

Manolo Gouy

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

9,064
citations

257357

24
h-index

477173

29
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all docs

31
docs citations

31
times ranked

13455
citing authors

#	ARTICLE	IF	CITATIONS
1	SeaView Version 4: A Multiplatform Graphical User Interface for Sequence Alignment and Phylogenetic Tree Building. <i>Molecular Biology and Evolution</i> , 2010, 27, 221-224.	3.5	5,075
2	Genome sequence and gene compaction of the eukaryote parasite <i>Encephalitozoon cuniculi</i> . <i>Nature</i> , 2001, 414, 450-453.	13.7	960
3	A Nonhyperthermophilic Common Ancestor to Extant Life Forms. <i>Science</i> , 1999, 283, 220-221.	6.0	420
4	A Phylogenomic Approach to Bacterial Phylogeny: Evidence of a Core of Genes Sharing a Common History. <i>Genome Research</i> , 2002, 12, 1080-1090.	2.4	303
5	Phylogenetic position of the order Lagomorpha (rabbits, hares and allies). <i>Nature</i> , 1996, 379, 333-335.	13.7	261
6	Genome-scale coestimation of species and gene trees. <i>Genome Research</i> , 2013, 23, 323-330.	2.4	223
7	HOVERGEN: a database of homologous vertebrate genes. <i>Nucleic Acids Research</i> , 1994, 22, 2360-2365.	6.5	216
8	Parallel adaptations to high temperatures in the Archaean eon. <i>Nature</i> , 2008, 456, 942-945.	13.7	198
9	Bio++: Efficient Extensible Libraries and Tools for Computational Molecular Evolution. <i>Molecular Biology and Evolution</i> , 2013, 30, 1745-1750.	3.5	163
10	Tree pattern matching in phylogenetic trees: automatic search for orthologs or paralogs in homologous gene sequence databases. <i>Bioinformatics</i> , 2005, 21, 2596-2603.	1.8	161
11	Efficient Likelihood Computations with Nonreversible Models of Evolution. <i>Systematic Biology</i> , 2006, 55, 756-768.	2.7	132
12	Phylogenetic Analysis of the Complete Genome Sequence of <i>Encephalitozoon cuniculi</i> Supports the Fungal Origin of Microsporidia and Reveals a High Frequency of Fast-Evolving Genes. <i>Journal of Molecular Evolution</i> , 2004, 59, 780-791.	0.8	123
13	Databases of homologous gene families for comparative genomics. <i>BMC Bioinformatics</i> , 2009, 10, S3.	1.2	118
14	Adaptation to Environmental Temperature Is a Major Determinant of Molecular Evolutionary Rates in Archaea. <i>Molecular Biology and Evolution</i> , 2011, 28, 2661-2674.	3.5	117
15	Seaview Version 5: A Multiplatform Software for Multiple Sequence Alignment, Molecular Phylogenetic Analyses, and Tree Reconciliation. <i>Methods in Molecular Biology</i> , 2021, 2231, 241-260.	0.4	79
16	Functional and evolutionary analysis of a eukaryotic parasitic genome. <i>Current Opinion in Microbiology</i> , 2002, 5, 499-505.	2.3	76
17	Accounting for horizontal gene transfers explains conflicting hypotheses regarding the position of aquificales in the phylogeny of Bacteria. <i>BMC Evolutionary Biology</i> , 2008, 8, 272.	3.2	74
18	HOBACGEN: Database System for Comparative Genomics in Bacteria. <i>Genome Research</i> , 2000, 10, 379-385.	2.4	69

#	ARTICLE	IF	CITATIONS
19	leBIBIQBPP: a set of databases and a webtool for automatic phylogenetic analysis of prokaryotic sequences. BMC Bioinformatics, 2015, 16, 251.	1.2	52
20	Toward More Accurate Ancestral Protein Genotypeâ€“Phenotype Reconstructions with the Use of Species Tree-Aware Gene Trees. Molecular Biology and Evolution, 2015, 32, 13-22.	3.5	43
21	Gene Acquisitions from Bacteria at the Origins of Major Archaeal Clades Are Vastly Overestimated. Molecular Biology and Evolution, 2016, 33, 305-310.	3.5	37
22	Remote access to ACNUC nucleotide and protein sequence databases at PBIL. Biochimie, 2008, 90, 555-562.	1.3	31
23	Evolutionary Affinities of the Order Perissodactyla and the Phylogenetic Status of the Superordinal Taxa Ungulata and Altungulata. Molecular Phylogenetics and Evolution, 1997, 7, 195-200.	1.2	29
24	NRSub: a non-redundant data base for the Bacillus subtilis genome. Nucleic Acids Research, 1994, 22, 5525-5529.	6.5	27
25	The molecular signal for the adaptation to cold temperature during early life on Earth. Biology Letters, 2013, 9, 20130608.	1.0	22
26	What genomes have to say about the evolution of the Earth. Gondwana Research, 2012, 21, 483-494.	3.0	18
27	The Molecular Determinants of Thermoadaptation: Methanococcales as a Case Study. Molecular Biology and Evolution, 2021, 38, 1761-1776.	3.5	14
28	Resurrection of Ancestral Malate Dehydrogenases Reveals the Evolutionary History of Halobacterial Proteins: Deciphering Gene Trajectories and Changes in Biochemical Properties. Molecular Biology and Evolution, 2021, 38, 3754-3774.	3.5	10
29	Ancient bacteria liked it hot. Nature, 2008, 451, 635-636.	13.7	7
30	For Three Billion Years, Microorganisms Were the Only Inhabitants of the Earth. , 2015, , 75-106.		6
31	Hovergen: Comparative Analysis of Homologous Vertebrate Genes. , 2002, , 21-35.		0