

# Mariano Avino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5648271/publications.pdf>

Version: 2024-02-01

21  
papers

470  
citations

840119

11  
h-index

752256

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

853  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | OpenProt 2021: deeper functional annotation of the coding potential of eukaryotic genomes. <i>Nucleic Acids Research</i> , 2021, 49, D380-D388.  | 6.5 | 71        |
| 2  | Hemeprotein Tpx1 interacts with cell surface heme transporter Str3 in <i>Schizosaccharomyces pombe</i> . <i>Molecular Microbiology</i> , 2021, 115, 699-722.   | 1.2 | 3         |
| 3  | High-level resistance to bictegravir and cabotegravir in subtype A- and D-infected HIV-1 patients failing raltegravir with multiple resistance mutations. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2965-2974.  | 1.3 | 13        |
| 4  | Janus Kinase Mutations in Mice Lacking PU.1 and Spi-B Drive B Cell Leukemia through Reactive Oxygen Species-Induced DNA Damage. <i>Molecular and Cellular Biology</i> , 2020, 40, .  | 1.1 | 8         |
| 5  | A targeted reactivation of latent HIV-1 using an activator vector in patient samples from acute infection. <i>EBioMedicine</i> , 2020, 59, 102853.   | 2.7 | 12        |
| 6  | Accumulation of integrase strand transfer inhibitor resistance mutations confers high-level resistance to dolutegravir in non-B subtype HIV-1 strains from patients failing raltegravir in Uganda. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3525-3533. | 1.3 | 12        |
| 7  | Human Hepatocyte Nuclear Factor 4 $\hat{\pm}$ Encodes Isoforms with Distinct Transcriptional Functions. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 808-827.  | 2.5 | 31        |
| 8  | Genetic diversity in a collection of Italian long storage tomato landraces as revealed by SNP markers array. <i>Plant Biosystems</i> , 2019, 153, 288-297.   | 0.8 | 17        |
| 9  | Tree shape based approaches for the comparative study of cophylogeny. <i>Ecology and Evolution</i> , 2019, 9, 6756-6771.   | 0.8 | 14        |
| 10 | Evidence for a recombinant origin of HIV-1 Group M from genomic variation. <i>Virus Evolution</i> , 2019, 5, vey039.   | 2.2 | 13        |
| 11 | First-line HIV treatment failures in non-B subtypes and recombinants: a cross-sectional analysis of multiple populations in Uganda. <i>AIDS Research and Therapy</i> , 2019, 16, 3.  | 0.7 | 8         |
| 12 | Detecting Amino Acid Coevolution with Bayesian Graphical Models. <i>Methods in Molecular Biology</i> , 2019, 1851, 105-122.  | 0.4 | 5         |
| 13 | Absence of HIV-1 Drug Resistance Mutations Supports the Use of Dolutegravir in Uganda. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 404-414.  | 0.5 | 23        |
| 14 | An open-source k-mer based machine learning tool for fast and accurate subtyping of HIV-1 genomes. <i>PLoS ONE</i> , 2018, 13, e0206409.   | 1.1 | 70        |
| 15 | Sanger and next generation sequencing in the characterisation of arbuscular mycorrhizal fungi (AMF) in <i>Pancreaticum maritimum</i> L. (Amaryllidaceae), a representative plant species of Mediterranean sand dunes. <i>Planta</i> , 2018, 248, 1443-1453.            | 1.6 | 4         |
| 16 | Beta-Binomial Model for the Detection of Rare Mutations in Pooled Next-Generation Sequencing Experiments. <i>Journal of Computational Biology</i> , 2017, 24, 357-367.   | 0.8 | 7         |
| 17 | Understanding the basis of a novel fruit type in Brassicaceae: conservation and deviation in expression patterns of six genes. <i>EvoDevo</i> , 2012, 3, 20.   | 1.3 | 34        |
| 18 | Historical biogeography of the coffee family (Rubiaceae, Gentianales) in Madagascar: case studies from the tribes Knoxieae, Naucleaeae, Paederieae and Vanguerieae. <i>Journal of Biogeography</i> , 2010, 37, 1094-1113.  | 1.4 | 35        |

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|----|--|-----|-----------|
| 19 | Chitin Synthases from Saprolegnia Are Involved in Tip Growth and Represent a Potential Target for Anti-Oomycete Drugs. PLoS Pathogens, 2010, 6, e1001070.      | 2.1 | 61        |
| 20 | A phylogenetic analysis of Dipsacaceae based on four DNA regions. Plant Systematics and Evolution, 2009, 279, 69-86.   | 0.3 | 26        |
| 21 | Isolation and characterization of nuclear microsatellite loci from <i>Ceratopetalum apetalum</i> (Cunoniaceae). Molecular Ecology Resources, 2009, 9, 566-568. | 2.2 | 1         |