

The Genotype-Tissue Expression (GTEx) project

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Identification and systematic annotation of tissue-specific differentially methylated regions using the Illumina 450k array. <i>Epigenetics and Chromatin</i> , 2013, 6, 26.	1.8	192
3	RNA-Seq optimization with eQTL gold standards. <i>BMC Genomics</i> , 2013, 14, 892.	1.2	24
4	Gene expression database scales up, providing baseline data. <i>Nature Medicine</i> , 2013, 19, 799-799.	15.2	0
5	Genetics of human gene expression. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 627-634.	1.5	25
6	Systems biology approaches to epidemiological studies of complex diseases. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 677-686.	6.6	9
7	Genome-wide expression quantitative trait loci analysis in asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2013, 13, 487-494.	1.1	19
8	Normalizing RNA-Sequencing Data by Modeling Hidden Covariates with Prior Knowledge. <i>PLoS ONE</i> , 2013, 8, e68141.	1.1	68
9	Refining Susceptibility Loci of Chronic Obstructive Pulmonary Disease with Lung eqtls. <i>PLoS ONE</i> , 2013, 8, e70220.	1.1	66
10	Integrative Data Mining Highlights Candidate Genes for Monogenic Myopathies. <i>PLoS ONE</i> , 2014, 9, e110888.	1.1	16
11	A genome-wide association study identifies susceptibility loci of silica-related pneumoconiosis in Han Chinese. <i>Human Molecular Genetics</i> , 2014, 23, 6385-6394.	1.4	24
12	Genome-wide scans of genetic variants for psychophysiological endophenotypes: A methodological overview. <i>Psychophysiology</i> , 2014, 51, 1207-1224.	1.2	28
13	The Challenge of Next Generation Sequencing in the Context of Neuromuscular Diseases. <i>Journal of Neuromuscular Diseases</i> , 2014, 1, 135-149.	1.1	25
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15	OncoCis: annotation of cis-regulatory mutations in cancer. <i>Genome Biology</i> , 2014, 15, 485.	3.8	22
16	Allelic mapping bias in RNA-sequencing is not a major confounder in eQTL studies. <i>Genome Biology</i> , 2014, 15, 467.	3.8	67
17	Prediction of LDL cholesterol response to statin using transcriptomic and genetic variation. <i>Genome Biology</i> , 2014, 15, 460.	3.8	26
18	Current status and new features of the Consensus Coding Sequence database. <i>Nucleic Acids Research</i> , 2014, 42, D865-D872.	6.5	140
19	Combining genetic and nongenetic biomarkers to realize the promise of pharmacogenomics for inflammatory diseases. <i>Pharmacogenomics</i> , 2014, 15, 1931-1940.	0.6	7

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21	How can genetics and epigenetics help the nephrologist improve the diagnosis and treatment of chronic kidney disease patients?. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 972-980.	0.4	13
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23	Identification of candidate susceptibility genes for colorectal cancer through eQTL analysis. <i>Carcinogenesis</i> , 2014, 35, 2039-2046.	1.3	60
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1122	Human Urinary mRNA as a Biomarker of Cardiovascular Disease. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002213.	1.6	25
1123	Context-specific interactions in literature-curated protein interaction databases. <i>BMC Genomics</i> , 2018, 19, 758.	1.2	22
1124	Systematic interrogation of diverse Omic data reveals interpretable, robust, and generalizable transcriptomic features of clinically successful therapeutic targets. <i>PLoS Computational Biology</i> , 2018, 14, e1006142.	1.5	22

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1595	POGLUT1, the putative effector gene driven by rs2293370 in primary biliary cholangitis susceptibility locus chromosome 3q13.33. <i>Scientific Reports</i> , 2019, 9, 102.	1.6	23
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1895	Evidence for a Causal Role of the <i>SH2B3</i> $\hat{2}$ M Axis in Blood Pressure Regulation. <i>Hypertension</i> , 2019, 73, 497-503.	1.3	11
1896	Formatting biological big data for modern machine learning in drug discovery. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2019, 9, e1408.	6.2	17
1897	Noncoding rare variants of <i>TBX6</i> in congenital anomalies of the kidney and urinary tract. <i>Molecular Genetics and Genomics</i> , 2019, 294, 493-500.	1.0	8
1898	Mining data and metadata from the gene expression omnibus. <i>Biophysical Reviews</i> , 2019, 11, 103-110.	1.5	67
1899	High-Throughput Sequencing in Respiratory, Critical Care, and Sleep Medicine Research. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1-16.	1.5	9
1900	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019, 10, 29.	5.8	113
1901	Identification and characterization of an alternative cancer-derived PD-L1 splice variant. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 407-420.	2.0	53

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1902	On the origin of proteins in human drusen: The meet, greet and stick hypothesis. <i>Progress in Retinal and Eye Research</i> , 2019, 70, 55-84.	7.3	77
1903	Association Study of ARMC9 Gene Variants with Vogt-Koyanagi-Harada Disease in Japanese Patients. <i>Ocular Immunology and Inflammation</i> , 2019, 27, 699-705.	1.0	3
1904	B cells in esophago-gastric adenocarcinoma are highly differentiated, organize in tertiary lymphoid structures and produce tumor-specific antibodies. <i>Oncolmmunology</i> , 2019, 8, e1512458.	2.1	42
1905	High Prevalence of a Hotspot of Noncoding Somatic Mutations in Intron 6 of <i>GPR126</i> in Bladder Cancer. <i>Molecular Cancer Research</i> , 2019, 17, 469-475.	1.5	18
1906	Trafficking of the human ether-a-go-go-related gene (hERG) potassium channel is regulated by the ubiquitin ligase rififylin (RFFL). <i>Journal of Biological Chemistry</i> , 2019, 294, 351-360.	1.6	11
1907	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. <i>Nature Genetics</i> , 2019, 51, 63-75.	9.4	1,594
1908	Biallelic disruption of <i>PKDCC</i> is associated with a skeletal disorder characterised by rhizomelic shortening of extremities and dysmorphic features. <i>Journal of Medical Genetics</i> , 2019, 56, 850-854.	1.5	13
1909	Trypsin-encoding <i>PRSS1-PRSS2</i> variations influence the risk of asparaginase-associated pancreatitis in children with acute lymphoblastic leukemia: a Ponte di Legno toxicity working group report. <i>Haematologica</i> , 2019, 104, 556-563.	1.7	36
1910	Integrative approach identifies corticosteroid response variant in diverse populations with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1791-1802.	1.5	33
1911	Admixture mapping identifies novel loci for obstructive sleep apnea in Hispanic/Latino Americans. <i>Human Molecular Genetics</i> , 2019, 28, 675-687.	1.4	41
1912	Predicting Novel Therapies and Targets: Regulation of Notch3 by the Bromodomain Protein BRD4. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 421-436.	1.9	10
1913	Genetic variations in the ADCK1 gene predict paliperidone palmitate efficacy in Han Chinese patients with schizophrenia. <i>Journal of Neural Transmission</i> , 2019, 126, 19-25.	1.4	6
1914	<i>Interleukin 10</i> gene promoter polymorphisms (rs1800896, rs1800871 and rs1800872) and haplotypes are associated with the activity of <i>systemic lupus erythematosus</i> and IL10 levels in an Iranian population. <i>International Journal of Immunogenetics</i> , 2019, 46, 20-30.	0.8	21
1915	Novel Treatment of Hypertension by Specifically Targeting E2F for Restoration of Endothelial Dihydrofolate Reductase and eNOS Function Under Oxidative Stress. <i>Hypertension</i> , 2019, 73, 179-189.	1.3	22
1916	Development and evaluation of a transfusion medicine genome wide genotyping array. <i>Transfusion</i> , 2019, 59, 101-111.	0.8	30
1917	Using Next-Generation Sequencing Transcriptomics To Determine Markers of Post-traumatic Symptoms: Preliminary Findings from a Post-deployment Cohort of Soldiers. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 463-471.	0.8	7
1918	Sex differences in gene expression in response to ischemia in the human left ventricular myocardium. <i>Human Molecular Genetics</i> , 2019, 28, 1682-1693.	1.4	26
1919	The HNF1-Regulated LncRNA HNF1-AS1 Is Involved in the Regulation of Cytochrome P450 Expression in Human Liver Tissues and Huh7 Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 353-362.	1.3	23

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1920	Genetic correlation between multiple myeloma and chronic lymphocytic leukaemia provides evidence for shared aetiology. <i>Blood Cancer Journal</i> , 2019, 9, 1.	2.8	40
1921	Phosphatidylglycerols are induced by gut dysbiosis and inflammation, and favorably modulate adipose tissue remodeling in obesity. <i>FASEB Journal</i> , 2019, 33, 4741-4754.	0.2	27
1922	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019, 73, 58-66.	1.2	147
1923	Evidence for DNA methylation mediating genetic liability to non-syndromic cleft lip/palate. <i>Epigenomics</i> , 2019, 11, 133-145.	1.0	25
1924	Analysis of MUTYH alternative transcript expression, promoter function, and the effect of human genetic variants. <i>Human Mutation</i> , 2019, 40, 472-482.	1.1	5
1925	Predicting Splicing from Primary Sequence with Deep Learning. <i>Cell</i> , 2019, 176, 535-548.e24.	13.5	1,305
1926	Sex hormone-binding globulin provides a novel entry pathway for estradiol and influences subsequent signaling in lymphocytes via membrane receptor. <i>Scientific Reports</i> , 2019, 9, 4.	1.6	29
1927	Acetyl-CoA Metabolism Supports Multistep Pancreatic Tumorigenesis. <i>Cancer Discovery</i> , 2019, 9, 416-435.	7.7	184
1928	Ethanol activates immune response in lymphoblastoid cells. <i>Alcohol</i> , 2019, 79, 81-91.	0.8	17
1929	Insights into the roles of miRNAs; miR-193 as one of small molecular silencer in osteosarcoma therapy. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 873-881.	2.5	16
1930	PILAR1, a novel prognostic lncRNA, reveals the presence of a unique subtype of lung adenocarcinoma patients with KEAP1 mutations. <i>Gene</i> , 2019, 691, 167-175.	1.0	6
1931	A New Panel-Based Next-Generation Sequencing Method for ADME Genes Reveals Novel Associations of Common and Rare Variants With Expression in a Human Liver Cohort. <i>Frontiers in Genetics</i> , 2019, 10, 7.	1.1	37
1932	Integrative Genomics Analysis Identifies ACVR1B as a Candidate Causal Gene of Emphysema Distribution. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 388-398.	1.4	15
1933	Melatonin receptor 1B $\text{A}^{1193\text{T}}\text{C}$ polymorphism is associated with diurnal preference and sleep habits. <i>Sleep Medicine</i> , 2019, 53, 106-114.	0.8	10
1934	Established and emerging strategies to crack the genetic code of obesity. <i>Obesity Reviews</i> , 2019, 20, 212-240.	3.1	21
1935	Intragenic duplication of KCNQ5 gene results in aberrant splicing leading to a premature termination codon in a patient with intellectual disability. <i>European Journal of Medical Genetics</i> , 2019, 62, 103555.	0.7	22
1936	Genetic associations of T cell cancer immune response with tumor aggressiveness in localized prostate cancer patients and disease reclassification in an active surveillance cohort. <i>Oncology</i> , 2019, 8, e1483303.	2.1	7
1937	eQTL analysis from co-localization of 2739 GWAS loci detects associated genes across 14 human cancers. <i>Journal of Theoretical Biology</i> , 2019, 462, 240-246.	0.8	1

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1938	Tissue differences revealed by gene expression profiles of various cell lines. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7068-7081.	1.2	59
1939	A polymorphism in the Irisin-encoding gene (FNDC5) associates with hepatic steatosis by differential miRNA binding to the 3'UTR. <i>Journal of Hepatology</i> , 2019, 70, 494-500.	1.8	67
1940	Detection of Shared Balancing Selection in the Absence of Trans-Species Polymorphism. <i>Molecular Biology and Evolution</i> , 2019, 36, 177-199.	3.5	26
1941	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. <i>Human Molecular Genetics</i> , 2019, 28, 539-547.	1.4	46
1942	Genetic determinants of telomere length and risk of pancreatic cancer: A PANDORA study. <i>International Journal of Cancer</i> , 2019, 144, 1275-1283.	2.3	36
1943	CancerSplicingQTL: a database for genome-wide identification of splicing QTLs in human cancer. <i>Nucleic Acids Research</i> , 2019, 47, D909-D916.	6.5	61
1944	IQSEC2 mutation update and review of the female-specific phenotype spectrum including intellectual disability and epilepsy. <i>Human Mutation</i> , 2019, 40, 5-24.	1.1	36
1945	Analysis of opossum kidney NaPi-IIc sodium-dependent phosphate transporter to understand Pi handling in human kidney. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 313-324.	0.7	8
1946	The HLA ligandome landscape of chronic myeloid leukemia delineates novel T-cell epitopes for immunotherapy. <i>Blood</i> , 2019, 133, 550-565.	0.6	57
1947	A likelihood-based approach to transcriptome association analysis. <i>Statistics in Medicine</i> , 2019, 38, 1357-1373.	0.8	7
1948	A quantitative framework for characterizing the evolutionary history of mammalian gene expression. <i>Genome Research</i> , 2019, 29, 53-63.	2.4	78
1949	Integrating molecular networks with genetic variant interpretation for precision medicine. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2019, 11, e1443.	6.6	34
1950	Exome sequencing identifies a novel nonsense mutation of Ring Finger Protein 207 in a Chinese family with Long QT syndrome and syncope. <i>Journal of Human Genetics</i> , 2019, 64, 233-238.	1.1	8
1951	A comprehensive study revealed SNP-SNP interactions and a sex-dependent relationship between polymorphisms of the CYP2J2 gene and hypertension risk. <i>Hypertension Research</i> , 2019, 42, 257-272.	1.5	16
1952	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019, 51, 76-87.	9.4	377
1953	Drug Targetor: a web interface to investigate the human druggome for over 500 phenotypes. <i>Bioinformatics</i> , 2019, 35, 2515-2517.	1.8	16
1954	A genome-wide association study identifies new genes associated with developmental dysplasia of the hip. <i>Clinical Genetics</i> , 2019, 95, 345-355.	1.0	7
1955	Abnormal brown adipose tissue mitochondrial structure and function in IL10 deficiency. <i>EBioMedicine</i> , 2019, 39, 436-447.	2.7	22

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1956	The involvement of the canonical Wnt signaling receptor <i>LRP5</i> and <i>LRP6</i> gene variants with ADHD and sexual dimorphism: Association study and meta-analysis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 365-376.	1.1	16
1957	canSAR: update to the cancer translational research and drug discovery knowledgebase. <i>Nucleic Acids Research</i> , 2019, 47, D917-D922.	6.5	75
1958	Genetic predisposition to PEG-asparaginase hypersensitivity in children treated according to NOPHO ALL2008. <i>British Journal of Haematology</i> , 2019, 184, 405-417.	1.2	33
1959	Beyond a Binary Classification of Sex: An Examination of Brain Sex Differentiation, Psychopathology, and Genotype. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 787-798.	0.3	15
1960	Inferring disease-associated long non-coding RNAs using genome-wide tissue expression profiles. <i>Bioinformatics</i> , 2019, 35, 1494-1502.	1.8	28
1961	Estimating contribution of rare non-coding variants to neuropsychiatric disorders. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 2-10.	1.0	18
1962	De novo pattern discovery enables robust assessment of functional consequences of non-coding variants. <i>Bioinformatics</i> , 2019, 35, 1453-1460.	1.8	15
1963	HACER: an atlas of human active enhancers to interpret regulatory variants. <i>Nucleic Acids Research</i> , 2019, 47, D106-D112.	6.5	105
1964	Novel insight into the genetic basis of high-altitude pulmonary hypertension in Kyrgyz highlanders. <i>European Journal of Human Genetics</i> , 2019, 27, 150-159.	1.4	14
1965	Genetics of Hyperuricemia and Gout. , 2019, , 9-27.		0
1966	Histone variants: critical determinants in tumour heterogeneity. <i>Frontiers of Medicine</i> , 2019, 13, 289-297.	1.5	16
1967	psichomics: graphical application for alternative splicing quantification and analysis. <i>Nucleic Acids Research</i> , 2019, 47, e7-e7.	6.5	36
1968	Systematic review regulatory principles of non-coding RNAs in cardiovascular diseases. <i>Briefings in Bioinformatics</i> , 2019, 20, 66-76.	3.2	18
1969	Elucidating the editome: bioinformatics approaches for RNA editing detection. <i>Briefings in Bioinformatics</i> , 2019, 20, 436-447.	3.2	63
1970	Translational bioinformatics in mental health: open access data sources and computational biomarker discovery. <i>Briefings in Bioinformatics</i> , 2019, 20, 842-856.	3.2	16
1971	A review of databases predicting the effects of SNPs in miRNA genes or miRNA-binding sites. <i>Briefings in Bioinformatics</i> , 2019, 20, 1011-1020.	3.2	18
1972	Further evidence for the association between LRP8 and schizophrenia. <i>Schizophrenia Research</i> , 2020, 215, 499-505.	1.1	10
1973	Attention-deficit/hyperactivity disorder and lifetime cannabis use: genetic overlap and causality. <i>Molecular Psychiatry</i> , 2020, 25, 2493-2503.	4.1	59

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1974	A pharmacogenetic study implicates NINJ2 in the response to Interferon- γ in multiple sclerosis. Multiple Sclerosis Journal, 2020, 26, 1074-1082.	1.4	5
1975	arcasHLA: high-resolution HLA typing from RNAseq. Bioinformatics, 2020, 36, 33-40.	1.8	113
1976	The genomic basis of mood instability: identification of 46 loci in 363,705 UK Biobank participants, genetic correlation with psychiatric disorders, and association with gene expression and function. Molecular Psychiatry, 2020, 25, 3091-3099.	4.1	48
1977	Genetics of suicide attempts in individuals with and without mental disorders: a population-based genome-wide association study. Molecular Psychiatry, 2020, 25, 2410-2421.	4.1	124
1978	Identification of novel loci associated with infant cognitive ability. Molecular Psychiatry, 2020, 25, 3010-3019.	4.1	6
1979	Genetic heterogeneity in self-reported depressive symptoms identified through genetic analyses of the PHQ-9. Psychological Medicine, 2020, 50, 2385-2396.	2.7	46
1980	Diagnostic interpretation of genetic studies in patients with primary immunodeficiency diseases: A working group report of the Primary Immunodeficiency Diseases Committee of the American Academy of Allergy, Asthma & Immunology. Journal of Allergy and Clinical Immunology, 2020, 145, 46-69.	1.5	54
1981	ID1 Mediates Escape from TGF β Tumor Suppression in Pancreatic Cancer. Cancer Discovery, 2020, 10, 142-157.	7.7	59
1982	APAAtlas: decoding alternative polyadenylation across human tissues. Nucleic Acids Research, 2020, 48, D34-D39.	6.5	41
1983	Granzyme B and miR-378a Interaction in Acetaminophen Toxicity in Children. MicroRNA (Shariqah,) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	
1984	A Case of Hashimoto's Thyroiditis with Multiple Drug Resistance and High Expression of Efflux Transporters. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 399-406.	1.8	3
1985	Transcribed B lymphocyte genes and multiple sclerosis risk genes are underrepresented in Epstein-Barr Virus hypomethylated regions. Genes and Immunity, 2020, 21, 91-99.	2.2	4
1986	Clinical implications of recent advances in primary open-angle glaucoma genetics. Eye, 2020, 34, 29-39.	1.1	48
1987	Beware the Jaccard: the choice of similarity measure is important and non-trivial in genomic colocalisation analysis. Briefings in Bioinformatics, 2020, 21, 1523-1530.	3.2	24
1988	A pharmacogenetic risk score for the evaluation of major depression severity under treatment with antidepressants. Drug Development Research, 2020, 81, 102-113.	1.4	11
1989	EuRBPDB: a comprehensive resource for annotation, functional and oncological investigation of eukaryotic RNA binding proteins (RBPs). Nucleic Acids Research, 2020, 48, D307-D313.	6.5	58
1990	KnockTF: a comprehensive human gene expression profile database with knockdown/knockout of transcription factors. Nucleic Acids Research, 2020, 48, D93-D100.	6.5	72
1991	Immune cell infiltrate-associated dysregulation of DNA repair machinery may predispose to papillary thyroid carcinogenesis. Surgery, 2020, 167, 66-72.	1.0	15

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1992	Advancing Pan-cancer Gene Expression Survival Analysis by Inclusion of Non-coding RNA. <i>RNA Biology</i> , 2020, 17, 1666-1673.	1.5	26
1993	RNA sequencing for research and diagnostics in clinical oncology. <i>Seminars in Cancer Biology</i> , 2020, 60, 311-323.	4.3	56
1994	IL-32 and its splice variants are associated with protection against <i>Mycobacterium tuberculosis</i> infection and skewing of Th1/Th17 cytokines. <i>Journal of Leukocyte Biology</i> , 2020, 107, 113-118.	1.5	20
1995	Exploratory analysis of genetic variants influencing molecular traits in cerebral cortex of suicide completers. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 26-37.	1.1	6
1996	The complement system in schizophrenia: where are we now and what's next?. <i>Molecular Psychiatry</i> , 2020, 25, 114-130.	4.1	96
1997	Divergence of an association between depressive symptoms and a dopamine polygenic score in Caucasians and Asians. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 229-235.	1.8	14
1998	Data Science for Genomic Data Management: Challenges, Resources, Experiences. <i>SN Computer Science</i> , 2020, 1, 1.	2.3	5
1999	Stochastic imputation for integrated transcriptome association analysis of a longitudinally measured trait. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1167-1180.	0.7	4
2000	KIF1A variants are a frequent cause of autosomal dominant hereditary spastic paraplegia. <i>European Journal of Human Genetics</i> , 2020, 28, 40-49.	1.4	65
2001	Slicelt: A genome-wide resource and visualization tool to design CRISPR/Cas9 screens for editing protein-RNA interaction sites in the human genome. <i>Methods</i> , 2020, 178, 104-113.	1.9	4
2002	Evaluation of pyrazolopyrimidine derivatives as microtubule affinity regulating kinase 4 inhibitors: Towards therapeutic management of Alzheimer's disease. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 3892-3907.	2.0	37
2003	New insights on human essential genes based on integrated analysis and the construction of the HEGIAP web-based platform. <i>Briefings in Bioinformatics</i> , 2020, 21, 1397-1410.	3.2	51
2004	The TMEM106B FTLD-protective variant, rs1990621, is also associated with increased neuronal proportion. <i>Acta Neuropathologica</i> , 2020, 139, 45-61.	3.9	51
2005	The interaction between OXTR rs2268493 and perceived maternal care is associated with amygdala's dorsolateral prefrontal effective connectivity during explicit emotion processing. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 553-565.	1.8	9
2006	CGIDLA: Developing the Web Server for CpG Island Related Density and LAIPs (Lineage-Associated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Bioinformatics</i> , 2020, 17, 2148-2154.	1.9	17
2007	Expression analysis of LTR-derived miR-1269a and target gene, KSR2 in <i>Sebastes schlegelii</i> . <i>Genes and Genomics</i> , 2020, 42, 55-65.	0.5	2
2008	Relationship of COL9A1 and SOX9 Genes with Genetic Susceptibility of Postmenopausal Osteoporosis. <i>Calcified Tissue International</i> , 2020, 106, 248-255.	1.5	12
2009	A hominid-specific shift in cerebellar expression, upstream retrotransposons, and a potential cis-regulatory mechanism: bioinformatics analyses of the mu-opioid receptor gene. <i>Heredity</i> , 2020, 124, 325-335.	1.2	4

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2011	Phosphorus homeostasis and related disorders. , 2020, , 469-507.		1
2012	Strengthening Causal Inference for Complex Disease Using Molecular Quantitative Trait Loci. <i>Trends in Molecular Medicine</i> , 2020, 26, 232-241.	3.5	31
2013	Erythema migrans: the cutaneous manifestation of Lyme disease. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2020, 113, 580-580.	0.2	0
2014	A non-coding genetic variant associated with abdominal aortic aneurysm alters ERG gene regulation. <i>Human Molecular Genetics</i> , 2020, 29, 554-565.	1.4	16
2015	COPD-dependent effects of genetic variation in key inflammation pathway genes on lung cancer risk. <i>International Journal of Cancer</i> , 2020, 147, 747-756.	2.3	9
2016	<i>IRF2BPL</i> gene variants: One new case. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 255-256.	0.7	7
2017	Modulation of hippocampal neuronal resilience during aging by the Hsp70/Hsp90 chaperone ST11. <i>Journal of Neurochemistry</i> , 2020, 153, 727-758.	2.1	16
2018	Migraine Genetic Variants Influence Cerebral Blood Flow. <i>Headache</i> , 2020, 60, 90-100.	1.8	6
2019	PDE3A variant associated with hypertension and brachydactyly syndrome in a patient with ischemic stroke caused by spontaneous intracranial artery dissection: A review of the clinical and molecular genetic features. <i>European Journal of Medical Genetics</i> , 2020, 63, 103781.	0.7	4
2020	Recurrent <i>TTN</i> metatranscript only c.39974T>G splice variant associated with autosomal recessive arthrogyposis multiplex congenita and myopathy. <i>Human Mutation</i> , 2020, 41, 403-411.	1.1	28
2021	Effects of chronic intermittent ethanol exposure and withdrawal on neuroblastoma cell transcriptome. <i>Alcohol</i> , 2020, 85, 119-126.	0.8	4
2022	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020, 11, 163.	5.8	466
2023	Evaluation of the relationships of the WBP1L gene with schizophrenia and the general psychopathology scale based on a case-control study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 164-171.	1.1	25
2024	A human minisatellite hosts an alternative transcription start site for NPRL3 driving its expression in a repeat number-dependent manner. <i>Human Mutation</i> , 2020, 41, 807-824.	1.1	6
2025	Genetic modifiers of risk and age at onset in GBA associated Parkinson's disease and Lewy body dementia. <i>Brain</i> , 2020, 143, 234-248.	3.7	149
2026	Variants That Affect Function of Calcium Channel TRPV6 Are Associated With Early-Onset Chronic Pancreatitis. <i>Gastroenterology</i> , 2020, 158, 1626-1641.e8.	0.6	77
2027	Identification of Regulatory Modules That Stratify Lupus Disease Mechanism through Integrating Multi-Omics Data. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 318-329.	2.3	10

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2028	Enhancer jungles establish robust tissue-specific regulatory control in the human genome. <i>Genomics</i> , 2020, 112, 2261-2270.	1.3	4
2029	Variant in ERAP1 promoter region is associated with low expression in a patient with a Behçet-like MHC-Iopathy. <i>Journal of Human Genetics</i> , 2020, 65, 325-335.	1.1	4
2030	scRNA-seq assessment of the human lung, spleen, and esophagus tissue stability after cold preservation. <i>Genome Biology</i> , 2020, 21, 1.	3.8	572
2031	Genetic variation in EPHA contributes to sensitivity to paclitaxel-induced peripheral neuropathy. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 880-890.	1.1	14
2032	eQTL Analysis. <i>Methods in Molecular Biology</i> , 2020, , .	0.4	4
2033	Computational screening of potential regulators for mRNA-protein expression level discrepancy. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 196-201.	1.0	11
2034	Global variability analysis of mRNA and protein concentrations across and within human tissues. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqz010.	1.5	40
2035	Precision medicine, agriculture, and genome editing: science and ethics. <i>Annals of the New York Academy of Sciences</i> , 2020, 1465, 59-75.	1.8	1
2036	Cerebellar cognitive-affective syndrome preceding ataxia associated with complex extrapyramidal features in a Turkish SCA48 family. <i>Neurogenetics</i> , 2020, 21, 51-58.	0.7	22
2037	Systematic screening identifies a 2-gene signature as a high-potential prognostic marker of undifferentiated pleomorphic sarcoma/myxofibrosarcoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1010-1021.	1.6	19
2038	Quantile regression for challenging cases of eQTL mapping. <i>Briefings in Bioinformatics</i> , 2020, 21, 1756-1765.	3.2	3
2039	Alzheimer Disease Pathology-Associated Polymorphism in a Complex Variable Number of Tandem Repeat Region Within the MUC6 Gene, Near the AP2A2 Gene. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 3-21.	0.9	19
2040	Immuno-Oncology. <i>Methods in Pharmacology and Toxicology</i> , 2020, , .	0.1	4
2041	Harnessing big omics™ data and AI for drug discovery in hepatocellular carcinoma. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 238-251.	8.2	90
2042	Diagnosing Cornelia de Lange syndrome and related neurodevelopmental disorders using RNA sequencing. <i>Genetics in Medicine</i> , 2020, 22, 927-936.	1.1	34
2043	Role of Systemic Lupus Erythematosus Risk Variants With Opposing Functional Effects as a Driver of Hypomorphic Expression of TNIP 1 and Other Genes Within a Three-Dimensional Chromatin Network. <i>Arthritis and Rheumatology</i> , 2020, 72, 780-790.	2.9	9
2044	Genetic variants affecting bone mineral density and bone mineral content at multiple skeletal sites in Hispanic children. <i>Bone</i> , 2020, 132, 115175.	1.4	13
2045	Genome-wide analysis and functional prediction of the estrogen-regulated transcriptional response in the mouse uterus. <i>Biology of Reproduction</i> , 2020, 102, 327-338.	1.2	11

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2046	High-resolution chromosomal microarray analysis for copy-number variations in high-functioning autism reveals large aberration typical for intellectual disability. <i>Journal of Neural Transmission</i> , 2020, 127, 81-94.	1.4	5
2047	Design and synthesis of novel spirooxindole-indenoquinoline derivatives as novel tryptophanyl-tRNA synthetase inhibitors. <i>Molecular Diversity</i> , 2020, 24, 1043-1063.	2.1	13
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2836	Genome-wide analysis suggests the importance of vascular processes and neuroinflammation in late-life antidepressant response. <i>Translational Psychiatry</i> , 2021, 11, 127.	2.4	22
2837	A dihydrofolate reductase 2 (<i>DHFR2</i>) variant is associated with risk of neural tube defects in an Irish cohort but not in a United Kingdom cohort. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 1307-1311.	0.7	2
2838	Evolved Resistance to Placental Invasion Secondarily Confers Increased Survival in Melanoma Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 595.	1.0	8
2839	Identification of Key Gene Signatures Associated With Bone Metastasis in Castration-Resistant Prostate Cancer Using Co-Expression Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 571524.	1.3	5
2840	Low-grade chronic inflammation and immune alterations in childhood and adolescent cancer survivors: A contribution to accelerated aging?. <i>Cancer Medicine</i> , 2021, 10, 1772-1782.	1.3	15
2841	Revealing the role of the human blood plasma proteome in obesity using genetic drivers. <i>Nature Communications</i> , 2021, 12, 1279.	5.8	50
2844	Inference of phenotype-relevant transcriptional regulatory networks elucidates cancer type-specific regulatory mechanisms in a pan-cancer study. <i>Npj Systems Biology and Applications</i> , 2021, 7, 9.	1.4	5
2845	Identification of hub genes associated with adult acute myeloid leukemia progression through weighted gene co-expression network analysis. <i>Aging</i> , 2021, 13, 5686-5697.	1.4	4
2846	rs1944919 on chromosome 11q23.1 and its effector genes COLCA1/COLCA2 confer susceptibility to primary biliary cholangitis. <i>Scientific Reports</i> , 2021, 11, 4557.	1.6	9
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2848	Possible modification of <i>BRSK1</i> on the risk of alkylating chemotherapy-related reduced ovarian function. <i>Human Reproduction</i> , 2021, 36, 1120-1133.	0.4	8
2849	Cross-species data integration to prioritize causal genes in lipid metabolism. <i>Current Opinion in Lipidology</i> , 2021, 32, 141-146.	1.2	6

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2852	Ageing transcriptome meta-analysis reveals similarities and differences between key mammalian tissues. <i>Aging</i> , 2021, 13, 3313-3341.	1.4	40
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2855	Mapping of susceptible variants for cold medicine-related Stevensâ€“Johnson syndrome by whole-genome resequencing. <i>Npj Genomic Medicine</i> , 2021, 6, 9.	1.7	3
2856	Transcriptome-wide Association Study Identifies Genetically Dysregulated Genes in Diabetic Neuropathy. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 319-325.	0.6	1
2857	Tbx5 variants disrupt Nav1.5 function differently in patients diagnosed with Brugada or Long QT Syndrome. <i>Cardiovascular Research</i> , 2022, 118, 1046-1060.	1.8	15
2858	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. <i>European Heart Journal</i> , 2021, 42, 919-933.	1.0	113
2859	Preoperative immune landscape predisposes adverse outcomes in hepatocellular carcinoma patients with liver transplantation. <i>Npj Precision Oncology</i> , 2021, 5, 27.	2.3	11
2860	Reduced expression of innate immunity-related genes in lymph node metastases of luminal breast cancer patients. <i>Scientific Reports</i> , 2021, 11, 5097.	1.6	11
2862	Mapping leprosyâ€“associated coding variants of interleukin genes by targeted sequencing. <i>Clinical Genetics</i> , 2021, 99, 802-811.	1.0	1
2863	Phosphoproteomics-Based Characterization of Prostaglandin E2 Signaling in T Cells. <i>Molecular Pharmacology</i> , 2021, 99, 370-382.	1.0	2
2864	Coping with brain amyloid: genetic heterogeneity and cognitive resilience to Alzheimerâ€™s pathophysiology. <i>Acta Neuropathologica Communications</i> , 2021, 9, 48.	2.4	18
2865	New biomarkers from multiomics approaches: improving risk prediction of atrial fibrillation. <i>Cardiovascular Research</i> , 2021, 117, 1632-1644.	1.8	12
2866	Long Noncoding RNA EGOT Responds to Stress Signals to Regulate Cell Inflammation and Growth. <i>Journal of Immunology</i> , 2021, 206, 1932-1942.	0.4	6
2867	Investigation of the putative role of antisense transcripts as regulators of sense transcripts by correlation analysis of senseâ€“antisense pairs in colorectal cancers. <i>FASEB Journal</i> , 2021, 35, e21482.	0.2	3
2868	Functional and Adaptive Significance of Promoter Mutations That Affect Divergent Myocardial Expressions of <i>TRIM72</i> in Primates. <i>Molecular Biology and Evolution</i> , 2021, 38, 2930-2945.	3.5	6
2869	TSPAN1, TMPRSS4, SDR16C5, and CTSE as Novel Panel for Pancreatic Cancer: A Bioinformatics Analysis and Experiments Validation. <i>Frontiers in Immunology</i> , 2021, 12, 649551.	2.2	15
2870	Personalized cancer vaccine strategy elicits polyfunctional T cells and demonstrates clinical benefits in ovarian cancer. <i>Npj Vaccines</i> , 2021, 6, 36.	2.9	27

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2872	An international virtual hackathon to build tools for the analysis of structural variants within a species ranging from coronaviruses to vertebrates. <i>F1000Research</i> , 2021, 10, 246.	0.8	3
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2875	Leveraging the cell lineage to predict cell-type specificity of regulatory variation from bulk genomics. <i>Genetics</i> , 2021, 217, .	1.2	1
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2880	Haplotype structure defines effects of common <i>DPYD</i> variants c.85T > C (rs1801265) and c.496A > G (rs2297595) on dihydropyrimidine dehydrogenase activity: Implication for 5-fluorouracil toxicity. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3234-3243.	1.1	16
2881	Gene Co-Expression Analysis of Human <i>RNASEH2A</i> Reveals Functional Networks Associated with DNA Replication, DNA Damage Response, and Cell Cycle Regulation. <i>Biology</i> , 2021, 10, 221.	1.3	4
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2889	A Genome-Wide Association Study of Nausea Incidence in Varenicline-Treated Cigarette Smokers. <i>Nicotine and Tobacco Research</i> , 2021, 23, 1805-1809.	1.4	3
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2906	Pan-cancer analysis identifies ITIH1 as a novel prognostic indicator for hepatocellular carcinoma. <i>Aging</i> , 2021, 13, 11096-11119.	1.4	10
2907	High Expression of LINC01268 is Positively Associated with Hepatocellular Carcinoma Progression via Regulating MAP3K7. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 1753-1769.	1.0	1
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2912	Design, synthesis, and biological evaluation of 1,2,4-oxadiazole-containing pyrazolo[3,4-b]pyridinones as a new series of AMPK α 1 β 1 activators. <i>Archiv Der Pharmazie</i> , 2021, 354, 21e2000458.		6
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2914	Which Hyperglycemic Model of Zebrafish (<i>Danio rerio</i>) Suits My Type 2 Diabetes Mellitus Research? A Scoring System for Available Methods. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 652061.	1.8	17
2915	SARS-CoV-2 Disease Adjuvant Therapies and Supplements Breakthrough for the Infection Prevention. <i>Microorganisms</i> , 2021, 9, 525.	1.6	30

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2917	An automated framework for efficiently designing deep convolutional neural networks in genomics. <i>Nature Machine Intelligence</i> , 2021, 3, 392-400.	8.3	29
2918	DECO: a framework for jointly analyzing <i>de novo</i> and rare case/control variants, and biological pathways. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	6
2919	Global discovery of lupus genetic risk variant allelic enhancer activity. <i>Nature Communications</i> , 2021, 12, 1611.	5.8	39
2922	Functional Interrogation of Enhancer Connectome Prioritizes Candidate Target Genes at Ovarian Cancer Susceptibility Loci. <i>Frontiers in Genetics</i> , 2021, 12, 646179.	1.1	3
2923	Genetic Variation in Enhancers Modifies Cardiomyopathy Gene Expression and Progression. <i>Circulation</i> , 2021, 143, 1302-1316.	1.6	36
2924	Assessing the Associations of Growth Differentiation Factor 15 with Rheumatic Diseases Using Genetic Data. <i>Clinical Epidemiology</i> , 2021, Volume 13, 245-252.	1.5	7
2925	Genetic Association between MMP9 and Choroidal Neovascularization in Age-Related Macular Degeneration. <i>Ophthalmology Science</i> , 2021, 1, 100002.	1.0	6
2926	Multivariate genome-wide analysis of immunoglobulin G N-glycosylation identifies new loci pleiotropic with immune function. <i>Human Molecular Genetics</i> , 2021, 30, 1259-1270.	1.4	8
2927	Expression quantitative trait loci of genes predicting outcome are associated with survival of multiple myeloma patients. <i>International Journal of Cancer</i> , 2021, 149, 327-336.	2.3	3
2928	Identification of hub genes associated with neutrophils infiltration in colorectal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3371-3380.	1.6	15
2929	Increased co-expression of PSMA2 and GLP-1 receptor in cervical cancer models in type 2 diabetes attenuated by Exendin-4: A translational case-control study. <i>EBioMedicine</i> , 2021, 65, 103242.	2.7	10
2930	Human blood serum can donor-specifically antagonize effects of EGFR-targeted drugs on squamous carcinoma cell growth. <i>Heliyon</i> , 2021, 7, e06394.	1.4	9
2931	Towards realizing the vision of precision medicine: AI based prediction of clinical drug response. <i>Brain</i> , 2021, 144, 1738-1750.	3.7	47
2932	Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. <i>PLoS Genetics</i> , 2021, 17, e1009254.	1.5	19
2936	Profiling chromatin accessibility in pediatric acute lymphoblastic leukemia identifies subtype-specific chromatin landscapes and gene regulatory networks. <i>Leukemia</i> , 2021, 35, 3078-3091.	3.3	15
2937	AP-1 subunits converge promiscuously at enhancers to potentiate transcription. <i>Genome Research</i> , 2021, 31, 538-550.	2.4	14
2938	DNAJC3 deficiency induces β -cell mitochondrial apoptosis and causes syndromic young-onset diabetes. <i>European Journal of Endocrinology</i> , 2021, 184, 455-468.	1.9	29

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2941	Genome-wide association studies of exacerbations in children using long-acting beta ₂ -agonists. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1197-1207.	1.1	13
2942	Palindromes in DNA-A Risk for Genome Stability and Implications in Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2840.	1.8	15
2943	KibioR & Kibio: a new architecture for next-generation data querying and sharing in big biology. <i>Bioinformatics</i> , 2021, 37, 2706-2713.	1.8	1
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2945	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021, 12, 1749.	5.8	47
2946	Genetic variants in m6A modification core genes are associated with glioma risk in Chinese children. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 199-208.	2.0	30
2947	Impediments to Understanding Seagrasses'™ Response to Global Change. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	9
2949	Polymorphism of rs6426749 at 1p36.12 is associated with the risk of osteoarthritis in Taiwanese female population. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 523-527.	0.6	1
2950	Advancing drug discovery using the power of the human genome. <i>Journal of Pathology</i> , 2021, 254, 418-429.	2.1	11
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2952	Spectrum of splicing variants in disease genes and the ability of RNA analysis to reduce uncertainty in clinical interpretation. <i>American Journal of Human Genetics</i> , 2021, 108, 696-708.	2.6	43
2954	Role of genetics in atrial fibrillation management. <i>Europace</i> , 2021, 23, ii4-ii8.	0.7	2
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2957	Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19. <i>Nature Medicine</i> , 2021, 27, 668-676.	15.2	120
2958	Exome-wide scan identifies significant association of rs4788084 in IL27 promoter with increase in hepatic fat content among Indians. <i>Gene</i> , 2021, 775, 145431.	1.0	13
2959	A missense variant in NDUFA6 confers schizophrenia risk by affecting YY1 binding and NAGA expression. <i>Molecular Psychiatry</i> , 2021, 26, 6896-6911.	4.1	19
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2965	Human brain region-specific variably methylated regions are enriched for heritability of distinct neuropsychiatric traits. <i>Genome Biology</i> , 2021, 22, 116.	3.8	22
2966	IP6K3 and IPMK variations in LOAD and longevity: Evidence for a multifaceted signaling network at the crossroad between neurodegeneration and survival. <i>Mechanisms of Ageing and Development</i> , 2021, 195, 111439.	2.2	9
2968	Polee: RNA-Seq analysis using approximate likelihood. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab046.	1.5	1
2969	Variants That Differentiate Wolf and Dog Populations Are Enriched in Regulatory Elements. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	4
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2972	Distinct diagnostic and prognostic values of Glypicans gene expression in patients with hepatocellular carcinoma. <i>BMC Cancer</i> , 2021, 21, 462.	1.1	6
2973	Apolipoprotein E Gene Revisited: Contribution of Rare Variants to Alzheimer's Disease Susceptibility in Southern Chinese. <i>Current Alzheimer Research</i> , 2021, 18, 67-79.	0.7	3
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2977	Identification of long regulatory elements in the genome of <i>Plasmodium falciparum</i> and other eukaryotes. <i>PLoS Computational Biology</i> , 2021, 17, e1008909.	1.5	1
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2988	Gene Targeting in Disease Networks. <i>Frontiers in Genetics</i> , 2021, 12, 649942.	1.1	11
2989	CD28 Genetic Variants Increase Susceptibility to Diabetic Kidney Disease in Chinese Patients with Type 2 Diabetes: A Cross-Sectional Case Control Study. <i>Mediators of Inflammation</i> , 2021, 2021, 1-10.	1.4	5
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2991	Glutathione-related genetic polymorphisms are associated with mercury retention and nephrotoxicity in gold-mining settings of a Colombian population. <i>Scientific Reports</i> , 2021, 11, 8716.	1.6	7
2992	Lack of association of CD44-rs353630 and CHI3L2-rs684559 with pancreatic ductal adenocarcinoma survival. <i>Scientific Reports</i> , 2021, 11, 7570.	1.6	2
2993	ZNF410 represses fetal globin by singular control of CHD4. <i>Nature Genetics</i> , 2021, 53, 719-728.	9.4	35
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2997	Îµ-Crystallin: A thyroid hormone binding protein. <i>Endocrine Regulations</i> , 2021, 55, 89-102.	0.5	16
2998	Whole-genome sequencing reveals new Alzheimer's disease-associated rare variants in loci related to synaptic function and neuronal development. <i>Alzheimer's and Dementia</i> , 2021, 17, 1509-1527.	0.4	50
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3012	Characterizing modifier genes of cardiac fibrosis phenotype in hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2021, 330, 135-141.	0.8	6
3013	Identification of the dominant angiogenic CXCL class chemokines associated with non-small cell lung cancer via bioinformatics tools. <i>Medical Oncology</i> , 2021, 38, 68.	1.2	7
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