

Angel C Y Mak

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,171
citations

361045

20
h-index

233125

45
g-index

68
all docs

68
docs citations

68
times ranked

8059
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.	13.7	1,069
2	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020, 586, 763-768.	13.7	376
3	SOX9 Governs Differentiation Stage-Specific Gene Expression in Growth Plate Chondrocytes via Direct Concomitant Transactivation and Repression. <i>PLoS Genetics</i> , 2011, 7, e1002356.	1.5	174
4	Type 2 and interferon inflammation regulate SARS-CoV-2 entry factor expression in the airway epithelium. <i>Nature Communications</i> , 2020, 11, 5139.	5.8	131
5	Genome-Wide Structural Variation Detection by Genome Mapping on Nanochannel Arrays. <i>Genetics</i> , 2016, 202, 351-362.	1.2	126
6	Whole-Genome Sequencing of Pharmacogenetic Drug Response in Racially Diverse Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1552-1564.	2.5	102
7	Effects of the Absence of Apolipoprotein E on Lipoproteins, Neurocognitive Function, and Retinal Function. <i>JAMA Neurology</i> , 2014, 71, 1228.	4.5	79
8	Differential and overlapping expression pattern of SOX2 and SOX9 in inner ear development. <i>Gene Expression Patterns</i> , 2009, 9, 444-453.	0.3	73
9	Genome of the Komodo dragon reveals adaptations in the cardiovascular and chemosensory systems of monitor lizards. <i>Nature Ecology and Evolution</i> , 2019, 3, 1241-1252.	3.4	67
10	A comprehensive evaluation of the genetic architecture of sudden cardiac arrest. <i>European Heart Journal</i> , 2018, 39, 3961-3969.	1.0	59
11	Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II (Genes&Environments) Tj ETQq1 1 0.784314 rgBT /Over	2.5	54
12	A genome-wide association and admixture mapping study of bronchodilator drug response in African Americans with asthma. <i>Pharmacogenomics Journal</i> , 2019, 19, 249-259.	0.9	54
13	Dysregulated invertebrate tropomyosin&dectin-1 interaction confers susceptibility to allergic diseases. <i>Science Immunology</i> , 2018, 3, .	5.6	51
14	Finished sequence and assembly of the DUF1220-rich 1q21 region using a haploid human genome. <i>BMC Genomics</i> , 2014, 15, 387.	1.2	47
15	On the cross-population generalizability of gene expression prediction models. <i>PLoS Genetics</i> , 2020, 16, e1008927.	1.5	41
16	Ancestry-Dependent Enrichment of Deleterious Homozygotes in Runs of Homozygosity. <i>American Journal of Human Genetics</i> , 2019, 105, 747-762.	2.6	36
17	Brief Report: Whole&Exome Sequencing for Identification of Potential Causal Variants for Diffuse Cutaneous Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2016, 68, 2257-2262.	2.9	35
18	Identification of a novel locus associated with skin colour in African-admixed populations. <i>Scientific Reports</i> , 2017, 7, 44548.	1.6	31

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19	The Effects of Migration and Assortative Mating on Admixture Linkage Disequilibrium. <i>Genetics</i> , 2017, 205, 375-383.	1.2	31
20	Secondhand smoke exposure and asthma outcomes among African-American and Latino children with asthma. <i>Thorax</i> , 2018, 73, 1041-1048.	2.7	30
21	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. <i>Cell Genomics</i> , 2022, 2, 100084.	3.0	29
22	OMSV enables accurate and comprehensive identification of large structural variations from nanochannel-based single-molecule optical maps. <i>Genome Biology</i> , 2017, 18, 230.	3.8	28
23	Ambient air pollution, asthma drug response, and telomere length in African American youth. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 839-845.e10.	1.5	24
24	Nasal airway transcriptome-wide association study of asthma reveals genetically driven mucus pathobiology. <i>Nature Communications</i> , 2022, 13, 1632.	5.8	24
25	High-throughput single-molecule mapping links subtelomeric variants and long-range haplotypes with specific telomeres. <i>Nucleic Acids Research</i> , 2017, 45, e73-e73.	6.5	22
26	Genetic Determinants of Telomere Length in African American Youth. <i>Scientific Reports</i> , 2018, 8, 13265.	1.6	20
27	Genome-wide association study reveals a novel locus for asthma with severe exacerbations in diverse populations. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 106-115.	1.1	17
28	Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. <i>Heart Rhythm</i> , 2014, 11, 471-477.	0.3	16
29	Mapping the 17q12-21.1 Locus for Variants Associated with Early-Onset Asthma in African Americans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 424-436.	2.5	16
30	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. <i>PLoS ONE</i> , 2020, 15, e0242364.	1.1	16
31	Epigenome-wide association study of lung function in Latino children and youth with asthma. <i>Clinical Epigenetics</i> , 2022, 14, 9.	1.8	12
32	Lung Function in African American Children with Asthma Is Associated with Novel Regulatory Variants of the KIT Ligand (<i>KITLG/SCF</i>) and Gene-By-Air-Pollution Interaction. <i>Genetics</i> , 2020, 215, 869-886.	1.2	11
33	Whole-Genome Sequencing Identifies Novel Functional Loci Associated with Lung Function in Puerto Rican Youth. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 962-972.	2.5	11
34	Lymph node-resident dendritic cells drive T _H 2 cell development involving MARCH1. <i>Science Immunology</i> , 2021, 6, eabh0707.	5.6	10
35	Pharmacogenetic studies of long-acting beta agonist and inhaled corticosteroid responsiveness in randomised controlled trials of individuals of African descent with asthma. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 862-872.	2.7	10
36	Towards a More Accurate Error Model for BioNano Optical Maps. <i>Lecture Notes in Computer Science</i> , 2016, , 67-79.	1.0	8

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37	Expression of SMARCD1 interacts with age in association with asthma control on inhaled corticosteroid therapy. <i>Respiratory Research</i> , 2020, 21, 31.	1.4	6
38	Robust, flexible, and scalable tests for Hardy-Weinberg equilibrium across diverse ancestries. <i>Genetics</i> , 2021, 218, .	1.2	6
39	In the Wrong Place with the Wrong SNP. <i>Epidemiology</i> , 2016, 27, 656-662.	1.2	5
40	Three patients with homozygous familial hypercholesterolemia: Genomic sequencing and kindred analysis. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e1007.	0.6	5
41	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. <i>Chest</i> , 2019, 156, 1068-1079.	0.4	5
42	Identification of CFTR variants in Latino patients with cystic fibrosis from the Dominican Republic and Puerto Rico. <i>Pediatric Pulmonology</i> , 2020, 55, 533-540.	1.0	5
43	Integrative genomic analysis in African American children with asthma finds three novel loci associated with lung function. <i>Genetic Epidemiology</i> , 2021, 45, 190-208.	0.6	4
44	Native American Ancestry and Air Pollution Interact to Impact Bronchodilator Response in Puerto Rican Children with Asthma. <i>Ethnicity and Disease</i> , 2021, 31, 77-88.	1.0	2
45	(1) Associations of PAI-1 Promoter Polymorphism and African Ancestry with Asthma in the GALA2 cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, AB55.	1.5	0
46	On the cross-population generalizability of gene expression prediction models. , 2020, 16, e1008927.		0
47	On the cross-population generalizability of gene expression prediction models. , 2020, 16, e1008927.		0
48	On the cross-population generalizability of gene expression prediction models. , 2020, 16, e1008927.		0
49	On the cross-population generalizability of gene expression prediction models. , 2020, 16, e1008927.		0
50	On the cross-population generalizability of gene expression prediction models. , 2020, 16, e1008927.		0
51	On the cross-population generalizability of gene expression prediction models. , 2020, 16, e1008927.		0