

Qasim Ayub

List of Publications by Year in descending order

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84
papers

22,227
citations

109321

35
h-index

64796

79
g-index

93
all docs

93
docs citations

93
times ranked

38991
citing authors

#	ARTICLE	IF	CITATIONS
1	A map of human genome variation from population-scale sequencing. <i>Nature</i> , 2010, 467, 1061-1073.	27.8	7,209
2	An integrated map of genetic variation from 1,092 human genomes. <i>Nature</i> , 2012, 491, 56-65.	27.8	7,199
3	A Systematic Survey of Loss-of-Function Variants in Human Protein-Coding Genes. <i>Science</i> , 2012, 335, 823-828.	12.6	1,095
4	Insights into hominid evolution from the gorilla genome sequence. <i>Nature</i> , 2012, 483, 169-175.	27.8	663
5	Insights into human genetic variation and population history from 929 diverse genomes. <i>Science</i> , 2020, 367, .	12.6	534
6	The Genetic Legacy of the Mongols. <i>American Journal of Human Genetics</i> , 2003, 72, 717-721.	6.2	512
7	Where West Meets East: The Complex mtDNA Landscape of the Southwest and Central Asian Corridor. <i>American Journal of Human Genetics</i> , 2004, 74, 827-845.	6.2	375
8	Genomic analyses inform on migration events during the peopling of Eurasia. <i>Nature</i> , 2016, 538, 238-242.	27.8	360
9	A recent bottleneck of Y chromosome diversity coincides with a global change in culture. <i>Genome Research</i> , 2015, 25, 459-466.	5.5	348
10	Mountain gorilla genomes reveal the impact of long-term population decline and inbreeding. <i>Science</i> , 2015, 348, 242-245.	12.6	326
11	Punctuated bursts in human male demography inferred from 1,244 worldwide Y-chromosome sequences. <i>Nature Genetics</i> , 2016, 48, 593-599.	21.4	273
12	Deleterious- and Disease-Allele Prevalence in Healthy Individuals: Insights from Current Predictions, Mutation Databases, and Population-Scale Resequencing. <i>American Journal of Human Genetics</i> , 2012, 91, 1022-1032.	6.2	255
13	A common MYBPC3 (cardiac myosin binding protein C) variant associated with cardiomyopathies in South Asia. <i>Nature Genetics</i> , 2009, 41, 187-191.	21.4	245
14	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. <i>Forensic Science International: Genetics</i> , 2014, 12, 12-23.	3.1	214
15	Y-Chromosomal DNA Variation in Pakistan. <i>American Journal of Human Genetics</i> , 2002, 70, 1107-1124.	6.2	213
16	Ethiopian Genetic Diversity Reveals Linguistic Stratification and Complex Influences on the Ethiopian Gene Pool. <i>American Journal of Human Genetics</i> , 2012, 91, 83-96.	6.2	177
17	Separating the post-Glacial coancestry of European and Asian Y chromosomes within haplogroup R1a. <i>European Journal of Human Genetics</i> , 2010, 18, 479-484.	2.8	153
18	Toward Male Individualization with Rapidly Mutating Y-Chromosomal Short Tandem Repeats. <i>Human Mutation</i> , 2014, 35, 1021-1032.	2.5	151

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19	Y-Chromosome Lineages Trace Diffusion of People and Languages in Southwestern Asia. <i>American Journal of Human Genetics</i> , 2001, 68, 537-542.	6.2	131
20	A calibrated human Y-chromosomal phylogeny based on resequencing. <i>Genome Research</i> , 2013, 23, 388-395.	5.5	128
21	A Selective Sweep on a Deleterious Mutation in CPT1A in Arctic Populations. <i>American Journal of Human Genetics</i> , 2014, 95, 584-589.	6.2	119
22	A Worldwide Survey of Human Male Demographic History Based on Y-SNP and Y-STR Data from the HGDP-CEPH Populations. <i>Molecular Biology and Evolution</i> , 2010, 27, 385-393.	8.9	101
23	Y Chromosome Sequences Reveal a Short Beringian Standstill, Rapid Expansion, and early Population structure of Native American Founders. <i>Current Biology</i> , 2019, 29, 149-157.e3.	3.9	94
24	FOXP2 Targets Show Evidence of Positive Selection in European Populations. <i>American Journal of Human Genetics</i> , 2013, 92, 696-706.	6.2	88
25	Revisiting the Thrifty Gene Hypothesis via 65 Loci Associated with Susceptibility to Type 2 Diabetes. <i>American Journal of Human Genetics</i> , 2014, 94, 176-185.	6.2	72
26	Human genomic regions with exceptionally high levels of population differentiation identified from 911 whole-genome sequences. <i>Genome Biology</i> , 2014, 15, R88.	9.6	72
27	Enrichment of low-frequency functional variants revealed by whole-genome sequencing of multiple isolated European populations. <i>Nature Communications</i> , 2017, 8, 15927.	12.8	64
28	Deep Roots for Aboriginal Australian Y Chromosomes. <i>Current Biology</i> , 2016, 26, 809-813.	3.9	54
29	A comparison of Y-chromosomal lineage dating using either resequencing or Y-SNP plus Y-STR genotyping. <i>Forensic Science International: Genetics</i> , 2013, 7, 568-572.	3.1	52
30	Y-chromosomal evidence for a limited Greek contribution to the Pathan population of Pakistan. <i>European Journal of Human Genetics</i> , 2007, 15, 121-126.	2.8	48
31	Population Differentiation as an Indicator of Recent Positive Selection in Humans: An Empirical Evaluation. <i>Genetics</i> , 2009, 183, 1065-1077.	2.9	46
32	The Kalash Genetic Isolate: Ancient Divergence, Drift, and Selection. <i>American Journal of Human Genetics</i> , 2015, 96, 775-783.	6.2	46
33	Reconstruction of human evolutionary tree using polymorphic autosomal microsatellites. <i>American Journal of Physical Anthropology</i> , 2003, 122, 259-268.	2.1	42
34	Wide distribution and altitude correlation of an archaic high-altitude-adaptive EPAS1 haplotype in the Himalayas. <i>Human Genetics</i> , 2016, 135, 393-402.	3.8	41
35	p53 Mutations, Polymorphisms, and Haplotypes in Pakistani Ethnic Groups and Breast Cancer Patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2000, 4, 23-29.	1.7	40
36	HLA polymorphism in six ethnic groups from Pakistan. <i>Tissue Antigens</i> , 2002, 59, 492-501.	1.0	39

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37	The Genetic Legacy of the Indian Ocean Slave Trade: Recent Admixture and Post-admixture Selection in the Makranis of Pakistan. <i>American Journal of Human Genetics</i> , 2017, 101, 977-984.	6.2	39
38	Genetic variation in South Asia: assessing the influences of geography, language and ethnicity for understanding history and disease risk. <i>Briefings in Functional Genomics & Proteomics</i> , 2009, 8, 395-404.	3.8	38
39	Demographic History and Genetic Adaptation in the Himalayan Region Inferred from Genome-Wide SNP Genotypes of 49 Populations. <i>Molecular Biology and Evolution</i> , 2018, 35, 1916-1933.	8.9	36
40	Investigation of the Greek ancestry of populations from northern Pakistan. <i>Human Genetics</i> , 2004, 114, 484-490.	3.8	35
41	Y-chromosomal STR haplotypes in Pakistani populations. <i>Forensic Science International</i> , 2001, 118, 141-146.	2.2	32
42	High altitude adaptation in Daghestani populations from the Caucasus. <i>Human Genetics</i> , 2012, 131, 423-433.	3.8	31
43	“Like sugar in milk” reconstructing the genetic history of the Parsi population. <i>Genome Biology</i> , 2017, 18, 110.	8.8	29
44	New native South American Y chromosome lineages. <i>Journal of Human Genetics</i> , 2016, 61, 593-603.	2.3	28
45	Association between the Angiotensin-converting Enzyme Gene Insertion/Deletion Polymorphism and Essential Hypertension in Young Pakistani Patients. <i>BMB Reports</i> , 2004, 37, 552-555.	2.4	27
46	Genetic instability in EBV-transformed lymphoblastoid cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1670, 81-83.	2.4	26
47	A Genome-Wide Survey of Genetic Variation in Gorillas Using Reduced Representation Sequencing. <i>PLoS ONE</i> , 2013, 8, e65066.	2.5	23
48	Mutation Rates and Discriminating Power for 13 Rapidly-Mutating Y-STRs between Related and Unrelated Individuals. <i>PLoS ONE</i> , 2016, 11, e0165678.	2.5	22
49	Copy number variation in the human Y chromosome in the UK population. <i>Human Genetics</i> , 2015, 134, 789-800.	3.8	21
50	FineMAV: prioritizing candidate genetic variants driving local adaptations in human populations. <i>Genome Biology</i> , 2018, 19, 5.	8.8	20
51	Replication of the Association of a MET Variant with Autism in a Chinese Han Population. <i>PLoS ONE</i> , 2011, 6, e27428.	2.5	19
52	Contrasting signals of positive selection in genes involved in human skin-color variation from tests based on SNP scans and resequencing. <i>Investigative Genetics</i> , 2011, 2, 24.	3.3	17
53	Identification of new SNPs in native South American populations by resequencing the Y chromosome. <i>Forensic Science International: Genetics</i> , 2015, 15, 111-114.	3.1	17
54	How well do we understand the basis of classic selective sweeps in humans?. <i>FEBS Letters</i> , 2019, 593, 1431-1448.	2.8	17

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55	Determining Soil Microbial Communities and Their Influence on Ganoderma Disease Incidences in Oil Palm (<i>Elaeis guineensis</i>) via High-Throughput Sequencing. <i>Biology</i> , 2020, 9, 424.	2.8	16
56	Mapping of a novel type III variant of Knobloch syndrome (KNO3) to chromosome 17q11.2. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 2768-2774.	1.2	13
57	Comparative sequence and methylation analysis of chloroplast and amyloplast genomes from rice. <i>Plant Molecular Biology</i> , 2019, 100, 33-46.	3.9	13
58	Human leukocyte antigen (HLA) class II association with rheumatic heart disease in Pakistan. <i>Journal of Heart Valve Disease</i> , 2007, 16, 300-4.	0.5	13
59	Detection of novel Y SNPs provides further insights into Y chromosomal variation in Pakistan. <i>Journal of Human Genetics</i> , 2006, 51, 375-378.	2.3	10
60	Structural variation on the human Y chromosome from population-scale resequencing. <i>Croatian Medical Journal</i> , 2015, 56, 194-207.	0.7	9
61	Copy number variation arising from gene conversion on the human Y chromosome. <i>Human Genetics</i> , 2018, 137, 73-83.	3.8	9
62	Evolutionary and functional analysis of RBMY1 gene copy number variation on the human Y chromosome. <i>Human Molecular Genetics</i> , 2019, 28, 2785-2798.	2.9	9
63	Exploration of signals of positive selection derived from genotype-based human genome scans using re-sequencing data. <i>Human Genetics</i> , 2012, 131, 665-674.	3.8	8
64	Pan-genome and resistome analysis of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> : A multi-setting epidemiological surveillance study from Malaysia. <i>PLoS ONE</i> , 2022, 17, e0265142.	2.5	7
65	Discovering naturally-occurring microbiota in disease suppressive soil: Potential role of biological elements in suppressing <i>Ganoderma boninense</i> . <i>Biological Control</i> , 2022, 165, 104787.	3.0	6
66	Genes Regulated by Vitamin D in Bone Cells Are Positively Selected in East Asians. <i>PLoS ONE</i> , 2015, 10, e0146072.	2.5	5
67	Frequency of CCR5 Gene 32-bp Deletion in Pakistani Ethnic Groups. <i>Genetic Testing and Molecular Biomarkers</i> , 2002, 6, 123-127.	1.7	4
68	<i>Naegleria fowleri</i> : differential genetic expression following treatment with Hesperidin conjugated with silver nanoparticles using RNA-Seq. <i>Parasitology Research</i> , 2020, 119, 2351-2358.	1.6	4
69	Mitochondrial DNA Profiling Reveals Two Lineages of Sun Bears in East and West Malaysia. <i>Journal of Heredity</i> , 2021, 112, 214-220.	2.4	3
70	Extremely low prevalence in soil-transmitted helminth infections among a multi-ethnic community in Segamat, Malaysia. <i>Journal of Parasitic Diseases</i> , 2021, 45, 313-318.	1.0	3
71	An Ethnolinguistic and Genetic Perspective on the Origins of the Dravidian-Speaking Brahui in Pakistan. <i>Man in India</i> , 2017, 97, 267-278.	2.0	3
72	Prioritization of putatively detrimental variants in euploid miscarriages. <i>Scientific Reports</i> , 2022, 12, 1997.	3.3	3

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73	Monoamine Oxidase A gene polymorphisms and self reported aggressive behaviour in a Pakistani ethnic group. JPMA the Journal of the Pakistan Medical Association, 2015, 65, 818-24.	0.2	2
74	Next-generation sequencing and the era of personal Y genomes. Genome Biology, 2010, 11, O2.	9.6	1
75	Response to Hellenthal etÂal.: American Journal of Human Genetics, 2016, 98, 398.	6.2	1
76	Positive selection in Europeans and East-Asians at the ABCA12 gene. Scientific Reports, 2019, 9, 4843.	3.3	1
77	A Positively Selected MAGEE2 LoF Allele Is Associated with Sexual Dimorphism in Human Brain Size and Shows Similar Phenotypes in Magee2 Null Mice. Molecular Biology and Evolution, 2021, 38, 5655-5663.	8.9	1
78	Cross-continental admixture in the Kho population from northwest Pakistan. European Journal of Human Genetics, 2022, , .	2.8	1
79	The Oral, Gut Microbiota and Cardiometabolic Health of Indigenous Orang Asli Communities. Frontiers in Cellular and Infection Microbiology, 2022, 12, 812345.	3.9	1
80	The Spectrum of Mutations In β^2 -Thalassaemic Patients and Carriers From Punjab and N.W.F.J. in Pakistan. Natural Product Research, 1998, 12, 199-207.	0.4	0
81	Perspectives on Human Genome Diversity within Pakistan using Y Chromosomal and Autosomal Microsatellite Markers. , 2002, , 35-47.		0
82	Male lineages in the Himalayan foothills: A commentary on Y-chromosome haplogroup diversity in the sub-Himalayan Terai and Duars populations of East India. Journal of Human Genetics, 2011, 56, 813-814.	2.3	0
83	Evolutionary and Population Genetics in Forensic Science. Security Science and Technology, 2016, , 33-60.	0.5	0
84	Prioritising positively selected variants in whole-genome sequencing data using FineMAV. BMC Bioinformatics, 2021, 22, 604.	2.6	0