Scott I Vrieze

List of Publications by Year
in descending order

60 papers	12,195 citations	236912 25 h-index	128286 60 g-index
73 all docs	73 docs citations	73 times ranked	21478 citing authors

#	Article	IF	Citations
1	Next-generation genotype imputation service and methods. Nature Genetics, 2016, 48, 1284-1287.	21.4	2,828
2	A reference panel of 64,976 haplotypes for genotype imputation. Nature Genetics, 2016, 48, 1279-1283.	21.4	2,421
3	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. Nature Genetics, 2019, 51, 237-244.	21.4	1,307
4	Model selection and psychological theory: A discussion of the differences between the Akaike information criterion (AIC) and the Bayesian information criterion (BIC).. Psychological Methods, 2012, 17, 228-243.	3.5	1,160
5	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	27.8	1,069
6	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
7	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. Nature Neuroscience, 2018, 21, 1656-1669.	14.8	490
8	Comparison of methods that use whole genome data to estimate the heritability and genetic architecture of complex traits. Nature Genetics, 2018, 50, 737-745.	21.4	205
9	A large-scale genome-wide association study meta-analysis of cannabis use disorder. Lancet Psychiatry,the, 2020, 7, 1032-1045.	7.4	200
10	Multivariate analysis of 1.5 million people identifies genetic associations with traits related to self-regulation and addiction. Nature Neuroscience, 2021, 24, 1367-1376.	14.8	137
11	A Genome-Wide Association Study of Behavioral Disinhibition. Behavior Genetics, 2013, 43, 363-373.	2.1	119
12	Rare variant genotype imputation with thousands of study-specific whole-genome sequences: implications for cost-effective study designs. European Journal of Human Genetics, 2015, 23, 975-983.	2.8	92
13	Three Mutually Informative Ways to Understand the Genetic Relationships Among Behavioral Disinhibition, Alcohol Use, Drug Use, Nicotine Use/Dependence, and Their Co-occurrence: Twin Biometry, GCTA, and Genome-Wide Scoring. Behavior Genetics, 2013, 43, 97-107.	2.1	91
14	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409.	7.9	83
15	Expanding the genetic architecture of nicotine dependence and its shared genetics with multiple traits. Nature Communications, 2020, 11, 5562.	12.8	80
16	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and AlcoholÂUse. Biological Psychiatry, 2019, 85, 946-955.	1.3	69
17	Decline in Genetic Influence on the Co-Occurrence of Alcohol, Marijuana, and Nicotine Dependence Symptoms From Age 14 to 29. American Journal of Psychiatry, 2012, 169, 1073-1081.	7.2	65
18	Endophenotype best practices. International Journal of Psychophysiology, 2017, 111, 115-144.	1.0	62

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19	Survey on the use of clinical and mechanical prediction methods in clinical psychology.. Professional Psychology: Research and Practice, 2009, 40, 525-531.	1.0	53
20	Baseline brain function in the preadolescents of the ABCD Study. Nature Neuroscience, 2021, 24, 1176-1186.	14.8	48
21	Behavioral impact of return of genetic test results for complex disease: Systematic review and meta-analysis.. Health Psychology, 2018, 37, 1134-1144.	1.6	45
22	The interplay of genes and adolescent development in substance use disorders: leveraging findings from GWAS meta-analyses to test developmental hypotheses about nicotine consumption. Human Genetics, 2012, 131, 791-801.	3.8	44
23	Confluence of genes, environment, development, and behavior in a post Genome-Wide Association Study world. Development and Psychopathology, 2012, 24, 1195-1214.	2.3	43
24	Rare Nonsynonymous Exonic Variants in Addiction and Behavioral Disinhibition. Biological Psychiatry, 2014, 75, 783-789.	1.3	41
25	Genetic correlation, pleiotropy, and causal associations between substance use and psychiatric disorder. Psychological Medicine, 2022, 52, 968-978.	4.5	41
26	Associations between adolescent cannabis use and young-adult functioning in three longitudinal twin studies. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
27	Predicting sex offender recidivism. I. Correcting for item overselection and accuracy overestimation in scale development. II. Sampling error-induced attenuation of predictive validity over base rate information.. Law and Human Behavior, 2008, 32, 266-278.	0.7	27
28	Minnesota Center for Twin and Family Research. Twin Research and Human Genetics, 2019, 22, 746-752.	0.6	27
29	Multidimensional assessment of criminal recidivism: Problems, pitfalls, and proposed solutions.. Psychological Assessment, 2010, 22, 382-395.	1.5	26
30	In search of rare variants: Preliminary results from whole genome sequencing of 1,325 individuals with psychophysiological endophenotypes. Psychophysiology, 2014, 51, 1309-1320.	2.4	25
31	The Power of Theory, Research Design, and Transdisciplinary Integration in Moving Psychopathology Forward. Psychological Inquiry, 2015, 26, 209-230.	0.9	25
32	Is the Continuity of Externalizing Psychopathology the Same in Adolescents and Middle–Aged Adults? A Test of the Externalizing Spectrum's Developmental Coherence. Journal of Abnormal Child Psychology, 2012, 40, 459-470.	3.5	24
33	Model-based assessment of replicability for genome-wide association meta-analysis. Nature Communications, 2021, 12, 1964.	12.8	24
34	Genetic associations of nonsynonymous exonic variants with psychophysiological endophenotypes. Psychophysiology, 2014, 51, 1300-1308.	2.4	21
35	Narrow-sense heritability estimation of complex traits using identity-by-descent information. Heredity, 2018, 121, 616-630.	2.6	20
36	Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. Drug and Alcohol Dependence, 2021, 227, 108946.	3.2	19

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37	Proper conditional analysis in the presence of missing data: Application to large scale meta-analysis of tobacco use phenotypes. PLoS Genetics, 2018, 14, e1007452.	3.5	18
38	Genes for Good: Engaging the Public in Genetics Research via Social Media. American Journal of Human Genetics, 2019, 105, 65-77.	6.2	16
39	An exploration of the base rate scores of the Millon Clinical Multiaxial Inventory–III.. Psychological Assessment, 2009, 21, 57-67.	1.5	15
40	Gamma–Aminobutyric Acid System Genes—No Evidence for a Role in Alcohol Use and Abuse in a Community–Based Sample. Alcoholism: Clinical and Experimental Research, 2014, 38, 938-947.	2.4	14
41	Genetic architecture of four smoking behaviors using partitioned SNP heritability. Addiction, 2021, 116, 2498-2508.	3.3	14
42	Deep Sequencing of 71 Candidate Genes to Characterize Variation Associated with Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 2017, 41, 711-718.	2.4	13
43	An Assessment of the Individual and Collective Effects of Variants on Height Using Twins and a Developmentally Informative Study Design. PLoS Genetics, 2011, 7, e1002413.	3.5	11
44	Alcohol and nicotine polygenic scores are associated with the development of alcohol and nicotine use problems from adolescence to young adulthood. Addiction, 2022, 117, 1117-1127.	3.3	11
45	The Role of Constraint in the Development of Nicotine, Marijuana, and Alcohol Dependence in Young Adulthood. Behavior Genetics, 2014, 44, 14-24.	2.1	9
46	A computational method for genotype calling in family-based sequencing data. BMC Bioinformatics, 2016, 17, 37.	2.6	8
47	Best Practices: The Electronic Medical Record Is an Invaluable Clinical Tool: Let's Start Using It. Psychiatric Services, 2013, 64, 946-949.	2.0	7
48	Validating Online Measures of Cognitive Ability in Genes for Good, a Genetic Study of Health and Behavior. Assessment, 2020, 27, 136-148.	3.1	7
49	Dissecting the genetic overlap of smoking behaviors, lung cancer, and chronic obstructive pulmonary disease: A focus on nicotinic receptors and nicotine metabolizing enzyme. Genetic Epidemiology, 2020, 44, 748-758.	1.3	7
50	Polygenic Score for Smoking Is Associated With Externalizing Psychopathology and Disinhibited Personality Traits but Not Internalizing Psychopathology in Adolescence. Clinical Psychological Science, 2021, 9, 1205-1213.	4.0	7
51	Associations between polygenic risk of substance use and use disorder and alcohol, cannabis, and nicotine use in adolescence and young adulthood in a longitudinal twin study. Psychological Medicine, 2023, 53, 2296-2306.	4.5	7
52	Adolescent Externalizing Psychopathology and Its Prospective Relationship to Marijuana Use Development from Age 14 to 30: Replication Across Independent Longitudinal Twin Samples. Behavior Genetics, 2020, 50, 139-151.	2.1	6
53	Mechanisms of parent–child transmission of tobacco and alcohol use with polygenic risk scores: Evidence for a genetic nurture effect.. Developmental Psychology, 2021, 57, 796-804.	1.6	6
54	Adolescent cannabis use and adult psychoticism: A longitudinal co-twin control analysis using data from two cohorts.. Journal of Abnormal Psychology, 2021, 130, 691-701.	1.9	5

#	ARTICLE	IF	CITATIONS
55	Developmental and etiological patterns of substance use from adolescence to middle age: A longitudinal twin study. Drug and Alcohol Dependence, 2022, 233, 109378.	3.2	5
56	Polygenic scores for smoking and educational attainment have independent influences on academic success and adjustment in adolescence and educational attainment in adulthood. PLoS ONE, 2021, 16, e0255348.	2.5	4
57	Association Analysis and Meta-Analysis of Multi-Allelic Variants for Large-Scale Sequence Data. Genes, 2020, 11, 586.	2.4	3
58	Using multivariate endophenotypes to identify psychophysiological mechanisms associated with polygenic scores for substance use, schizophrenia, and education attainment. Psychological Medicine, 2021, , 1-11.	4.5	3
59	Bayesian Forecasting with a Regime-Switching Zero-Inflated Multilevel Poisson Regression Model: An Application to Adolescent Alcohol Use with Spatial Covariates. Psychometrika, 2022, , 1.	2.1	3
60	The Art of Smart Science: Weaving Theory and Risky Study Design Into Psychopathology Research and RDOC. Psychological Inquiry, 2015, 26, 286-292.	0.9	2