

Albert J Vilella

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3355756/publications.pdf>

Version: 2024-02-01

20
papers

9,079
citations

394286

19
h-index

713332

21
g-index

21
all docs

21
docs citations

21
times ranked

16545
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of genes and genomes on the Drosophila phylogeny. Nature, 2007, 450, 203-218.	13.7	1,886
2	EnsemblCompara GeneTrees: Complete, duplication-aware phylogenetic trees in vertebrates. Genome Research, 2009, 19, 327-335.	2.4	1,058
3	A high-resolution map of human evolutionary constraint using 29 mammals. Nature, 2011, 478, 476-482.	13.7	1,016
4	The genome of a songbird. Nature, 2010, 464, 757-762.	13.7	770
5	Insights into hominid evolution from the gorilla genome sequence. Nature, 2012, 483, 169-175.	13.7	663
6	Ensembl 2011. Nucleic Acids Research, 2011, 39, D800-D806.	6.5	630
7	Comparative and demographic analysis of orang-utan genomes. Nature, 2011, 469, 529-533.	13.7	541
8	Sequencing of <i>Culex quinquefasciatus</i> Establishes a Platform for Mosquito Comparative Genomics. Science, 2010, 330, 86-88.	6.0	424
9	Multi-Platform Next-Generation Sequencing of the Domestic Turkey (<i>Meleagris gallopavo</i>): Genome Assembly and Analysis. PLoS Biology, 2010, 8, e1000475.	2.6	348
10	Ensembl comparative genomics resources. Database: the Journal of Biological Databases and Curation, 2016, 2016, bav096.	1.4	344
11	Genome Sequencing and Analysis of the Tasmanian Devil and Its Transmissible Cancer. Cell, 2012, 148, 780-791.	13.5	300
12	TreeFam: 2008 Update. Nucleic Acids Research, 2007, 36, D735-D740.	6.5	294
13	Ensembl's 10th year. Nucleic Acids Research, 2010, 38, D557-D562.	6.5	251
14	Accurate extension of multiple sequence alignments using a phylogeny-aware graph algorithm. Bioinformatics, 2012, 28, 1684-1691.	1.8	126
15	VariScan: Analysis of evolutionary patterns from large-scale DNA sequence polymorphism data. Bioinformatics, 2005, 21, 2791-2793.	1.8	120
16	Genome-wide DNA polymorphism analyses using VariScan. BMC Bioinformatics, 2006, 7, 409.	1.2	115
17	RNAcentral: A vision for an international database of RNA sequences. Rna, 2011, 17, 1941-1946.	1.6	67
18	eHive: An Artificial Intelligence workflow system for genomic analysis. BMC Bioinformatics, 2010, 11, 240.	1.2	37

#	ARTICLE	IF	CITATIONS
19	ncRNA orthologies in the vertebrate lineage. Database: the Journal of Biological Databases and Curation, 2016, 2016, bav127.	1.4	19
20	Considerations for the inclusion of 2x mammalian genomes in phylogenetic analyses. Genome Biology, 2011, 12, 401.	13.9	7