Minxian Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4193014/publications.pdf

Version: 2024-02-01

33 papers	1,570 citations	471509 17 h-index	414414 32 g-index
39 all docs	39 docs citations	39 times ranked	2723 citing authors

#	Article	IF	Citations
1	Polygenic background modifies penetrance of monogenic variants for tier 1 genomic conditions. Nature Communications, 2020, 11, 3635.	12.8	277
2	Polygenic basis and biomedical consequences of telomere length variation. Nature Genetics, 2021, 53, 1425-1433.	21.4	145
3	Analysis of cardiac magnetic resonance imaging in 36,000 individuals yields genetic insights into dilated cardiomyopathy. Nature Communications, 2020, 11, 2254.	12.8	140
4	Association of Habitual Alcohol Intake With Risk of Cardiovascular Disease. JAMA Network Open, 2022, 5, e223849.	5.9	136
5	Lp(a) (Lipoprotein[a]) Concentrations and Incident Atherosclerotic Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 465-474.	2.4	104
6	Validation of a Genome-Wide PolygenicÂScore for Coronary ArteryÂDisease inÂSouth Asians. Journal of the American College of Cardiology, 2020, 76, 703-714.	2.8	76
7	Association of Rare Pathogenic DNA Variants for Familial Hypercholesterolemia, Hereditary Breast and Ovarian Cancer Syndrome, and Lynch Syndrome With Disease Risk in Adults According to Family History. JAMA Network Open, 2020, 3, e203959.	5.9	75
8	Quantifying and Understanding the Higher Risk of Atherosclerotic Cardiovascular Disease Among South Asian Individuals. Circulation, 2021, 144, 410-422.	1.6	72
9	UBD modifies APOL1 -induced kidney disease risk. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3446-3451.	7.1	52
10	Disease-causing mutation in Î±-actinin-4 promotes podocyte detachment through maladaptation to periodic stretch. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1517-1522.	7.1	51
11	Inherited basis of visceral, abdominal subcutaneous and gluteofemoral fat depots. Nature Communications, 2022, 13, .	12.8	43
12	Contributions of Rare Gene Variants to Familial and Sporadic FSGS. Journal of the American Society of Nephrology: JASN, 2019, 30, 1625-1640.	6.1	42
13	Machine learning enables new insights into genetic contributions to liver fat accumulation. Cell Genomics, 2021, 1, 100066.	6.5	34
14	Rare Genetic Variants Associated With Sudden Cardiac Death in Adults. Journal of the American College of Cardiology, 2019, 74, 2623-2634.	2.8	27
15	APOL1-Associated Kidney Disease in Brazil. Kidney International Reports, 2019, 4, 923-929.	0.8	24
16	Evaluating the Potential of T Cell Receptor Repertoires in Predicting the Prognosis of Resectable Non-Small Cell Lung Cancers. Molecular Therapy - Methods and Clinical Development, 2020, 18, 73-83.	4.1	24
17	Rare coding variants in 35 genes associate with circulating lipid levelsâ€"A multi-ancestry analysis of 170,000 exomes. American Journal of Human Genetics, 2022, 109, 81-96.	6.2	24
18	Volanesorsen, Familial Chylomicronemia Syndrome, and Thrombocytopenia. New England Journal of Medicine, 2019, 381, 2582-2584.	27.0	21

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19	Detecting Recent Positive Selection with High Accuracy and Reliability by Conditional Coalescent Tree. Molecular Biology and Evolution, 2014, 31, 3068-3080.	8.9	20
20	Phosphorylation of ACTN4 Leads to Podocyte Vulnerability and Proteinuric Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2020, 31, 1479-1495.	6.1	19
21	Association of the Interaction Between Familial Hypercholesterolemia Variants and Adherence to a Healthy Lifestyle With Risk of Coronary Artery Disease. JAMA Network Open, 2022, 5, e222687.	5.9	17
22	DGAT2 Inhibition Potentiates Lipid Droplet Formation To Reduce Cytotoxicity in APOL1 Kidney Risk Variants. Journal of the American Society of Nephrology: JASN, 2022, 33, 889-907.	6.1	15
23	Association of Pathogenic DNA Variants Predisposing to Cardiomyopathy With Cardiovascular Disease Outcomes and All-Cause Mortality. JAMA Cardiology, 2022, 7, 723.	6.1	15
24	Composition and Interactions of Hepatitis B Virus Quasispecies Defined the Virological Response During Telbivudine Therapy. Scientific Reports, 2015, 5, 17123.	3.3	14
25	Autosomal Dominant Tubulointerstitial Kidney Diseaseâ€"Uromodulin Misclassified as Focal Segmental Glomerulosclerosis or Hereditary Glomerular Disease. Kidney International Reports, 2020, 5, 519-529.	0.8	14
26	De novo TRIM8 variants impair its protein localization to nuclear bodies and cause developmental delay, epilepsy, and focal segmental glomerulosclerosis. American Journal of Human Genetics, 2021, 108, 357-367.	6.2	14
27	A probabilistic method for testing and estimating selection differences between populations. Genome Research, 2015, 25, 1903-1909.	5.5	10
28	Genetic Predictor to Identify Individuals With High Lipoprotein(a) Concentrations. Circulation Genomic and Precision Medicine, 2021, 14, e003182.	3.6	10
29	Rare, Damaging DNA Variants in CORIN and Risk of Coronary Artery Disease: Insights From Functional Genomics and Large-Scale Sequencing Analyses. Circulation Genomic and Precision Medicine, 2021, 14, e003399.	3.6	10
30	Genome-Wide Polygenic Score and Cardiovascular Outcomes With Evacetrapib in Patients With High-Risk Vascular Disease. Circulation Genomic and Precision Medicine, 2020, 13, e002767.	3.6	9
31	Resolving ambiguity in the phylogenetic relationship of genotypes A, B, and C of hepatitis B virus. BMC Evolutionary Biology, 2013, 13, 120.	3.2	2
32	South Asian Patient Population Genetics Reveal Strong Founder Effects and High Rates of Homozygosity â€“ New Resources for Precision Medicine. SSRN Electronic Journal, 0, , .	0.4	2
33	A Monte Carlo Permutation Test for Random Mating Using Genome Sequences. PLoS ONE, 2013, 8, e71496.	2.5	1