

Scott I Vrieze

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

12,195
citations

270111

25
h-index

145109

60
g-index

73
all docs

73
docs citations

73
times ranked

23743
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2023, 53, 2296-2306.	2.7	7
2	Genetic correlation, pleiotropy, and causal associations between substance use and psychiatric disorder. <i>Psychological Medicine</i> , 2022, 52, 968-978.	2.7	41
3	Alcohol and nicotine polygenic scores are associated with the development of alcohol and nicotine use problems from adolescence to young adulthood. <i>Addiction</i> , 2022, 117, 1117-1127.	1.7	11
4	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.	1.2	3
5	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.	1.6	5
6	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.	13.7	1,069
7	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.	2.7	3
8	Genetic architecture of four smoking behaviors using partitioned SNP heritability. <i>Addiction</i> , 2021, 116, 2498-2508.	1.7	14
9	Model-based assessment of replicability for genome-wide association meta-analysis. <i>Nature Communications</i> , 2021, 12, 1964.	5.8	24
10	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, .	3.3	28
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.	2.4	7
12	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.	1.2	6
13	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021, 24, 1176-1186.	7.1	48
14	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.	7.1	137
15	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.	1.1	4
16	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.	2.0	5
17	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.	1.6	19
18	Validating Online Measures of Cognitive Ability in Genes for Good, a Genetic Study of Health and Behavior. <i>Assessment</i> , 2020, 27, 136-148.	1.9	7

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19	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020, 25, 2392-2409.	4.1	83
20	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020, 7, 1032-1045.	3.7	200
21	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.	0.6	7
22	Expanding the genetic architecture of nicotine dependence and its shared genetics with multiple traits. <i>Nature Communications</i> , 2020, 11, 5562.	5.8	80
23	Association Analysis and Meta-Analysis of Multi-Allelic Variants for Large-Scale Sequence Data. <i>Genes</i> , 2020, 11, 586.	1.0	3
24	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.	1.4	6
25	Genes for Good: Engaging the Public in Genetics Research via Social Media. <i>American Journal of Human Genetics</i> , 2019, 105, 65-77.	2.6	16
26	Minnesota Center for Twin and Family Research. <i>Twin Research and Human Genetics</i> , 2019, 22, 746-752.	0.3	27
27	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.	9.4	1,307
28	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.	0.7	69
29	Narrow-sense heritability estimation of complex traits using identity-by-descent information. <i>Heredity</i> , 2018, 121, 616-630.	1.2	20
30	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.	9.4	205
31	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018, 21, 1656-1669.	7.1	490
32	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.	9.4	893
33	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.	1.5	18
34	Behavioral impact of return of genetic test results for complex disease: Systematic review and meta-analysis. <i>Health Psychology</i> , 2018, 37, 1134-1144.	1.3	45
35	Deep Sequencing of 71 Candidate Genes to Characterize Variation Associated with Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 711-718.	1.4	13
36	Endophenotype best practices. <i>International Journal of Psychophysiology</i> , 2017, 111, 115-144.	0.5	62

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37	Next-generation genotype imputation service and methods. <i>Nature Genetics</i> , 2016, 48, 1284-1287.	9.4	2,828
38	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016, 48, 1279-1283.	9.4	2,421
39	A computational method for genotype calling in family-based sequencing data. <i>BMC Bioinformatics</i> , 2016, 17, 37.	1.2	8
40	The Art of Smart Science: Weaving Theory and Risky Study Design Into Psychopathology Research and RDOC. <i>Psychological Inquiry</i> , 2015, 26, 286-292.	0.4	2
41	The Power of Theory, Research Design, and Transdisciplinary Integration in Moving Psychopathology Forward. <i>Psychological Inquiry</i> , 2015, 26, 209-230.	0.4	25
42	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, 975-983.	1.4	92
43	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, 938-947.	1.4	14
44	Genetic associations of nonsynonymous exonic variants with psychophysiological endophenotypes. <i>Psychophysiology</i> , 2014, 51, 1300-1308.	1.2	21
45	In search of rare variants: Preliminary results from whole genome sequencing of 1,325 individuals with psychophysiological endophenotypes. <i>Psychophysiology</i> , 2014, 51, 1309-1320.	1.2	25
46	The Role of Constraint in the Development of Nicotine, Marijuana, and Alcohol Dependence in Young Adulthood. <i>Behavior Genetics</i> , 2014, 44, 14-24.	1.4	9
47	Rare Nonsynonymous Exonic Variants in Addiction and Behavioral Disinhibition. <i>Biological Psychiatry</i> , 2014, 75, 783-789.	0.7	41
48	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.	1.4	91
49	A Genome-Wide Association Study of Behavioral Disinhibition. <i>Behavior Genetics</i> , 2013, 43, 363-373.	1.4	119
50	Best Practices: The Electronic Medical Record Is an Invaluable Clinical Tool: Let's Start Using It. <i>Psychiatric Services</i> , 2013, 64, 946-949.	1.1	7
51	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, 1073-1081.	4.0	65
52	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, 228-243.	2.7	1,160
53	Confluence of genes, environment, development, and behavior in a post Genome-Wide Association Study world. <i>Development and Psychopathology</i> , 2012, 24, 1195-1214.	1.4	43
54	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.	1.8	44

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55	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, 459-470.	3.5	24
56	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.	1.5	11
57	Multidimensional assessment of criminal recidivism: Problems, pitfalls, and proposed solutions.. <i>Psychological Assessment</i> , 2010, 22, 382-395.	1.2	26
58	An exploration of the base rate scores of the Millon Clinical Multiaxial Inventory-III.. <i>Psychological Assessment</i> , 2009, 21, 57-67.	1.2	15
59	Survey on the use of clinical and mechanical prediction methods in clinical psychology.. <i>Professional Psychology: Research and Practice</i> , 2009, 40, 525-531.	0.6	53
60	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, 266-278.	0.6	27