Verena Zuber

List of Publications by Year
in descending order

65 papers	3,059 citations	159525 30 h-index	214721 47 g-index
82 all docs	82 docs citations	82 times ranked	5535 citing authors

#	Article	IF	Citations
1	Inferring Causal Relationships Between Risk Factors and Outcomes from Genome-Wide Association Study Data. Annual Review of Genomics and Human Genetics, 2018, 19, 303-327.	2.5	163
2	Polygenic hazard score to guide screening for aggressive prostate cancer: development and validation in large scale cohorts. BMJ: British Medical Journal, 2018, 360, j5757.	2.4	153
3	Shared mechanisms between coronary heart disease and depression: findings from a large UK general population-based cohort. Molecular Psychiatry, 2020, 25, 1477-1486.	4.1	153
4	Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors. JAMA - Journal of the American Medical Association, 2018, 320, 2553.	3.8	152
5	Mendelian randomization with fine‐mapped genetic data: Choosing from large numbers of correlated instrumental variables. Genetic Epidemiology, 2017, 41, 714-725.	0.6	122
6	A cross-platform approach identifies genetic regulators of human metabolism and health. Nature Genetics, 2021, 53, 54-64.	9.4	117
7	Selecting likely causal risk factors from high-throughput experiments using multivariable Mendelian randomization. Nature Communications, 2020, 11, 29.	5.8	112
8	High-Dimensional Regression and Variable Selection Using CAR Scores. Statistical Applications in Genetics and Molecular Biology, 2011, 10, .	0.2	104
9	Combining evidence from Mendelian randomization and colocalization: Review and comparison of approaches. American Journal of Human Genetics, 2022, 109, 767-782.	2.6	101
10	Cardiometabolic Traits, Sepsis, and Severe COVID-19. Circulation, 2020, 142, 1791-1793.	1.6	93
11	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. Biological Psychiatry, 2016, 80, 284-292.	0.7	92
12	Identifying Common Genetic Variants in Blood Pressure Due to Polygenic Pleiotropy With Associated Phenotypes. Hypertension, 2014, 63, 819-826.	1.3	83
13	Genetic Determinants of Lipids and Cardiovascular Disease Outcomes. Circulation Genomic and Precision Medicine, 2019, 12, e002711.	1.6	83
14	Gene ranking and biomarker discovery under correlation. Bioinformatics, 2009, 25, 2700-2707.	1.8	82
15	Urate, Blood Pressure, and Cardiovascular Disease. Hypertension, 2021, 77, 383-392.	1.3	75
16	Modal-based estimation via heterogeneity-penalized weighting: model averaging for consistent and efficient estimation in Mendelian randomization when a plurality of candidate instruments are valid. International Journal of Epidemiology, 2018, 47, 1242-1254.	0.9	65
17	Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment. Schizophrenia Bulletin, 2017, 43, sbw085.	2.3	56
18	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. Circulation Research, 2016, 118, 83-94.	2.0	52

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19	High-throughput multivariable Mendelian randomization analysis prioritizes apolipoprotein B as key lipid risk factor for coronary artery disease. International Journal of Epidemiology, 2021, 50, 893-901.	0.9	52
20	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. Nature Communications, 2021, 12, 2579.	5.8	51
21	Ghrelin alone or co-administered with GHRH or CRH increases non-REM sleep and decreases REM sleep in young males. Psychoneuroendocrinology, 2008, 33, 497-506.	1.3	49
22	Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease. Circulation, 2021, 144, 353-364.	1.6	47
23	Genetic variation in cervical preinvasive and invasive disease: a genome-wide association study. Lancet Oncology, The, 2021, 22, 548-557.	5.1	46
24	Shared common variants in prostate cancer and blood lipids. International Journal of Epidemiology, 2014, 43, 1205-1214.	0.9	45
25	Sleep, major depressive disorder, and Alzheimer disease. Neurology, 2020, 95, e1963-e1970.	1.5	45
26	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis. BMC Medicine, 2022, 20, 3.	2.3	41
27	Abundant Genetic Overlap between Blood Lipids and Immune-Mediated Diseases Indicates Shared Molecular Genetic Mechanisms. PLoS ONE, 2015, 10, e0123057.	1.1	40
28	Ghrelin administered in the early morning increases secretion of cortisol and growth hormone without affecting sleep. Psychoneuroendocrinology, 2007, 32, 287-292.	1.3	39
29	Risk factors mediating the effect of body mass index and waist-to-hip ratio on cardiovascular outcomes: Mendelian randomization analysis. International Journal of Obesity, 2021, 45, 1428-1438.	1.6	39
30	Ghrelin enhances the nocturnal secretion of cortisol and growth hormone in young females without influencing sleep. Psychoneuroendocrinology, 2007, 32, 1079-1085.	1.3	38
31	A correction for sample overlap in genome-wide association studies in a polygenic pleiotropy-informed framework. BMC Genomics, 2018, 19, 494.	1.2	37
32	Leveraging Genomic Annotations and Pleiotropic Enrichment for Improved Replication Rates in Schizophrenia GWAS. PLoS Genetics, 2016, 12, e1005803.	1.5	34
33	Meta-analysis of prostate cancer gene expression data identifies a novel discriminatory signature enriched for glycosylating enzymes. BMC Medical Genomics, 2014, 7, 513.	0.7	33
34	Identification of shared genetic variants between schizophrenia and lung cancer. Scientific Reports, 2018, 8, 674.	1.6	33
35	A Loss-of-Function Variant in a Minor Isoform of ANK3 Protects Against Bipolar Disorder and Schizophrenia. Biological Psychiatry, 2016, 80, 323-330.	0.7	31
36	Beyond factor H: The impact of genetic-risk variants for age-related macular degeneration on circulating factor-H-like 1 and factor-H-related protein concentrations. American Journal of Human Genetics, 2021, 108, 1385-1400.	2.6	30

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37	Genetically predicted circulating concentrations of micronutrients and risk of colorectal cancer among individuals of European descent: a Mendelian randomization study. American Journal of Clinical Nutrition, 2021, 113, 1490-1502.	2.2	27
38	Bromodomain protein 4 discriminates tissue-specific super-enhancers containing disease-specific susceptibility loci in prostate and breast cancer. BMC Genomics, 2017, 18, 270.	1.2	26
39	MicroRNAs enrichment in GWAS of complex human phenotypes. BMC Genomics, 2015, 16, 304.	1.2	24
40	Lipid traits and type 2 diabetes risk in African ancestry individuals: A Mendelian Randomization study. EBioMedicine, 2022, 78, 103953.	2.7	23
41	An Empirical Bayes Mixture Model for Effect Size Distributions in Genome-Wide Association Studies. PLoS Genetics, 2015, 11, e1005717.	1.5	22
42	Education, biological ageing, all-cause and cause-specific mortality and morbidity: UK biobank cohort study. EClinicalMedicine, 2020, 29-30, 100658.	3.2	22
43	The relationship between lipoprotein A and other lipids with prostate cancer risk: A multivariable Mendelian randomisation study. PLoS Medicine, 2022, 19, e1003859.	3.9	20
44	The link between attention deficit hyperactivity disorder (ADHD) symptoms and obesity-related traits: genetic and prenatal explanations. Translational Psychiatry, 2021, 11, 455.	2.4	19
45	Altered nocturnal growth hormone (GH) secretion in obsessive compulsive disorder. Psychoneuroendocrinology, 2006, 31, 1098-1104.	1.3	18
46	Pleiotropic Analysis of Lung Cancer and Blood Triglycerides. Journal of the National Cancer Institute, 2016, 108, djw167.	3.0	17
47	Impact of Genetically Predicted Red Blood Cell Traits on Venous Thromboembolism: Multivariable Mendelian Randomization Study Using UK Biobank. Journal of the American Heart Association, 2020, 9, e016771.	1.6	17
48	Genetically Predicted Midlife Blood Pressure and Coronary Artery Disease Risk: Mendelian Randomization Analysis. Journal of the American Heart Association, 2020, 9, e016773.	1.6	17
49	A novel algorithm for simultaneous SNP selection in high-dimensional genome-wide association studies. BMC Bioinformatics, 2012, 13, 284.	1.2	15
50	Genetic Sharing with Cardiovascular Disease Risk Factors and Diabetes Reveals Novel Bone Mineral Density Loci. PLoS ONE, 2015, 10, e0144531.	1.1	14
51	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores. BMC Medicine, 2022, 20, 34.	2.3	14
52	Serum RNAs can predict lung cancer up to 10 years prior to diagnosis. ELife, 2022, 11, .	2.8	14
53	Identification and Validation of Leucine-rich α-2-glycoprotein 1 as a Noninvasive Biomarker for Improved Precision in Prostate Cancer Risk Stratification. European Urology Open Science, 2020, 21, 51-60.	0.2	13
54	Genetic Evidence for Repurposing of GLP1R (Glucagon–Like Peptide–1 Receptor) Agonists to Prevent Heart Failure. Journal of the American Heart Association, 2021, 10, e020331.	1.6	13

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55	Triangulating Molecular Evidence to Prioritize Candidate Causal Genes at Established Atopic Dermatitis Loci. Journal of Investigative Dermatology, 2021, 141, 2620-2629.	0.3	12
56	ACE inhibition and cardiometabolic risk factors, lung *ACE2* and *TMPRSS2* gene expression, and plasma ACE2 levels: a Mendelian randomization study. Royal Society Open Science, 2020, 7, 200958.	1.1	12
57	Correlation-adjusted regression survival scores for high-dimensional variable selection. Statistics in Medicine, 2019, 38, 2413-2427.	0.8	11
58	Leveraging Genetic Data to Elucidate the Relationship Between COVID-19 and Ischemic Stroke. Journal of the American Heart Association, 2021, 10, e022433.	1.6	11
59	Task-Related Edge Density (TED)—A New Method for Revealing Dynamic Network Formation in fMRI Data of the Human Brain. PLoS ONE, 2016, 11, e0158185.	1.1	10
60	Leveraging human genetic data to investigate the cardiometabolic effects of glucose-dependent insulinotropic polypeptide signalling. Diabetologia, 2021, 64, 2773-2778.	2.9	7
61	Cross-tissue eQTL enrichment of associations in schizophrenia. PLoS ONE, 2018, 13, e0202812.	1.1	6
62	MethylCal: Bayesian calibration of methylation levels. Nucleic Acids Research, 2019, 47, e81-e81.	6.5	5
63	Transparent thin shield for radio frequency transmit coils. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2015, 28, 49-56.	1.1	2
64	Accurate Measurement of DNA Methylation: Challenges and Bias Correction. Methods in Molecular Biology, 2022, 2432, 25-47.	0.4	1
65	Correlation bundle statistics in fMRI data. , 2014, , .		0