Thanh T Hoang

List of Publications by Year in Descending Order

430 papers	22,276 citations	69 h-index	142 g-index
473 ext. papers	30,242 ext. citations	8.6 avg, IF	6.01 L-index

#	Paper	IF	Citations
430	Under-specification as the source of ambiguity and vagueness in narrative phenotype algorithm definitions.. *BMC Medical Informatics and Decision Making*, **2022**, 22, 23	3.6	0
429	Mendelian randomization study of obesity and type 2 diabetes in hospitalized COVID-19 patients.. *Metabolism: Clinical and Experimental*, **2022**, 155156	12.7	0
428	Improved Genetic Risk Scoring Algorithm (GRS2) for Type 1 Diabetes Prediction.. *Pediatric Diabetes* , **2022**,	3.6	3
427	Cell-free DNA screening for trisomies 21, 18 and 13 in pregnancies at low and high risk for aneuploidy with genetic confirmation.. *American Journal of Obstetrics and Gynecology*, **2022**,	6.4	3
426	Genetic association of primary nonresponse to anti-TNF therapy in patients with inflammatory bowel disease. *Pharmacogenetics and Genomics*, **2022**, 32, 1-9	1.9	0
425	The reckoning: The return of genomic results to 1444 participants across the eMERGE3 Network.. *Genetics in Medicine*, **2022**,	8.1	2
424	A novel unbalanced translocation between chromosomes 5p and 18q leading to dysmorphology and global developmental delay.. *Molecular Genetics & Genomic Medicine*, **2022**, e1900	2.3	1
423	Variants in cause a spectrum of X-linked neurodevelopmental disorders and facial dysmorphology.. *Human Genetics and Genomics Advances*, **2022**, 3, 100102	0.8	0
422	Expansion of Schizophrenia Gene Network Knowledge Using Machine Learning Selected Signals From Dorsolateral Prefrontal Cortex and Amygdala RNA-seq Data.. *Frontiers in Psychiatry*, **2022**, 13, 797329	5	0
421	CSF-1 maintains pathogenic but not homeostatic myeloid cells in the central nervous system during autoimmune neuroinflammation.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2111804119	11.5	0
420	Distinct diagnostic trajectories in NBAS-associated acute liver failure highlights the need for timely functional studies.. *JIMD Reports*, **2022**, 63, 240-249	1.9	
419	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits-The Hispanic/Latino Anthropometry Consortium.. *Human Genetics and Genomics Advances*, **2022**, 3, 100099	0.8	0
418	Maternal effect genes as risk factors for congenital heart defects.. *Human Genetics and Genomics Advances*, **2022**, 3, 100098	0.8	0
417	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. *Nature*, **2022**,	50.4	35
416	Association of Pathogenic Variants in Hereditary Cancer Genes With Multiple Diseases.. *JAMA Oncology*, **2022**,	13.4	2
415	Burden of rare coding variants reveals genetic heterogeneity between obese and non-obese asthma patients in the African American population.. *Respiratory Research*, **2022**, 23, 116	7.3	0
414	Saudi Arabian CML patient with a novel four-way translocation at t(9;22;5;2)(q34;q11.2;p13;q44).. *Molecular Genetics & Genomic Medicine*, **2022**, e1865	2.3	

413	Mendelian randomization analysis of plasma levels of CD209 and MICB proteins and the risk of varicose veins of lower extremities.. *PLoS ONE*, **2022**, 17, e0268725	3.7	
412	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
411	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. *Nature Communications*, **2021**, 12, 6618	17.4	2
410	Bi-allelic variants in SPATA5L1 lead to intellectual disability, spastic-dystonic cerebral palsy, epilepsy, and hearing loss. *American Journal of Human Genetics*, **2021**, 108, 2006-2016	11	3
409	Rare neurological manifestations in a Saudi Arabian patient with Ehlers-Danlos syndrome and a novel homozygous variant in the TNXB gene. *American Journal of Medical Genetics, Part A*, **2021**, 188, 618	2.5	
408	NAC blocks Cystatin C amyloid complex aggregation in a cell system and in skin of HCCAA patients. *Nature Communications*, **2021**, 12, 1827	17.4	1
407	Expanding the genotypic and phenotypic spectrum in a diverse cohort of 104 individuals with Wiedemann-Steiner syndrome. *American Journal of Medical Genetics, Part A*, **2021**, 185, 1649-1665	2.5	0
406	Response to Li and Hopper. *American Journal of Human Genetics*, **2021**, 108, 527-529	11	1
405	Macrophages in SHH subgroup medulloblastoma display dynamic heterogeneity that varies with treatment modality. *Cell Reports*, **2021**, 34, 108917	10.6	7
404	Machine Learning Reduced Gene/Non-Coding RNA Features That Classify Schizophrenia Patients Accurately and Highlight Insightful Gene Clusters. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
403	Genome-wide association analysis in dilated cardiomyopathy reveals two new players in systolic heart failure on chromosomes 3p25.1 and 22q11.23. *European Heart Journal*, **2021**, 42, 2000-2011	9.5	14
402	Model-based deep embedding for constrained clustering analysis of single cell RNA-seq data. *Nature Communications*, **2021**, 12, 1873	17.4	7
401	Common Variation in Cytoskeletal Genes is Associated with Conotruncal Heart Defects. *Genes*, **2021**, 12,	4.2	1
400	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. *American Journal of Human Genetics*, **2021**, 108, 564-582	11	7
399	Pathogenic variants in CDH11 impair cell adhesion and cause Teebi hypertelorism syndrome. *Human Genetics*, **2021**, 140, 1061-1076	6.3	1
398	Inducible knockout of Clec16a in mice results in sensory neurodegeneration. *Scientific Reports*, **2021**, 11, 9319	4.9	2
397	JAK/STAT inhibitor therapy partially rescues the lipodystrophic autoimmune phenotype in Clec16a KO mice. *Scientific Reports*, **2021**, 11, 7372	4.9	1
396	New insights into hallux valgus by whole exome sequencing study. *Experimental Biology and Medicine*, **2021**, 246, 1607-1616	3.7	0

395	A new syndrome of moyamoya disease, kidney dysplasia, aminotransferase elevation, and skin disease associated with de novo variants in RNF213. *American Journal of Medical Genetics, Part A*, **2021**, 185, 2168-2174	2.5	2
394	RUNX-1 haploinsufficiency causes a marked deficiency of megakaryocyte-biased hematopoietic progenitor cells. *Blood*, **2021**, 137, 2662-2675	2.2	6
393	Serum levels of the IgA isotype switch factor TGF-1 are elevated in patients with COVID-19. *FEBS Letters*, **2021**, 595, 1819-1824	3.8	4
392	ANKRD11 variants: KBG syndrome and beyond. *Clinical Genetics*, **2021**, 100, 187-200	4	4
391	Metabolomic profiling of anaerobic and aerobic energy metabolic pathways in chronic obstructive pulmonary disease. *Experimental Biology and Medicine*, **2021**, 246, 1586-1596	3.7	1
390	Constrained chromatin accessibility in PU.1-mutated agammaglobulinemia patients. *Journal of Experimental Medicine*, **2021**, 218,	16.6	6
389	Interaction between Genetic Risk Scores for reduced pulmonary function and smoking, asthma and endotoxin. *Thorax*, **2021**, 76, 1219-1226	7.3	5
388	Combined application of genetic and polygenic risk scores for type 1 diabetes risk prediction. *Diabetes, Obesity and Metabolism*, **2021**, 23, 2001-2003	6.7	
387	Genomic considerations for FHIR ; eMERGE implementation lessons. *Journal of Biomedical Informatics*, **2021**, 118, 103795	10.2	5
386	Using primary teeth and archived dried spots for exposomic studies in children: Exploring new paths in the environmental epidemiology of pediatric cancer. *BioEssays*, **2021**, 43, e2100030	4.1	1
385	A Mendelian Randomization Approach Using 3-HMG-Coenzyme-A Reductase Gene Variation to Evaluate the Association of Statin-Induced Low-Density Lipoprotein Cholesterol Lowering With Noncardiovascular Disease Phenotypes. *JAMA Network Open*, **2021**, 4, e2112820	10.4	5
384	A unified framework identifies new links between plasma lipids and diseases from electronic medical records across large-scale cohorts. *Nature Genetics*, **2021**, 53, 972-981	36.3	2
383	Association Between a Common, Benign Genotype and Unnecessary Bone Marrow Biopsies Among African American Patients. *JAMA Internal Medicine*, **2021**, 181, 1100-1105	11.5	2
382	Expanding the genetic landscape of oral-facial-digital syndrome with two novel genes. *American Journal of Medical Genetics, Part A*, **2021**, 185, 2409-2416	2.5	1
381	Cleft palate morphology, genetic etiology, and risk of mortality in infants with Robin sequence. *American Journal of Medical Genetics, Part A*, **2021**, 185, 3694-3700	2.5	
380	Deep learning prediction of attention-deficit hyperactivity disorder in African Americans by copy number variation. *Experimental Biology and Medicine*, **2021**, 246, 2317-2323	3.7	2
379	Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies. *Addiction Biology*, **2021**, 26, e12880	4.6	12
378	Mapping the 17q12-21.1 Locus for Variants Associated with Early-Onset Asthma in African Americans. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 203, 424-436	10.2	5

377	Association of DLL1 with type 1 diabetes in patients characterized by low polygenic risk score. *Metabolism: Clinical and Experimental*, **2021**, 114, 154418	12.7	4
376	Unsupervised modeling and genome-wide association identify novel features of allergic march trajectories. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 677-685.e10	11.5	6
375	De novo loss-of-function variants in X-linked MED12 are associated with Hardikar syndrome in females. *Genetics in Medicine*, **2021**, 23, 637-644	8.1	7
374	Evaluation of the MC4R gene across eMERGE network identifies many unreported obesity-associated variants. *International Journal of Obesity*, **2021**, 45, 155-169	5.5	5
373	Loci identified by a genome-wide association study of carotid artery stenosis in the eMERGE network. *Genetic Epidemiology*, **2021**, 45, 4-15	2.6	5
372	Lossless integration of multiple electronic health records for identifying pleiotropy using summary statistics. *Nature Communications*, **2021**, 12, 168	17.4	1
371	FLNC and MYLK2 Gene Mutations in a Chinese Family with Different Phenotypes of Cardiomyopathy. *International Heart Journal*, **2021**, 62, 127-134	1.8	1
370	Association of novel rare coding variants with juvenile idiopathic arthritis. *Annals of the Rheumatic Diseases*, **2021**, 80, 626-631	2.4	2
369	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. *Genome Biology*, **2021**, 22, 1	18.3	58
368	Association between triglycerides, known risk SNVs and conserved rare variation in SLC25A40 in a multi-ancestry cohort. *BMC Medical Genomics*, **2021**, 14, 11	3.7	2
367	Expanded phenotypic spectrum of JAG1-associated diseases: Central conducting lymphatic anomaly with a pathogenic variant in JAG1. *Clinical Genetics*, **2021**, 99, 742-743	4	2
366	Integrative analysis of genome-wide association studies identifies novel loci associated with neuropsychiatric disorders. *Translational Psychiatry*, **2021**, 11, 69	8.6	5
365	A Transparent Approach to Calculate Detection Rate and Residual Risk for Carrier Screening. *Journal of Molecular Diagnostics*, **2021**, 23, 91-102	5.1	1
364	A novel heterotaxy gene: Expansion of the phenotype of TTC21B-spectrum disease. *American Journal of Medical Genetics, Part A*, **2021**, 185, 1266-1269	2.5	1
363	Rare Recurrent Variants in Noncoding Regions Impact Attention-Deficit Hyperactivity Disorder (ADHD) Gene Networks in Children of both African American and European American Ancestry. *Genes*, **2021**, 12,	4.2	2
362	Genome-wide association studies of low back pain and lumbar spinal disorders using electronic health record data identify a locus associated with lumbar spinal stenosis. *Pain*, **2021**, 162, 2263-2272	8	2
361	MONTAGE: a new tool for high-throughput detection of mosaic copy number variation. *BMC Genomics*, **2021**, 22, 133	4.5	0
360	Performance of model-based multifactor dimensionality reduction methods for epistasis detection by controlling population structure. *BioData Mining*, **2021**, 14, 16	4.3	1

359	Genetic architecture of type 1 diabetes with low genetic risk score informed by 41 unreported loci. *Communications Biology*, **2021**, 4, 908	6.7	1
358	Discovery of Novel Host Molecular Factors Underlying HBV/HCV Infection. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 690882	5.7	
357	Insights into non-autoimmune type 1 diabetes with 13 novel loci in low polygenic risk score patients. *Scientific Reports*, **2021**, 11, 16013	4.9	1
356	Effect of micro-osteoperforations on the gene expression profile of the periodontal ligament of orthodontically moved human teeth. *Clinical Oral Investigations*, **2021**, 1	4.2	1
355	Genetic Variation in on 1p36.13 Is Associated with Common Forms of Human Generalized Epilepsy. *Genes*, **2021**, 12,	4.2	1
354	Epigenome-Wide DNA Methylation and Pesticide Use in the Agricultural Lung Health Study. *Environmental Health Perspectives*, **2021**, 129, 97008	8.4	5
353	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. *Biological Psychiatry*, **2021**,	7.9	11
352	A genome-wide association meta-analysis identifies new eosinophilic esophagitis loci. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	1
351	HIF-1Pulmonary Phenotype Wide Association Study Unveils a Link to Inflammatory Airway Conditions. *Frontiers in Genetics*, **2021**, 12, 756645	4.5	3
350	DeepCNV: a deep learning approach for authenticating copy number variations. *Briefings in Bioinformatics*, **2021**, 22,	13.4	1
349	Ciliopathies: Coloring outside of the lines. *American Journal of Medical Genetics, Part A*, **2021**, 185, 687-694	2.5	2
348	Mitochondrial DNA haplogroups and risk of attention deficit and hyperactivity disorder in European Americans. *Translational Psychiatry*, **2020**, 10, 370	8.6	0
347	COVID-19: Look to the Future, Learn from the Past. *Viruses*, **2020**, 12,	6.2	5
346	Lung Function in African American Children with Asthma Is Associated with Novel Regulatory Variants of the KIT Ligand and Gene-By-Air-Pollution Interaction. *Genetics*, **2020**, 215, 869-886	4	3
345	Variants in the Kisspeptin-GnRH Pathway Modulate the Hormonal Profile and Reproductive Outcomes. *DNA and Cell Biology*, **2020**, 39, 1012-1022	3.6	2
344	Epigenome-wide association study of DNA methylation and adult asthma in the Agricultural Lung Health Study. *European Respiratory Journal*, **2020**, 56,	13.6	14
343	Distinct features of SARS-CoV-2-specific IgA response in COVID-19 patients. *European Respiratory Journal*, **2020**, 56,	13.6	192
342	The polygenic architecture of left ventricular mass mirrors the clinical epidemiology. *Scientific Reports*, **2020**, 10, 7561	4.9	3

341	Predictive Utility of Polygenic Risk Scores for Coronary Heart Disease in Three Major Racial and Ethnic Groups. *American Journal of Human Genetics*, **2020**, 106, 707-716	11	37
340	Activating variants in PDGFRB result in a spectrum of disorders responsive to imatinib monotherapy. *American Journal of Medical Genetics, Part A*, **2020**, 182, 1576-1591	2.5	11
339	Application of exome sequencing to diagnose a novel presentation of the Cornelia de Lange syndrome in an Afro-Caribbean family. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1318	2.3	2
338	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects. *PLoS ONE*, **2020**, 15, e0234357	3.7	5
337	Neuroinflammation and EIF2 Signaling Persist despite Antiretroviral Treatment in an hiPSC Tri-culture Model of HIV Infection. *Stem Cell Reports*, **2020**, 14, 703-716	8	14
336	A homozygous truncating NALCN variant in two Afro-Caribbean siblings with hypotonia and dolichocephaly. *American Journal of Medical Genetics, Part A*, **2020**, 182, 1877-1880	2.5	1
335	Detection of maternal X chromosome abnormalities using single nucleotide polymorphism-based noninvasive prenatal testing. *American Journal of Obstetrics & Gynecology MFM*, **2020**, 2, 100152	7.4	3
334	Mitochondrial DNA Haplogroups and Susceptibility to Neuroblastoma. *Journal of the National Cancer Institute*, **2020**, 112, 1259-1266	9.7	5
333	Homozygous splice-variants in human ARV1 cause GPI-anchor synthesis deficiency. *Molecular Genetics and Metabolism*, **2020**, 130, 49-57	3.7	11
332	Rare copy number variants in over 100,000 European ancestry subjects reveal multiple disease associations. *Nature Communications*, **2020**, 11, 255	17.4	17
331	Regulation of Janus Kinase 2 by an Inflammatory Bowel Disease Causal Non-coding Single Nucleotide Polymorphism. *Journal of Crohnfs and Colitis*, **2020**, 14, 646-653	1.5	3
330	Type I IFN response associated with mTOR activation in the TAFRO subtype of idiopathic multicentric Castleman disease. *JCI Insight*, **2020**, 5,	9.9	13
329	Asthma and its relationship to mitochondrial copy number: Results from the Asthma Translational Genomics Collaborative (ATGC) of the Trans-Omics for Precision Medicine (TOPMed) program. *PLoS ONE*, **2020**, 15, e0242364	3.7	2
328	Kaposiform lymphangiomatosis effectively treated with MEK inhibition. *EMBO Molecular Medicine*, **2020**, 12, e12324	12	16
327	TNFAIP8 is a central regulator of intestinal homeostasis and regeneration. *FASEB Journal*, **2020**, 34, 1-1	0.9	
326	Exome sequencing identifies mutations in three cases diagnosed with Retinitis Pigmentosa and hearing impairment. *Molecular Vision*, **2020**, 26, 216-225	2.3	2
325	Rare Genetic Variants of Large Effect Influence Risk of Type 1 Diabetes. *Diabetes*, **2020**, 69, 784-795	0.9	14
324	Genetic architecture study of rheumatoid arthritis and juvenile idiopathic arthritis. *PeerJ*, **2020**, 8, e8234	3.1	2

323	Intragenic Deletions of GNAS in Pseudohypoparathyroidism Type 1A Identify a New Region Affecting Methylation of Exon A/B. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
322	Development and validation of targeted treatments for the rare tumor syndrome infantile myofibromatosis.. *Journal of Clinical Oncology*, **2020**, 38, e22519-e22519	2.2	
321	The Infection Rate of COVID-19 in Wuhan, China: Combined Analysis of Population Samples. *Journal of Medical Internet Research*, **2020**, 22, e20914	7.6	0
320	TNFAIP8 controls murine intestinal stem cell homeostasis and regeneration by regulating microbiome-induced Akt signaling. *Nature Communications*, **2020**, 11, 2591	17.4	7
319	Evaluating sequence data quality from the Swift Accel-Amplicon CFTR Panel. *Scientific Data*, **2020**, 7, 8	8.2	0
318	A Polygenic and Phenotypic Risk Prediction for Polycystic Ovary Syndrome Evaluated by Phenome-Wide Association Studies. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	17
317	Are serum brain-derived neurotrophic factor concentrations related to brain structure and psychopathology in late childhood and early adolescence?. *CNS Spectrums*, **2020**, 25, 790-796	1.8	1
316	Deficiencies in vesicular transport mediated by TRAPPC4 are associated with severe syndromic intellectual disability. *Brain*, **2020**, 143, 112-130	11.2	19
315	X-chromosome association studies of congenital heart defects. *American Journal of Medical Genetics, Part A*, **2020**, 182, 250-254	2.5	0
314	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. *Diabetes Care*, **2020**, 43, 418-425	14.6	15
313	Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. *Circulation*, **2020**, 142, 1633-1646	16.7	24
312	The Multi-Omics Architecture of Juvenile Idiopathic Arthritis. *Cells*, **2020**, 9,	7.9	7
311	A distinct GM-CSF T helper cell subset requires T-bet to adopt a T1 phenotype and promote neuroinflammation. *Science Immunology*, **2020**, 5,	28	7
310	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25
309	Genome-wide association analysis of psoriasis patients treated with anti-TNF drugs. *Experimental Dermatology*, **2020**, 29, 1225-1232	4	5
308	European genetic ancestry associated with risk of childhood ependymoma. *Neuro-Oncology*, **2020**, 22, 1637-1646	1	5
307	Biliary-Atresia-Associated Mannosidase-1-Alpha-2 Gene Regulates Biliary and Ciliary Morphogenesis and Laterality. *Frontiers in Physiology*, **2020**, 11, 538701	4.6	4
306	Elucidation of DNA methylation on N6-adenine with deep learning. *Nature Machine Intelligence*, **2020**, 2, 466-475	22.5	4

305	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. *American Journal of Human Genetics*, **2020**, 107, 432-444	11	31
304	Participant choices for return of genomic results in the eMERGE Network. *Genetics in Medicine*, **2020**, 22, 1821-1829	8.1	14
303	Assessing non-Mendelian inheritance in inherited axonopathies. *Genetics in Medicine*, **2020**, 22, 2114-2118	8.1	7
302	Genetic predisposition to longer telomere length and risk of childhood, adolescent and adult-onset ependymoma. *Acta Neuropathologica Communications*, **2020**, 8, 173	7.3	9
301	Expression Pattern of the SARS-CoV-2 Entry Genes and in the Respiratory Tract. *Viruses*, **2020**, 12,	6.2	12
300	High prevalence of elevated serum liver enzymes in Chinese children suggests metabolic syndrome as a common risk factor. *Journal of Paediatrics and Child Health*, **2020**, 56, 1590-1596	1.3	0
299	Non-coding structural variation differentially impacts attention-deficit hyperactivity disorder (ADHD) gene networks in African American vs Caucasian children. *Scientific Reports*, **2020**, 10, 15252	4.9	4
298	Autophagy mitigates ethanol-induced mitochondrial dysfunction and oxidative stress in esophageal keratinocytes. *PLoS ONE*, **2020**, 15, e0239625	3.7	6
297	Genomic risk scores for juvenile idiopathic arthritis and its subtypes. *Annals of the Rheumatic Diseases*, **2020**, 79, 1572-1579	2.4	3
296	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10
295	Neural crest-derived tumor neuroblastoma and melanoma share 1p13.2 as susceptibility locus that shows a long-range interaction with the SLC16A1 gene. *Carcinogenesis*, **2020**, 41, 284-295	4.6	11
294	Association of Genetic Risk of Obesity with Postoperative Complications Using Mendelian Randomization. *World Journal of Surgery*, **2020**, 44, 84-94	3.3	1
293	CNV Association of Diverse Clinical Phenotypes from eMERGE reveals novel disease biology underlying cardiovascular disease. *International Journal of Cardiology*, **2020**, 298, 107-113	3.2	2
292	A genome-wide association study of polycystic ovary syndrome identified from electronic health records. *American Journal of Obstetrics and Gynecology*, **2020**, 223, 559.e1-559.e21	6.4	20
291	Role of the ADCY9 gene in cardiac abnormalities of the Rubinstein-Taybi syndrome. *Orphanet Journal of Rare Diseases*, **2020**, 15, 101	4.2	1
290	Association of Neighborhood Deprivation With Epigenetic Aging Using 4 Clock Metrics. *JAMA Network Open*, **2020**, 3, e2024329	10.4	17
289	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects **2020**, 15, e0234357		
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285	Autophagy mitigates ethanol-induced mitochondrial dysfunction and oxidative stress in esophageal keratinocytes **2020**, 15, e0239625		
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282	Autophagy mitigates ethanol-induced mitochondrial dysfunction and oxidative stress in esophageal keratinocytes **2020**, 15, e0239625		
281	Target Genes of Autism Risk Loci in Brain Frontal Cortex. *Frontiers in Genetics*, **2019**, 10, 707	4.5	8
280	Application of ACMG criteria to classify variants in the human gene mutation database. *Journal of Human Genetics*, **2019**, 64, 1091-1095	4.3	7
279	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
278	Germline 16p11.2 Microdeletion Predisposes to Neuroblastoma. *American Journal of Human Genetics*, **2019**, 105, 658-668	11	12
277	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. *Nature Communications*, **2019**, 10, 3927	17.4	21
276	Association of Rare Recurrent Copy Number Variants With Congenital Heart Defects Based on Next-Generation Sequencing Data From Family Trios. *Frontiers in Genetics*, **2019**, 10, 819	4.5	6
275	Maternal Lactase Polymorphism (rs4988235) Is Associated with Neural Tube Defects in Offspring in the National Birth Defects Prevention Study. *Journal of Nutrition*, **2019**, 149, 295-303	4.1	2
274	The Autoimmune Disorder Susceptibility Gene Restrains NK Cell Function in YTS NK Cell Line and Knockout Mice. *Frontiers in Immunology*, **2019**, 10, 68	8.4	11
273	Association of Thyroid Function Genetic Predictors With Atrial Fibrillation: A Phenome-Wide Association Study and Inverse-Variance Weighted Average Meta-analysis. *JAMA Cardiology*, **2019**, 4, 136-143	16.3	20
272	Effects of the interaction between genetic factors and maltreatment on child and adolescent psychiatric disorders. *Psychiatry Research*, **2019**, 273, 575-577	9.9	
271	Cross-disorder analysis of schizophrenia and 19 immune-mediated diseases identifies shared genetic risk. *Human Molecular Genetics*, **2019**, 28, 3498-3513	5.6	37
270	Copy number variations in individuals with conotruncal heart defects reveal some shared developmental pathways irrespective of 22q11.2 deletion status. *Birth Defects Research*, **2019**, 111, 888-905	2.8	2

269	Damaging Variants in Proangiogenic Genes Impair Growth in Fetuses with Cardiac Defects. *Journal of Pediatrics*, **2019**, 213, 103-109	3.6	11
268	Pathologic gene network rewiring implicates PPP1R3A as a central regulator in pressure overload heart failure. *Nature Communications*, **2019**, 10, 2760	17.4	11
267	Characterization of Rare Variants in MC4R in African American and Latino Children With Severe Early-Onset Obesity. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2961-2970	5.6	12
266	Drug-resistant epilepsy classified by a phenotyping algorithm associates with NTRK2. *Acta Neurologica Scandinavica*, **2019**, 140, 169-176	3.8	4
265	Gene domain-specific DNA methylation episignatures highlight distinct molecular entities of ADNP syndrome. *Clinical Epigenetics*, **2019**, 11, 64	7.7	29
264	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
263	Heritability and genome-wide association study of benign prostatic hyperplasia (BPH) in the eMERGE network. *Scientific Reports*, **2019**, 9, 6077	4.9	11
262	Multiple Epistasis Interactions Within MHC Are Associated With Ulcerative Colitis. *Frontiers in Genetics*, **2019**, 10, 257	4.5	6
261	Atlas-CNV: a validated approach to call single-exon CNVs in the eMERGESeq gene panel. *Genetics in Medicine*, **2019**, 21, 2135-2144	8.1	13
260	DGCR2 influences cortical thickness through a mechanism independent of schizophrenia pathogenesis. *Psychiatry Research*, **2019**, 274, 391-394	9.9	0
259	Identification of Target Genes at Juvenile Idiopathic Arthritis GWAS Loci in Human Neutrophils. *Frontiers in Genetics*, **2019**, 10, 181	4.5	3
258	Maternal genetic markers for risk of celiac disease and their potential association with neural tube defects in offspring. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e688	2.3	1
257	Gene expression over the course of schizophrenia: from clinical high-risk for psychosis to chronic stages. *NPJ Schizophrenia*, **2019**, 5, 5	5.5	11
256	Isolated vocal cord paralysis in two siblings with compound heterozygous variants in MUSK: Expanding the phenotypic spectrum. *American Journal of Medical Genetics, Part A*, **2019**, 179, 655-658	2.5	4
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