

Qasim Ayub

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | Prioritization of putatively detrimental variants in euploid miscarriages. <i>Scientific Reports</i> , 2022, 12, 1997. | 3.3 | 3 |
| 3 | 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 |
| 4 | Cross-continental admixture in the Kho population from northwest Pakistan. <i>European Journal of Human Genetics</i> , 2022, , . | 2.8 | 1 |
| 5 | The Oral, Gut Microbiota and Cardiometabolic Health of Indigenous Orang Asli Communities. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 812345. | 3.9 | 1 |
| 6 | 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 |
| 7 | 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 |
| 8 | A Positively Selected <i>MAGEE2</i> LoF Allele Is Associated with Sexual Dimorphism in Human Brain Size and Shows Similar Phenotypes in <i>Magee2</i> Null Mice. <i>Molecular Biology and Evolution</i> , 2021, 38, 5655-5663. | 8.9 | 1 |
| 9 | Prioritising positively selected variants in whole-genome sequencing data using FineMAV. <i>BMC Bioinformatics</i> , 2021, 22, 604. | 2.6 | 0 |
| 10 | Determining Soil Microbial Communities and Their Influence on <i>Ganoderma</i> Disease Incidences in Oil Palm (<i>Elaeis guineensis</i>) via High-Throughput Sequencing. <i>Biology</i> , 2020, 9, 424. | 2.8 | 16 |
| 11 | <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 |
| 12 | Insights into human genetic variation and population history from 929 diverse genomes. <i>Science</i> , 2020, 367, . | 12.6 | 534 |
| 13 | Evolutionary and functional analysis of <i>RBM1</i> gene copy number variation on the human Y chromosome. <i>Human Molecular Genetics</i> , 2019, 28, 2785-2798. | 2.9 | 9 |
| 14 | How well do we understand the basis of classic selective sweeps in humans?. <i>FEBS Letters</i> , 2019, 593, 1431-1448. | 2.8 | 17 |
| 15 | Positive selection in Europeans and East-Asians at the <i>ABCA12</i> gene. <i>Scientific Reports</i> , 2019, 9, 4843. | 3.3 | 1 |
| 16 | Comparative sequence and methylation analysis of chloroplast and amyloplast genomes from rice. <i>Plant Molecular Biology</i> , 2019, 100, 33-46. | 3.9 | 13 |
| 17 | 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 |
| 18 | Copy number variation arising from gene conversion on the human Y chromosome. <i>Human Genetics</i> , 2018, 137, 73-83. | 3.8 | 9 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | FineMAV: prioritizing candidate genetic variants driving local adaptations in human populations. <i>Genome Biology</i> , 2018, 19, 5. | 8.8 | 20 |
| 21 | 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 |
| 22 | “Like sugar in milk” reconstructing the genetic history of the Parsi population. <i>Genome Biology</i> , 2017, 18, 110. | 8.8 | 29 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | New native South American Y chromosome lineages. <i>Journal of Human Genetics</i> , 2016, 61, 593-603. | 2.3 | 28 |
| 27 | 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 |
| 28 | Genomic analyses inform on migration events during the peopling of Eurasia. <i>Nature</i> , 2016, 538, 238-242. | 27.8 | 360 |
| 29 | Evolutionary and Population Genetics in Forensic Science. <i>Security Science and Technology</i> , 2016, , 33-60. | 0.5 | 0 |
| 30 | 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 |
| 31 | Response to Hellenthal et al.:. <i>American Journal of Human Genetics</i> , 2016, 98, 398. | 6.2 | 1 |
| 32 | Deep Roots for Aboriginal Australian Y Chromosomes. <i>Current Biology</i> , 2016, 26, 809-813. | 3.9 | 54 |
| 33 | Genes Regulated by Vitamin D in Bone Cells Are Positively Selected in East Asians. <i>PLoS ONE</i> , 2015, 10, e0146072. | 2.5 | 5 |
| 34 | Structural variation on the human Y chromosome from population-scale resequencing. <i>Croatian Medical Journal</i> , 2015, 56, 194-207. | 0.7 | 9 |
| 35 | Copy number variation in the human Y chromosome in the UK population. <i>Human Genetics</i> , 2015, 134, 789-800. | 3.8 | 21 |
| 36 | The Kalash Genetic Isolate: Ancient Divergence, Drift, and Selection. <i>American Journal of Human Genetics</i> , 2015, 96, 775-783. | 6.2 | 46 |

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|----|---|------|-----------|
| 37 | 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 |
| 38 | Mountain gorilla genomes reveal the impact of long-term population decline and inbreeding. <i>Science</i> , 2015, 348, 242-245. | 12.6 | 326 |
| 39 | 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 |
| 40 | Monoamine Oxidase A gene polymorphisms and self reported aggressive behaviour in a Pakistani ethnic group. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2015, 65, 818-24. | 0.2 | 2 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Toward Male Individualization with Rapidly Mutating Y-Chromosomal Short Tandem Repeats. <i>Human Mutation</i> , 2014, 35, 1021-1032. | 2.5 | 151 |
| 45 | 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 |
| 46 | FOXP2 Targets Show Evidence of Positive Selection in European Populations. <i>American Journal of Human Genetics</i> , 2013, 92, 696-706. | 6.2 | 88 |
| 47 | 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 |
| 48 | A calibrated human Y-chromosomal phylogeny based on resequencing. <i>Genome Research</i> , 2013, 23, 388-395. | 5.5 | 128 |
| 49 | A Genome-Wide Survey of Genetic Variation in Gorillas Using Reduced Representation Sequencing. <i>PLoS ONE</i> , 2013, 8, e65066. | 2.5 | 23 |
| 50 | An integrated map of genetic variation from 1,092 human genomes. <i>Nature</i> , 2012, 491, 56-65. | 27.8 | 7,199 |
| 51 | 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 |
| 52 | A Systematic Survey of Loss-of-Function Variants in Human Protein-Coding Genes. <i>Science</i> , 2012, 335, 823-828. | 12.6 | 1,095 |
| 53 | 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 |
| 54 | Insights into hominid evolution from the gorilla genome sequence. <i>Nature</i> , 2012, 483, 169-175. | 27.8 | 663 |

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|----|---|------|-----------|
| 55 | 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 |
| 56 | High altitude adaptation in Daghestani populations from the Caucasus. <i>Human Genetics</i> , 2012, 131, 423-433. | 3.8 | 31 |
| 57 | 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 |
| 58 | Male lineages in the Himalayan foothills: A commentary on Y-chromosome haplogroup diversity in the sub-Himalayan Terai and Duars populations of East India. <i>Journal of Human Genetics</i> , 2011, 56, 813-814. | 2.3 | 0 |
| 59 | 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 |
| 60 | A map of human genome variation from population-scale sequencing. <i>Nature</i> , 2010, 467, 1061-1073. | 27.8 | 7,209 |
| 61 | 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 |
| 62 | 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 |
| 63 | Next-generation sequencing and the era of personal Y genomes. <i>Genome Biology</i> , 2010, 11, O2. | 9.6 | 1 |
| 64 | 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 |
| 65 | Population Differentiation as an Indicator of Recent Positive Selection in Humans: An Empirical Evaluation. <i>Genetics</i> , 2009, 183, 1065-1077. | 2.9 | 46 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | Investigation of the Greek ancestry of populations from northern Pakistan. <i>Human Genetics</i> , 2004, 114, 484-490. | 3.8 | 35 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | Genetic instability in EBV-transformed lymphoblastoid cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1670, 81-83. | 2.4 | 26 |
| 74 | 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 |
| 75 | Reconstruction of human evolutionary tree using polymorphic autosomal microsatellites. <i>American Journal of Physical Anthropology</i> , 2003, 122, 259-268. | 2.1 | 42 |
| 76 | The Genetic Legacy of the Mongols. <i>American Journal of Human Genetics</i> , 2003, 72, 717-721. | 6.2 | 512 |
| 77 | Perspectives on Human Genome Diversity within Pakistan using Y Chromosomal and Autosomal Microsatellite Markers. , 2002, , 35-47. | | 0 |
| 78 | 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 |
| 79 | Y-Chromosomal DNA Variation in Pakistan. <i>American Journal of Human Genetics</i> , 2002, 70, 1107-1124. | 6.2 | 213 |
| 80 | HLA polymorphism in six ethnic groups from Pakistan. <i>Tissue Antigens</i> , 2002, 59, 492-501. | 1.0 | 39 |
| 81 | 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 |
| 82 | Y-chromosomal STR haplotypes in Pakistani populations. <i>Forensic Science International</i> , 2001, 118, 141-146. | 2.2 | 32 |
| 83 | 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 |
| 84 | The Spectrum of Mutations In β^2 -Thalassaemic Patients and Carriers From Punjab and N.W.F.J. in Pakistan. <i>Natural Product Research</i> , 1998, 12, 199-207. | 0.4 | 0 |