sclerosis: development and validation of a personalised prediction model. Lancet Neurology, The, 2018, 17, 423-433.	10.2	342
5	Exome-wide Rare Variant Analysis Identifies TUBA4A Mutations Associated with Familial ALS. Neuron, 2014, 84, 324-331.	8.1	308
6	Evidence for an oligogenic basis of amyotrophic lateral sclerosis. Human Molecular Genetics, 2012, 21, 3776-3784.	2.9	307
7	Genetic correlations of polygenic disease traits: from theory to practice. Nature Reviews Genetics, 2019, 20, 567-581.	16.3	236
8	Population genetic differentiation of height and body mass index across Europe. Nature Genetics, 2015, 47, 1357-1362.	21.4	227
9	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. Nature Genetics, 2021, 53, 1636-1648.	21.4	223
10	NEK1 variants confer susceptibility to amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1037-1042.	21.4	218
11	Angiogenin variants in Parkinson disease and amyotrophic lateral sclerosis. Annals of Neurology, 2011, 70, 964-973.	5.3	168
12	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. Nature Genetics, 2020, 52, 1303-1313.	21.4	163
13	The role of TREM2 R47H as a risk factor for Alzheimer's disease, frontotemporal lobar degeneration, amyotrophic lateral sclerosis, and Parkinson's disease. Alzheimer's and Dementia, 2015, 11, 1407-1416.	0.8	152
14	A blinded international study on the reliability of genetic testing for GGGGCC-repeat expansions inC9orf72reveals marked differences in results among 14 laboratories. Journal of Medical Genetics, 2014, 51, 419-424.	3.2	118
15	Genetic correlation between amyotrophic lateral sclerosis and schizophrenia. Nature Communications, 2017, 8, 14774.	12.8	114
16	Hexanucleotide repeat expansions in C9ORF72 in the spectrum of motor neuron diseases. Neurology, 2012, 79, 878-882.	1.1	100
17	Genomic signals of migration and continuity in Britain before the Anglo-Saxons. Nature Communications, 2016, 7, 10326.	12.8	100
18	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. Nature Communications, 2017, 8, 611.	12.8	93

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19	ATXN2 trinucleotide repeat length correlates with risk of ALS. Neurobiology of Aging, 2017, 51, 178.e1-178.e9.	3.1	86
20	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
21	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. Nature Communications, 2019, 10, 2176.	12.8	83
22	Meta-analysis of pharmacogenetic interactions in amyotrophic lateral sclerosis clinical trials. Neurology, 2017, 89, 1915-1922.	1.1	82
23	Brain morphologic changes in asymptomatic C9orf72 repeat expansion carriers. Neurology, 2015, 85, 1780-1788.	1.1	66
24	The project MinE databrowser: bringing large-scale whole-genome sequencing in ALS to researchers and the public. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 432-440.	1.7	60
25	Risk in Relatives, Heritability, SNP-Based Heritability, and Genetic Correlations in Psychiatric Disorders: A Review. Biological Psychiatry, 2021, 89, 11-19.	1.3	59
26	Association of a Locus in theCAMTA1Gene With Survival in Patients With Sporadic Amyotrophic Lateral Sclerosis. JAMA Neurology, 2016, 73, 812.	9.0	57
27	SMN1 gene duplications are associated with sporadic ALS. Neurology, 2012, 78, 776-780.	1.1	54
28	Autoantibody pathogenicity in a multifocal motor neuropathy induced pluripotent stem cellâ€“derived model. Annals of Neurology, 2016, 80, 71-88.	5.3	53
29	A large genome scan for rare CNVs in amyotrophic lateral sclerosis. Human Molecular Genetics, 2010, 19, 4091-4099.	2.9	51
30	Mapping of Gene Expression Reveals CYP27A1 as a Susceptibility Gene for Sporadic ALS. PLoS ONE, 2012, 7, e35333.	2.5	50
31	NIPA1 polyalanine repeat expansions are associated with amyotrophic lateral sclerosis. Human Molecular Genetics, 2012, 21, 2497-2502.	2.9	49
32	Meta-analysis of genome-wide DNA methylation identifies shared associations across neurodegenerative disorders. Genome Biology, 2021, 22, 90.	8.8	49
33	Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. JAMA Neurology, 2021, 78, 1236.	9.0	46
34	Serotonin 2B receptor slows disease progression and prevents degeneration of spinal cord mononuclear phagocytes in amyotrophic lateral sclerosis. Acta Neuropathologica, 2016, 131, 465-480.	7.7	41
35	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS. Science Translational Medicine, 2022, 14, eabj0264.	12.4	38
36	Whole blood transcriptome analysis in amyotrophic lateral sclerosis: A biomarker study. PLoS ONE, 2018, 13, e0198874.	2.5	37

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37	Associations between lifestyle and amyotrophic lateral sclerosis stratified by C9orf72 genotype: a longitudinal, population-based, case-control study. Lancet Neurology, The, 2021, 20, 373-384.	10.2	35
38	ALS in Danish Registries. Neurology: Genetics, 2020, 6, e398.	1.9	34
39	Association of NIPA1 repeat expansions with amyotrophic lateral sclerosis in a large international cohort. Neurobiology of Aging, 2019, 74, 234.e9-234.e15.	3.1	26
40	Circulating microRNAs in patients with intracranial aneurysms. PLoS ONE, 2017, 12, e0176558.	2.5	26
41	Structural variation analysis of 6,500 whole genome sequences in amyotrophic lateral sclerosis. Npj Genomic Medicine, 2022, 7, 8.	3.8	23
42	Reconsidering the causality of TIA1 mutations in ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 1-3.	1.7	22
43	Dutch population structure across space, time and GWAS design. Nature Communications, 2020, 11, 4556.	12.8	21
44	Large-scale screening in sporadic amyotrophic lateral sclerosis identifies genetic modifiers in C9orf72 repeat carriers. Neurobiology of Aging, 2016, 39, 220.e9-220.e15.	3.1	20
45	H63D polymorphism in HFE is not associated with amyotrophic lateral sclerosis. Neurobiology of Aging, 2013, 34, 1517.e5-1517.e7.	3.1	19
46	Exome array analysis of rare and low frequency variants in amyotrophic lateral sclerosis. Scientific Reports, 2019, 9, 5931.	3.3	16
47	Polygenic risk score analysis for amyotrophic lateral sclerosis leveraging cognitive performance, educational attainment and schizophrenia. European Journal of Human Genetics, 2022, 30, 532-539.	2.8	16
48	SCFD1 expression quantitative trait loci in amyotrophic lateral sclerosis are differentially expressed. Brain Communications, 2021, 3, fcab236.	3.3	14
49	Analysis of FUS, PFN2, TDP-43, and PLS3 as potential disease severity modifiers in spinal muscular atrophy. Neurology: Genetics, 2020, 6, e386.	1.9	13
50	Functional characterisation of the amyotrophic lateral sclerosis risk locus GPX3/TNIP1. Genome Medicine, 2022, 14, 7.	8.2	12
51	Are CHCHD10 mutations indeed associated with familial amyotrophic lateral sclerosis?. Brain, 2014, 137, e313-e313.	7.6	11
52	The Effect of <scp>SMN</scp> Gene Dosage on <scp>ALS</scp> Risk and Disease Severity. Annals of Neurology, 2021, 89, 686-697.	5.3	10
53	Genotype-phenotype correlations of KIF5A stalk domain variants. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 561-570.	1.7	9
54	Distinctive pattern of temporal atrophy in patients with frontotemporal dementia and the I383V variant in TARDBP. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 787-789.	1.9	5

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55	No association between gluten sensitivity and amyotrophic lateral sclerosis. Journal of Neurology, 2017, 264, 694-700.	3.6	4
56	Analysis of shared common genetic risk between amyotrophic lateral sclerosis and epilepsy. Neurobiology of Aging, 2020, 92, 153.e1-153.e5.	3.1	4
57	Major advances in neuromuscular disorders in the past two decades. Lancet Neurology, The, 2022, 21, 585-587.	10.2	2
58	Functional Characterisation of a GWAS Risk Locus Identifies GPX3 as a Lead Candidate Gene in ALS. SSRN Electronic Journal, 0, , .	0.4	0