

Scott I Vrieze

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.

65
papers

6,135
citations

23
h-index

73
g-index

73
ext. papers

9,686
ext. citations

9.7
avg, IF

5.69
L-index

#	Paper	IF	Citations
65	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016 , 48, 1279-83	36.3	1447
64	Next-generation genotype imputation service and methods. <i>Nature Genetics</i> , 2016 , 48, 1284-1287	36.3	1369
63	Model selection and psychological theory: a discussion of the differences between the Akaike information criterion (AIC) and the Bayesian information criterion (BIC). <i>Psychological Methods</i> , 2012 , 17, 228-43	7.1	684
62	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. <i>Nature Genetics</i> , 2019 , 51, 237-244	36.3	516
61	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. <i>Nature Genetics</i> , 2018 , 50, 912-919	36.3	475
60	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
59	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018 , 21, 1656-1669	25.5	257
58	Comparison of methods that use whole genome data to estimate the heritability and genetic architecture of complex traits. <i>Nature Genetics</i> , 2018 , 50, 737-745	36.3	131
57	A genome-wide association study of behavioral disinhibition. <i>Behavior Genetics</i> , 2013 , 43, 363-73	3.2	91
56	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. <i>Behavior Genetics</i> , 2013 , 43, 97-107	3.2	71
55	Rare variant genotype imputation with thousands of study-specific whole-genome sequences: implications for cost-effective study designs. <i>European Journal of Human Genetics</i> , 2015 , 23, 975-83	5.3	57
54	Decline in genetic influence on the co-occurrence of alcohol, marijuana, and nicotine dependence symptoms from age 14 to 29. <i>American Journal of Psychiatry</i> , 2012 , 169, 1073-81	11.9	55
53	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020 , 25, 2392-2409	15.1	45
52	Endophenotype best practices. <i>International Journal of Psychophysiology</i> , 2017 , 111, 115-144	2.9	44
51	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020 , 7, 1032-1045	23.3	43
50	Rare nonsynonymous exonic variants in addiction and behavioral disinhibition. <i>Biological Psychiatry</i> , 2014 , 75, 783-9	7.9	39
49	The interplay of genes and adolescent development in substance use disorders: leveraging findings from GWAS meta-analyses to test developmental hypotheses about nicotine consumption. <i>Human Genetics</i> , 2012 , 131, 791-801	6.3	37

48	Survey on the use of clinical and mechanical prediction methods in clinical psychology.. <i>Professional Psychology: Research and Practice</i> , 2009 , 40, 525-531	2.2	37
47	Confluence of genes, environment, development, and behavior in a post Genome-Wide Association Study world. <i>Development and Psychopathology</i> , 2012 , 24, 1195-214	4.3	36
46	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and Alcohol Use. <i>Biological Psychiatry</i> , 2019 , 85, 946-955	7.9	35
45	Expanding the genetic architecture of nicotine dependence and its shared genetics with multiple traits. <i>Nature Communications</i> , 2020 , 11, 5562	17.4	25
44	Behavioral impact of return of genetic test results for complex disease: Systematic review and meta-analysis. <i>Health Psychology</i> , 2018 , 37, 1134-1144	5	25
43	In search of rare variants: preliminary results from whole genome sequencing of 1,325 individuals with psychophysiological endophenotypes. <i>Psychophysiology</i> , 2014 , 51, 1309-20	4.1	24
42	The Power of Theory, Research Design, and Transdisciplinary Integration in Moving Psychopathology Forward. <i>Psychological Inquiry</i> , 2015 , 26, 209-230	2	23
41	Genetic associations of nonsynonymous exonic variants with psychophysiological endophenotypes. <i>Psychophysiology</i> , 2014 , 51, 1300-8	4.1	21
40	Multidimensional assessment of criminal recidivism: problems, pitfalls, and proposed solutions. <i>Psychological Assessment</i> , 2010 , 22, 382-95	5.3	21
39	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. <i>Law and Human Behavior</i> , 2008 , 32, 266-78	2.5	21
38	Is the continuity of externalizing psychopathology the same in adolescents and middle-aged adults? A test of the externalizing spectrum's developmental coherence. <i>Journal of Abnormal Child Psychology</i> , 2012 , 40, 459-70	4	20
37	Genetic correlation, pleiotropy, and causal associations between substance use and psychiatric disorder. <i>Psychological Medicine</i> , 2020 , 1-11	6.9	18
36	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021 , 24, 1176-1186	18.5	17
35	Narrow-sense heritability estimation of complex traits using identity-by-descent information. <i>Heredity</i> , 2018 , 121, 616-630	3.6	14
34	Minnesota Center for Twin and Family Research. <i>Twin Research and Human Genetics</i> , 2019 , 22, 746-752	2.2	14
33	Gamma-aminobutyric acid system genes--no evidence for a role in alcohol use and abuse in a community-based sample. <i>Alcoholism: Clinical and Experimental Research</i> , 2014 , 38, 938-47	3.7	12
32	An exploration of the base rate scores of the Millon Clinical Multiaxial Inventory-III. <i>Psychological Assessment</i> , 2009 , 21, 57-67	5.3	12
31	Associations between adolescent cannabis use and young-adult functioning in three longitudinal twin studies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	12

30	Proper conditional analysis in the presence of missing data: Application to large scale meta-analysis of tobacco use phenotypes. <i>PLoS Genetics</i> , 2018 , 14, e1007452	6	11
29	An assessment of the individual and collective effects of variants on height using twins and a developmentally informative study design. <i>PLoS Genetics</i> , 2011 , 7, e1002413	6	10
28	Multivariate analysis of 1.5 million people identifies genetic associations with traits related to self-regulation and addiction. <i>Nature Neuroscience</i> , 2021 , 24, 1367-1376	25.5	10
27	Deep Sequencing of 71 Candidate Genes to Characterize Variation Associated with Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 711-718	3.7	8
26	Genes for Good: Engaging the Public in Genetics Research via Social Media. <i>American Journal of Human Genetics</i> , 2019 , 105, 65-77	11	8
25	The role of constraint in the development of nicotine, marijuana, and alcohol dependence in young adulthood. <i>Behavior Genetics</i> , 2014 , 44, 14-24	3.2	8
24	Comparison of methods that use whole genome data to estimate the heritability and genetic architecture of complex traits		8
23	A computational method for genotype calling in family-based sequencing data. <i>BMC Bioinformatics</i> , 2016 , 17, 37	3.6	6
22	Best practices: The electronic medical record is an invaluable clinical tool: let's start using it. <i>Psychiatric Services</i> , 2013 , 64, 946-9	3.3	6
21	Multivariate genomic analysis of 1.5 million people identifies genes related to addiction, antisocial behavior, and health		6
20	Validating Online Measures of Cognitive Ability in Genes for Good, a Genetic Study of Health and Behavior. <i>Assessment</i> , 2020 , 27, 136-148	3.7	5
19	Adolescent Externalizing Psychopathology and Its Prospective Relationship to Marijuana Use Development from Age 14 to 30: Replication Across Independent Longitudinal Twin Samples. <i>Behavior Genetics</i> , 2020 , 50, 139-151	3.2	3
18	Expanding the Genetic Architecture of Nicotine Dependence and its Shared Genetics with Multiple Traits: Findings from the Nicotine Dependence GenOmics (iNDiGO) Consortium		3
17	Polygenic Risk Score for Smoking is associated with Externalizing Psychopathology and Disinhibited Personality Traits but not Internalizing Psychopathology in Adolescence		3
16	Dissecting the genetic overlap of smoking behaviors, lung cancer, and chronic obstructive pulmonary disease: A focus on nicotinic receptors and nicotine metabolizing enzyme. <i>Genetic Epidemiology</i> , 2020 , 44, 748-758	2.6	3
15	Model-based assessment of replicability for genome-wide association meta-analysis. <i>Nature Communications</i> , 2021 , 12, 1964	17.4	3
14	THE ART OF SMART SCIENCE: WEAVING THEORY AND RISKY STUDY DESIGN INTO PSYCHOPATHOLOGY RESEARCH AND RDOC. <i>Psychological Inquiry</i> , 2015 , 26, 286-292	2	2
13	Alcohol and Nicotine Polygenic Scores are Associated with the Development of Alcohol and Nicotine Use Problems from Adolescence through Young Adulthood		2

12	Genetic architecture of four smoking behaviors using partitioned SNP heritability. <i>Addiction</i> , 2021 , 116, 2498-2508	4.6	2
11	Polygenic Score for Smoking is associated with Externalizing Psychopathology and Disinhibited Personality Traits but not Internalizing Psychopathology in Adolescence.. <i>Clinical Psychological Science</i> , 2021 , 9, 1205-1213	6	2
10	Adolescent cannabis use and adult psychoticism: A longitudinal co-twin control analysis using data from two cohorts. <i>Journal of Abnormal Psychology</i> , 2021 , 130, 691-701	7	2
9	Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. <i>Drug and Alcohol Dependence</i> , 2021 , 227, 108946	4.9	2
8	Association Analysis and Meta-Analysis of Multi-Allelic Variants for Large-Scale Sequence Data. <i>Genes</i> , 2020 , 11,	4.2	1
7	Bayesian Forecasting with a Regime-Switching Zero-Inflated Multilevel Poisson Regression Model: An Application to Adolescent Alcohol Use with Spatial Covariates.. <i>Psychometrika</i> , 2022 , 1	2.2	1
6	Genetic architecture of four smoking behaviors using partitioned h2SNP		1
5	Mechanisms of parent-child transmission of tobacco and alcohol use with polygenic risk scores: Evidence for a genetic nurture effect. <i>Developmental Psychology</i> , 2021 , 57, 796-804	3.7	1
4	Developmental and etiological patterns of substance use from adolescence to middle age: A longitudinal twin study.. <i>Drug and Alcohol Dependence</i> , 2022 , 233, 109378	4.9	1
3	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. <i>Psychological Medicine</i> , 1-11	6.9	0
2	Using multivariate endophenotypes to identify psychophysiological mechanisms associated with polygenic scores for substance use, schizophrenia, and education attainment. <i>Psychological Medicine</i> , 2021 , 1-11	6.9	0
1	Polygenic scores for smoking and educational attainment have independent influences on academic success and adjustment in adolescence and educational attainment in adulthood. <i>PLoS ONE</i> , 2021 , 16, e0255348	3.7	0