

Angelo Pavesi

List of Publications by Year in descending order

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29
papers

1,166
citations

471509

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477307

29
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29
docs citations

29
times ranked

1528
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer RNA gene redundancy and translational selection in <i>Saccharomyces cerevisiae</i> 1 Edited by J. Karn. <i>Journal of Molecular Biology</i> , 1997, 268, 322-330.	4.2	277
2	Comparative genomics of the genus <i>Bifidobacterium</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 3243-3254.	1.8	116
3	Identification of new eukaryotic tRNA genes in genomic DNA databases by a multistep weight matrix analysis of transcriptional control regions. <i>Nucleic Acids Research</i> , 1994, 22, 1247-1256.	14.5	114
4	Clarithromycin versus doxycycline in the treatment of rosacea. <i>International Journal of Dermatology</i> , 1997, 36, 942-946.	1.0	62
5	Viral Proteins Originated De Novo by Overprinting Can Be Identified by Codon Usage: Application to the "Gene Nursery" of Deltaretroviruses. <i>PLoS Computational Biology</i> , 2013, 9, e1003162.	3.2	61
6	On the Informational Content of Overlapping Genes in Prokaryotic and Eukaryotic Viruses. <i>Journal of Molecular Evolution</i> , 1997, 44, 625-631.	1.8	60
7	Origin and evolution of overlapping genes in the family Microviridae. <i>Journal of General Virology</i> , 2006, 87, 1013-1017.	2.9	57
8	Overlapping genes and the proteins they encode differ significantly in their sequence composition from non-overlapping genes. <i>PLoS ONE</i> , 2018, 13, e0202513.	2.5	45
9	Origin and Evolution of GBV-C/Hepatitis G Virus and Relationships with Ancient Human Migrations. <i>Journal of Molecular Evolution</i> , 2001, 53, 104-113.	1.8	42
10	Conflicting and ambiguous names of overlapping ORFs in the SARS-CoV-2 genome: A homology-based resolution. <i>Virology</i> , 2021, 558, 145-151.	2.4	40
11	Utility of JC polyomavirus in tracing the pattern of human migrations dating to prehistoric times. <i>Journal of General Virology</i> , 2005, 86, 1315-1326.	2.9	37
12	African Origin of Polyomavirus JC and Implications for Prehistoric Human Migrations. <i>Journal of Molecular Evolution</i> , 2003, 56, 564-572.	1.8	36
13	Identification, characterization, and analysis of cDNA and genomic sequences encoding two different small heat shock proteins in <i>Hordeum vulgare</i> . <i>Genome</i> , 1993, 36, 1111-1118.	2.0	30
14	New insights into the evolutionary features of viral overlapping genes by discriminant analysis. <i>Virology</i> , 2020, 546, 51-66.	2.4	30
15	Detection of Signature Sequences in Overlapping Genes and Prediction of a Novel Overlapping Gene in Hepatitis G Virus. <i>Journal of Molecular Evolution</i> , 2000, 50, 284-295.	1.8	29
16	Detecting Traces of Prehistoric Human Migrations by Geographic Synthetic Maps of Polyomavirus JC. <i>Journal of Molecular Evolution</i> , 2004, 58, 304-313.	1.8	21
17	Origin, Evolution and Stability of Overlapping Genes in Viruses: A Systematic Review. <i>Genes</i> , 2021, 12, 809.	2.4	20
18	Relationships Between Transcriptional and Translational Control of Gene Expression in <i>Saccharomyces cerevisiae</i> : A Multiple Regression Analysis. <i>Journal of Molecular Evolution</i> , 1999, 48, 133-141.	1.8	18

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19	Asymmetric evolution in viral overlapping genes is a source of selective protein adaptation. <i>Virology</i> , 2019, 532, 39-47.	2.4	17
20	Different patterns of codon usage in the overlapping polymerase and surface genes of hepatitis B virus suggest a de novo origin by modular evolution. <i>Journal of General Virology</i> , 2015, 96, 3577-3586.	2.9	15
21	Pattern of nucleotide substitution in the overlapping nonstructural genes of influenza A virus and implication for the genetic diversity of the H5N1 subtype. <i>Gene</i> , 2007, 402, 28-34.	2.2	13
22	Prediction of two novel overlapping ORFs in the genome of SARS-CoV-2. <i>Virology</i> , 2021, 562, 149-157.	2.4	6
23	Brief communication: Coexistence of two distinct patterns in the surname structure of Sicily. <i>American Journal of Physical Anthropology</i> , 2003, 120, 195-199.	2.1	5
24	Cloning of two glutamate dehydrogenase cDNAs from <i>Asparagus officinalis</i> : Sequence analysis and evolutionary implications. <i>Genome</i> , 2000, 43, 306-316.	2.0	4
25	A new insight into the suggestion of a possible antigenic role of a member of the 70 kD heat shock proteins.. <i>Cell Biology International</i> , 1993, 17, 83-92.	3.0	3
26	Extending the Coding Potential of Viral Genomes with Overlapping Antisense ORFs: A Case for the De Novo Creation of the Gene Encoding the Antisense Protein ASP of HIV-1. <i>Viruses</i> , 2022, 14, 146.	3.3	3
27	A Novel Algorithm for the Search of 5S rRNA Genes in DNA Databases: Comparison with Other Methods and Identification of New Potential 5S rRNA Genes. <i>DNA Sequence</i> , 1997, 7, 165-177.	0.7	2
28	Prediction of the determinants of thermal stability by linear discriminant analysis: The case of the glutamate dehydrogenase protein family. <i>Journal of Theoretical Biology</i> , 2014, 357, 160-168.	1.7	2
29	Computational methods for inferring location and genealogy of overlapping genes in virus genomes: approaches and applications. <i>Current Opinion in Virology</i> , 2022, 52, 1-8.	5.4	1