

# 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	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
3	Chitin Synthases from <i>Saprolegnia</i> Are Involved in Tip Growth and Represent a Potential Target for Anti-Oomycete Drugs. <i>PLoS Pathogens</i> , 2010, 6, e1001070.	2.1	61
4	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
5	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
6	Human Hepatocyte Nuclear Factor 4-1 $\pm$ Encodes Isoforms with Distinct Transcriptional Functions. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 808-827.	2.5	31
7	A phylogenetic analysis of Dipsacaceae based on four DNA regions. <i>Plant Systematics and Evolution</i> , 2009, 279, 69-86.	0.3	26
8	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
9	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
10	Tree shape-based approaches for the comparative study of cophylogeny. <i>Ecology and Evolution</i> , 2019, 9, 6756-6771.	0.8	14
11	Evidence for a recombinant origin of HIV-1 Group M from genomic variation. <i>Virus Evolution</i> , 2019, 5, vey039.	2.2	13
12	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
13	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
14	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
15	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
16	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
17	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
18	Detecting Amino Acid Coevolution with Bayesian Graphical Models. <i>Methods in Molecular Biology</i> , 2019, 1851, 105-122.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Sanger and next generation sequencing in the characterisation of arbuscular mycorrhizal fungi (AMF) in <i>Pancreatum maritimum</i> L. (Amaryllidaceae), a representative plant species of Mediterranean sand dunes. <i>Planta</i> , 2018, 248, 1443-1453.	1.6	4
20	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
21	Isolation and characterization of nuclear microsatellite loci from <i>Ceratopetalum apetalum</i> (Cunoniaceae). <i>Molecular Ecology Resources</i> , 2009, 9, 566-568.	2.2	1