

Luciano Brocchieri

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,009
citations

430874

18
h-index

713466

21
g-index

24
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24
docs citations

24
times ranked

2985
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative frame analysis and the annotation of GC-rich (and other) prokaryotic genomes. An application to <i>Anaeromyxobacter dehalogenans</i> . <i>Bioinformatics</i> , 2015, 31, 3254-3261.	4.1	4
2	Gene identification in <i>Pseudomonas aeruginosa</i> : from bioinformatics to experimental analysis. <i>FASEB Journal</i> , 2012, 26, 978.3.	0.5	0
3	Chaperonin genes on the rise: new divergent classes and intense duplication in human and other vertebrate genomes. <i>BMC Evolutionary Biology</i> , 2010, 10, 64.	3.2	30
4	A Comprehensive Classification and Evolutionary Analysis of Plant Homeobox Genes. <i>Molecular Biology and Evolution</i> , 2009, 26, 2775-2794.	8.9	383
5	hsp70 genes in the human genome: Conservation and differentiation patterns predict a wide array of overlapping and specialized functions. <i>BMC Evolutionary Biology</i> , 2008, 8, 19.	3.2	224
6	Chaperonomics, a new tool to study ageing and associated diseases. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 125-136.	4.6	18
7	Evolution of a Protein-Folding Machine: Genomic and Evolutionary Analyses Reveal Three Lineages of the Archaeal hsp70(dnaK) Gene. <i>Journal of Molecular Evolution</i> , 2006, 63, 74-86.	1.8	21
8	Distinguishing features of $\hat{\Gamma}$ -proteobacterial genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11352-11357.	7.1	27
9	Predicting Coding Potential from Genome Sequence: Application to Betaherpesviruses Infecting Rats and Mice. <i>Journal of Virology</i> , 2005, 79, 7570-7596.	3.4	61
10	Genomic and proteomic comparisons between bacterial and archaeal genomes and related comparisons with the yeast and fly genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7309-7314.	7.1	22
11	Protein length in eukaryotic and prokaryotic proteomes. <i>Nucleic Acids Research</i> , 2005, 33, 3390-3400.	14.5	342
12	Predicted highly expressed genes in archaeal genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7303-7308.	7.1	52
13	Environmental signatures in proteome properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8257-8258.	7.1	16
14	The composition, structure and stability of a group II chaperonin are temperature regulated in a hyperthermophilic archaeon. <i>Molecular Microbiology</i> , 2003, 48, 143-156.	2.5	65
15	Allostery and Induced Fit: NMR and Molecular Modeling Study of the trp Repressor-mtr DNA Complex. <i>ACS Symposium Series</i> , 2002, , 340-366.	0.5	2
16	Heterogeneity of Genome and Proteome Content in Bacteria, Archaea, and Eukaryotes. <i>Theoretical Population Biology</i> , 2002, 61, 367-390.	1.1	41
17	Phylogenetic Inferences from Molecular Sequences: Review and Critique. <i>Theoretical Population Biology</i> , 2001, 59, 27-40.	1.1	91
18	Conservation among HSP60 sequences in relation to structure, function, and evolution. <i>Protein Science</i> , 2000, 9, 476-486.	7.6	155

#	ARTICLE	IF	CITATIONS
19	Significant Segment Alignment of Pairs of Protein Sequences from Animals, Plants and Fungi. , 1999, , 213-221.		0
20	Heat Shock Protein 70 Family: Multiple Sequence Comparisons, Function, and Evolution. Journal of Molecular Evolution, 1998, 47, 565-577.	1.8	168
21	A symmetric-iterated multiple alignment of protein sequences. Journal of Molecular Biology, 1998, 276, 249-264.	4.2	71
22	Evolutionary Comparisons of RecA-Like Proteins Across All Major Kingdoms of Living Organisms. Journal of Molecular Evolution, 1997, 44, 528-541.	1.8	125
23	Measuring Residue Association in Protein Structures Possible Implications for Protein Folding. Journal of Molecular Biology, 1994, 239, 227-248.	4.2	88