

Francisco Prosdocimi

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,946
citations

535685

17
h-index

190340

53
g-index

86
all docs

86
docs citations

86
times ranked

6418
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceptions of plagiarism among PhDs across the sciences, engineering, humanities, and arts: Results from a national survey in Brazil. <i>Accountability in Research</i> , 2023, 30, 407-438.	1.6	1
2	The Theory of Chemical Symbiosis: A Margulian View for the Emergence of Biological Systems (Origin) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.7	8
3	Is it possible that cells have had more than one origin?. <i>BioSystems</i> , 2021, 202, 104371.	0.9	9
4	Diversification of <i>Prochilodus</i> in the eastern Brazilian Shield: Evidence from complete mitochondrial genomes (Teleostei, Prochilodontidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 1053-1063.	0.6	8
5	Reproductive development and genetic structure of the mycoheterotrophic orchid <i>Pogoniopsis schenckii</i> Cogn.. <i>BMC Plant Biology</i> , 2021, 21, 332.	1.6	2
6	Organic Codes: A Unifying Concept for Life. <i>Acta Biotheoretica</i> , 2021, 69, 769-782.	0.7	7
7	Life and living beings under the perspective of organic macrocodes. <i>BioSystems</i> , 2021, 206, 104445.	0.9	10
8	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , 2020, 587, 252-257.	13.7	251
9	The Ancient History of Peptidyl Transferase Center Formation as Told by Conservation and Information Analyses. <i>Life</i> , 2020, 10, 134.	1.1	17
10	MitoFinder: Efficient automated large-scale extraction of mitogenomic data in target enrichment phylogenomics. <i>Molecular Ecology Resources</i> , 2020, 20, 892-905.	2.2	785
11	Genetic diversity and aquaculture conservation for a threatened Neotropical catfish. <i>Neotropical Ichthyology</i> , 2020, 18, .	0.5	2
12	On the evolutionary origin of Neotropical cavefish <i>Ancistrus cryptophthalmus</i> (Siluriformes,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T</i> <i>Hydrobiologia</i> , 2019, 842, 157-171.	1.0	1
13	Viruses as a survival strategy in the armory of life. <i>History and Philosophy of the Life Sciences</i> , 2019, 41, 45.	0.6	11
14	A neutral evolution test derived from a theoretical amino acid substitution model. <i>Journal of Theoretical Biology</i> , 2019, 467, 31-38.	0.8	5
15	DNA barcoding of the rodent genus <i>Oligoryzomys</i> (Cricetidae: Sigmodontinae): mitogenomic-anchored database and identification of nuclear mitochondrial translocations (Numts). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2019, 30, 702-712.	0.7	6
16	Brazilian <i>Bothrops diporus</i> , in fact a lineage of <i>Bothrops pubescens</i> : Mitogenomic, venomomic and ontogenetic studies. <i>Toxicon</i> , 2019, 159, S15.	0.8	0
17	Complete plastid genome of <i>Lippia organoides</i> (Verbenaceae) and phylogenomic analysis of Lamiales. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 808-810.	0.2	4
18	Barcoding the Neotropical freshwater fish fauna using a new pair of universal COI primers with a discussion of primer dimers and M13 primer tails. <i>Genome</i> , 2019, 62, 77-83.	0.9	20

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19	Complete mitochondrial genomes for three lizards (<i>Anolis punctatus</i> , <i>Sceloporus woodi</i> , and <i>Tj ETQq1 1 0.784314 rgBT /Over</i> DNA Part B: Resources, 2019, 4, 700-702.	0.2	1
20	Accessible molecular phylogenomics at no cost: obtaining 14 new mitogenomes for the ant subfamily <i>Pseudomyrmecinae</i> from public data. <i>PeerJ</i> , 2019, 7, e6271.	0.9	21
21	Angiogenesis and evading immune destruction are the main related transcriptomic characteristics to the invasive process of oral tongue cancer. <i>Scientific Reports</i> , 2018, 8, 2007.	1.6	13
22	A hybrid-hierarchical genome assembly strategy to sequence the invasive golden mussel, <i>Limnoperna</i> <i>fortunei</i> . <i>GigaScience</i> , 2018, 7, .	3.3	60
23	The heavy strand dilemma of vertebrate mitochondria on genome sequencing age: number of encoded genes or G+C content?. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 300-302.	0.7	15
24	Parrot Genomes and the Evolution of Heightened Longevity and Cognition. <i>Current Biology</i> , 2018, 28, 4001-4008.e7.	1.8	52
25	Comparative mitogenomic analyses of Amazona parrots and Psittaciformes. <i>Genetics and Molecular</i> <i>Biology</i> , 2018, 41, 593-604.	0.6	5
26	<i>Copaifera langsdorffii</i> Novel Putative Long Non-Coding RNAs: Interspecies Conservation Analysis in Adaptive Response to Different Biomes. <i>Non-coding RNA</i> , 2018, 4, 27.	1.3	4
27	Conceptual challenges for the emergence of the biological system: Cell theory and self-replication. <i>Medical Hypotheses</i> , 2018, 119, 79-83.	0.8	11
28	The assembly and annotation of the complete Rufous-bellied thrush mitochondrial genome. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 231-232.	0.7	4
29	Oxidation of monoterpenes in <i>Protium heptaphyllum</i> oleoresins. <i>Phytochemistry</i> , 2017, 136, 141-146.	1.4	18
30	The complete mitochondrial genome of the subsocial cockroach <i>Nauphoeta cinerea</i> and phylogenomic analyses of <i>Blattodea</i> mitogenomes suggest reclassification of superfamilies. <i>Mitochondrial DNA Part</i> <i>B: Resources</i> , 2017, 2, 76-78.	0.2	5
31	The complete mitochondrial genome of the surubim <i>Pseudoplatystoma corruscans</i> (Siluriformes): Tj ETQq1 1 0.784314 rgBT /Overloc families. <i>Conservation Genetics Resources</i> , 2017, 9, 535-539.	0.4	1
32	Comparative genomics and phylogenomics of <i>Trichostrongyloidea</i> mitochondria reveal insights for molecular diagnosis and evolutionary biology of nematode worms. <i>Gene Reports</i> , 2017, 9, 65-73.	0.4	5
33	Buds of the tree: the highway to the last universal common ancestor. <i>International Journal of</i> <i>Astrobiology</i> , 2017, 16, 105-113.	0.9	6
34	The complete mitochondrial genome of the southern purple-spotted gudgeon <i>Mogurnda</i> <i>adpersa</i> (Perciformes: Eleotridae) through pyrosequencing. <i>Mitochondrial DNA</i> , 2016, 27, 380-382.	0.6	5
35	The complete mitochondrial genome of the ruby-topaz hummingbird <i>Chrysolampis mosquitus</i> through Illumina sequencing. <i>Mitochondrial DNA</i> , 2016, 27, 769-770.	0.6	4
36	Symbiont modulates expression of specific gene categories in <i>Angomonas deanei</i> . <i>Memorias Do</i> <i>Instituto Oswaldo Cruz</i> , 2016, 111, 686-691.	0.8	6

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37	The complete mitochondrial genome of the threatened Neotropical catfish <i>Lophiosilurus alexandri</i> (Siluriformes: Pseudopimelodidae) and phylogenomic analysis indicate monophyly of Pimelodoidea. <i>Genetics and Molecular Biology</i> , 2016, 39, 674-677.	0.6	8
38	In silico phylogenomics using complete genomes: a case study on the evolution of hominoids. <i>Genome Research</i> , 2016, 26, 1257-1267.	2.4	12
39	Complete chloroplast genome of the orchid <i>Cattleya crispata</i> (Orchidaceae:Laeliinae), a Neotropical rupicolous species. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4075-4077.	0.7	16
40	Complete mitochondrial genome of the brown mussel <i>Perna perna</i> (Bivalve, Mytilidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3955-3956.	0.7	10
41	The complete mitochondrial genome of the golden mussel <i>Limnoperna fortunei</i> and comparative mitogenomics of Mytilidae. <i>Gene</i> , 2016, 577, 202-208.	1.0	25
42	Complete mitochondrial genome of the versicoloured emerald hummingbird <i>Amazilia versicolor</i> , a polymorphic species. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3214-3215.	0.7	4
43	Metazoan Remaining Genes for Essential Amino Acid Biosynthesis: Sequence Conservation and Evolutionary Analyses. <i>Nutrients</i> , 2015, 7, 1-16.	1.7	9
44	Genome of <i>Rhodnius prolixus</i> , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14936-14941.	3.3	329
45	The Genetics of the Golden Mussel (<i>Limnoperna fortunei</i>): Are Genes Related to Invasiveness?. , 2015, , 67-75.		8
46	Gene Discovery through Transcriptome Sequencing for the Invasive Mussel <i>Limnoperna fortunei</i> . <i>PLoS ONE</i> , 2014, 9, e102973.	1.1	50
47	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014, 346, 1320-1331.	6.0	1,583
48	New insights on the biology of swine respiratory tract mycoplasmas from a comparative genome analysis. <i>BMC Genomics</i> , 2013, 14, 175.	1.2	63
49	The Genome of <i>Anopheles darlingi</i> , the main neotropical malaria vector. <i>Nucleic Acids Research</i> , 2013, 41, 7387-7400.	6.5	102
50	A directed approach for the identification of transcripts harbouring the spliced leader sequence and the effect of trans-splicing knockdown in <i>Schistosoma mansoni</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 707-717.	0.8	10
51	EvoluCode: Evolutionary Barcodes as a Unifying Framework for Multilevel Evolutionary Data. <i>Evolutionary Bioinformatics</i> , 2012, 8, EBO.S8814.	0.6	4
52	Controversies in modern evolutionary biology: the imperative for error detection and quality control. <i>BMC Genomics</i> , 2012, 13, 5.	1.2	40
53	The complete mitochondrial genome of two recently derived species of the fish genus <i>Nannoperca</i> (Perciformes, Percichthyidae). <i>Molecular Biology Reports</i> , 2012, 39, 2767-2772.	1.0	50
54	Evidences for Viral Strain Selection in Late Stages of HIV Infection: An Analysis of Vpu Alleles. <i>Protein Journal</i> , 2012, 31, 184-193.	0.7	0

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55	Review Protein families, natural history and biotechnological aspects of spider silk. <i>Genetics and Molecular Research</i> , 2012, 11, 2360-2380.	0.3	23
56	Sequence variations of Env signal peptide alleles in different clinical stages of HIV infection. <i>Peptides</i> , 2011, 32, 1800-1806.	1.2	9
57	Amino acids biosynthesis and nitrogen assimilation pathways: a great genomic deletion during eukaryotes evolution. <i>BMC Genomics</i> , 2011, 12, S2.	1.2	42
58	Spinning Gland Transcriptomics from Two Main Clades of Spiders (Order: Araneae) - Insights on Their Molecular, Anatomical and Behavioral Evolution. <i>PLoS ONE</i> , 2011, 6, e21634.	1.1	30
59	Survey of genome organization and gene content of <i>Corynebacterium pseudotuberculosis</i> . <i>Microbiological Research</i> , 2010, 165, 312-320.	2.5	17
60	Knowledge Standardization in Evolutionary Biology: The Comparative Data Analysis Ontology. , 2009, , 195-214.		2
61	Initial Implementation of a Comparative Data Analysis Ontology. <i>Evolutionary Bioinformatics</i> , 2009, 5, EBO.S2320.	0.6	30
62	Essential amino acid usage and evolutionary nutrigenomics of eukaryotes - insights into the differential usage of amino acids in protein domains and extra-domains. <i>Genetics and Molecular Research</i> , 2008, 7, 839-852.	0.3	5
63	A procedure to recruit members to enlarge protein family databases - the building of UECOG (UniRef-Enriched COG Database) as a model. <i>Genetics and Molecular Research</i> , 2008, 7, 910-924.	0.3	6
64	A set of amino acids found to occur more frequently in human and fly than in plant and yeast proteomes consists of non-essential amino acids. <i>Computers in Biology and Medicine</i> , 2007, 37, 159-165.	3.9	4
65	LEARNING COMPREHENSIBLE CLASSIFICATION RULES FROM GENE EXPRESSION DATA USING GENETIC PROGRAMMING AND BIOLOGICAL ONTOLOGIES. , 2006, , .		2
66	Efficient secondary database driven annotation using model organism sequences. <i>In Silico Biology</i> , 2006, 6, 363-72.	0.4	1
67	Genetic algorithm for analysis of mutations in Parkinson's disease. <i>Artificial Intelligence in Medicine</i> , 2005, 35, 227-241.	3.8	16
68	Accessing optimal primer distance from insert. <i>In Silico Biology</i> , 2005, 5, 469-77.	0.4	1
69	Nucleic acid binding properties of SmZF1, a zinc finger protein of <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2004, 34, 1211-1219.	1.3	4
70	Evaluation of window cohabitation of DNA sequencing errors and lowest PHRED quality values. <i>Genetics and Molecular Research</i> , 2004, 3, 483-92.	0.3	3
71	Clustering of <i>Schistosoma mansoni</i> mRNA sequences and analysis of the most transcribed genes: implications in metabolism and biology of different developmental stages. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 61-69.	0.8	17
72	An overview of the Sixth International Conference on the Comparative Biology of Monocotyledons - Monocots VI - Natal, Brazil, 2018. <i>Rodriguesia</i> , 0, 72, .	0.9	0