

Guillaume Achaz

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,352
citations

394421

19
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

3579
citing authors

#	ARTICLE	IF	CITATIONS
1	ASAP: assemble species by automatic partitioning. <i>Molecular Ecology Resources</i> , 2021, 21, 609-620.	4.8	575
2	Mutations of DEPDC5 cause autosomal dominant focal epilepsies. <i>Nature Genetics</i> , 2013, 45, 552-555.	21.4	215
3	Mass extinction in poorly known taxa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7761-7766.	7.1	169
4	The landscape of epilepsy-related GATOR1 variants. <i>Genetics in Medicine</i> , 2019, 21, 398-408.	2.4	137
5	Frequency Spectrum Neutrality Tests: One for All and All for One. <i>Genetics</i> , 2009, 183, 249-258.	2.9	124
6	cis-Regulatory and Protein Evolution in Orthologous and Duplicate Genes. <i>Genome Research</i> , 2004, 14, 1530-1536.	5.5	121
7	A Molecular Portrait of De Novo Genes in Yeasts. <i>Molecular Biology and Evolution</i> , 2018, 35, 631-645.	8.9	106
8	Population Structure of the Fish-Pathogenic Bacterium <i>Flavobacterium psychrophilum</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 3702-3709.	3.1	93
9	Testing for Neutrality in Samples With Sequencing Errors. <i>Genetics</i> , 2008, 179, 1409-1424.	2.9	77
10	Accuracy of Demographic Inferences from the Site Frequency Spectrum: The Case of the Yoruba Population. <i>Genetics</i> , 2017, 206, 439-449.	2.9	74
11	Associations Between Inverted Repeats and the Structural Evolution of Bacterial Genomes. <i>Genetics</i> , 2003, 164, 1279-1289.	2.9	70
12	Analysis of Intrachromosomal Duplications in Yeast <i>Saccharomyces cerevisiae</i> : A Possible Model for Their Origin. <i>Molecular Biology and Evolution</i> , 2000, 17, 1268-1275.	8.9	69
13	The Impact of Selection, Gene Conversion, and Biased Sampling on the Assessment of Microbial Demography. <i>Molecular Biology and Evolution</i> , 2016, 33, 1711-1725.	8.9	62
14	Measuring epistasis in fitness landscapes: The correlation of fitness effects of mutations. <i>Journal of Theoretical Biology</i> , 2016, 396, 132-143.	1.7	55
15	Study of Intrachromosomal Duplications Among the Eukaryote Genomes. <i>Molecular Biology and Evolution</i> , 2001, 18, 2280-2288.	8.9	50
16	Coalescent Processes with Skewed Offspring Distributions and Nonequilibrium Demography. <i>Genetics</i> , 2018, 208, 323-338.	2.9	45
17	Comparative Genomics of <i>Tenacibaculum dicentrarchi</i> and <i>Tenacibaculum finnmarkense</i> —Highlights Intricate Evolution of Fish-Pathogenic Species. <i>Genome Biology and Evolution</i> , 2018, 10, 452-457.	2.5	36
18	HIV-1 compartmentalization in diverse leukocyte populations during antiretroviral therapy. <i>Journal of Leukocyte Biology</i> , 2004, 76, 562-570.	3.3	34

#	ARTICLE	IF	CITATIONS
19	Decomposing the Site Frequency Spectrum: The Impact of Tree Topology on Neutrality Tests. <i>Genetics</i> , 2017, 207, 229-240.	2.9	32
20	Evolutionary constraints in fitness landscapes. <i>Heredity</i> , 2018, 121, 466-481.	2.6	26
21	Evolution of Coding Microsatellites in Primate Genomes. <i>Genome Biology and Evolution</i> , 2013, 5, 283-295.	2.5	22
22	MicNeSs: genotyping microsatellite loci from a collection of (NGS) reads. <i>Molecular Ecology Resources</i> , 2016, 16, 524-533.	4.8	19
23	Hypermutable Genes in Homo sapiens Due to the Hosting of Long Mono-SSR. <i>Molecular Biology and Evolution</i> , 2008, 26, 111-121.	8.9	17
24	An appeal for an objective, open, and transparent scientific debate about the origin of SARS-CoV-2. <i>Lancet, The</i> , 2021, 398, 1402-1404.	13.7	17
25	A Novel Heuristic for Local Multiple Alignment of Interspersed DNA Repeats. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2009, 6, 180-189.	3.0	14
26	Is reproductive strategy a key factor in understanding the evolutionary history of Southern Ocean Asteroidea (Echinodermata)?. <i>Ecology and Evolution</i> , 2019, 9, 8465-8478.	1.9	14
27	Characterization of the Meiosis-Specific Recombinase Dmc1 of <i>Pneumocystis</i> . <i>Journal of Infectious Diseases</i> , 2010, 202, 1920-1929.	4.0	13
28	Testing for Independence between Evolutionary Processes. <i>Systematic Biology</i> , 2016, 65, 812-823.	5.6	13
29	The neutral frequency spectrum of linked sites. <i>Theoretical Population Biology</i> , 2018, 123, 70-79.	1.1	11
30	Clinical and genetic study of Tunisian families with genetic generalized epilepsy: contribution of CACNA1H and MAST4 genes. <i>Neurogenetics</i> , 2018, 19, 165-178.	1.4	10
31	Testing for population decline using maximal linkage disequilibrium blocks. <i>Theoretical Population Biology</i> , 2020, 134, 171-181.	1.1	7
32	Mutational pattern of a sample from a critical branching population. <i>Journal of Mathematical Biology</i> , 2016, 73, 627-664.	1.9	6
33	No HIV-1 molecular evolution on long-term antiretroviral therapy initiated during primary HIV-1 infection. <i>Aids</i> , 2020, 34, 1745-1753.	2.2	6
34	The genomic view of diversification. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1387-1404.	1.7	5
35	The sequential loss of allelic diversity. <i>Advances in Applied Probability</i> , 2018, 50, 13-29.	0.7	1