Diego C B Mariano

List of Publications by Year
in descending order

43 papers	510 citations	1040056 9 h-index	794594 19 g-index
46 all docs	46 docs citations	46 times ranked	667 citing authors

#	Article	IF	Citations
1	Molecular and genetic characterization of a large Brazilian cohort presenting hearing loss. Human Genetics, 2022, 141, 519-538.	3.8	6
2	Bootstrap 5 â€“ Guia RÃ¡pido para Iniciantes. , 2022, , .		0
3	E-Volve: understanding the impact of mutations in SARS-CoV-2 variants spike protein on antibodies and ACE2 affinity through patterns of chemical interactions at protein interfaces. PeerJ, 2022, 10, e13099.	2.0	3
4	Conformational flexibility correlates with glucose tolerance for point mutations in Î²-glucosidases â€“ a computational study. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1621-1634.	3.5	10
5	Propedia: a database for proteinâ€“peptide identification based on a hybrid clustering algorithm. BMC Bioinformatics, 2021, 22, 1.	2.6	261
6	ToxAnalyzer: A user-friendly web tool for interactive data analysis and visualization of chemical compounds from the Comparative Toxicogenomics Database (CTD)â„¢. Computational Toxicology, 2021, 19, 100170.	3.3	1
7	From In-Person to the Online World: Insights Into Organizing Events in Bioinformatics. Frontiers in Bioinformatics, 2021, 1, .	2.1	0
8	VTR: A Web Tool for Identifying Analogous Contacts on Protein Structures and Their Complexes. Frontiers in Bioinformatics, 2021, 1, .	2.1	4
9	Proteus: An algorithm for proposing stabilizing mutation pairs based on interactions observed in known protein 3D structures. BMC Bioinformatics, 2020, 21, 275.	2.6	6
10	GlutantÎ²ase: a database for improving the rational design of glucose-tolerant Î²-glucosidases. BMC Molecular and Cell Biology, 2020, 21, 50.	2.0	9
11	WordPress sem fronteiras: do bÃ¡sico Ã construÃ§Ã£o de sites completos. , 2020, , .		1
12	A Brief History of Bioinformatics Told by Data Visualization. Lecture Notes in Computer Science, 2020, , 235-246.	1.3	0
13	Molecular Dynamics Gives New Insights into the Glucose Tolerance and Inhibition Mechanisms on Î²-Glucosidases. Molecules, 2019, 24, 3215.	3.8	17
14	Introducing Programming Skills for Life Science Students. Biochemistry and Molecular Biology Education, 2019, 47, 288-295.	1.2	16
15	A Computational Method to Propose Mutations in Enzymes Based on Structural Signature Variation (SSV). International Journal of Molecular Sciences, 2019, 20, 333.	4.1	11
16	Proteingo: Motivation, user experience, and learning of molecular interactions in biological complexes. Entertainment Computing, 2019, 29, 31-42.	2.9	10
17	Transcriptome analysis of Corynebacterium pseudotuberculosis biovar Equi in two conditions of the environmental stress. Gene, 2018, 677, 349-360.	2.2	5
18	Draft Genome Sequence of a Virulent Strain of Pasteurella Multocida Isolated From Alpaca. Journal of Genomics, 2017, 5, 68-70.	0.9	3

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19	Characterization of glucose-tolerant Î²-glucosidases used in biofuel production under the bioinformatics perspective: a systematic review. Genetics and Molecular Research, 2017, 16, .	0.2	19
20	Draft Genome Sequence of Toxigenic Corynebacterium ulcerans Strain 04-7514, Isolated from a Dog in France. Genome Announcements, 2016, 4, .	0.8	3
21	Draft Genome Sequence of Corynebacterium ulcerans Strain 04-3911, Isolated from Humans. Genome Announcements, 2016, 4, .	0.8	2
22	Whole-Genome Sequence of Corynebacterium auriscanis Strain CIP 106629 Isolated from a Dog with Bilateral Otitis from the United Kingdom. Genome Announcements, 2016, 4, .	0.8	0
23	Draft Genome Sequence of Toxigenic Corynebacterium ulcerans Strain 03-8664 Isolated from a Human Throat. Genome Announcements, 2016, 4, .	0.8	2
24	Complete Genome Sequence of the Attenuated Corynebacterium pseudotuberculosis Strain T1. Genome Announcements, 2016, 4, .	0.8	5
25	SIMBA: a web tool for managing bacterial genome assembly generated by Ion PGM sequencing technology. BMC Bioinformatics, 2016, 17, 456.	2.6	8
26	Complete genome sequence of Streptococcus agalactiae strain GBS85147 serotype of type Ia isolated from human oropharynx. Standards in Genomic Sciences, 2016, 11, 39.	1.5	6
27	Whole-genome optical mapping reveals a mis-assembly between two rRNA operons of Corynebacterium pseudotuberculosis strain 1002. BMC Genomics, 2016, 17, 315.	2.8	17
28	The genome anatomy of Corynebacterium pseudotuberculosis VD57 a highly virulent strain causing Caseous lymphadenitis. Standards in Genomic Sciences, 2016, 11, 29.	1.5	20
29	Genome Sequence of Corynebacterium ulcerans Strain FRC11. Genome Announcements, 2015, 3, .	0.8	5
30	Complete Genome Sequence of Corynebacterium pseudotuberculosis Strain 12C. Genome Announcements, 2015, 3, .	0.8	3
31	CMRegNetâ€“An interspecies reference database for corynebacterial and mycobacterial regulatory networks. BMC Genomics, 2015, 16, 452.	2.8	5
32	MapRepeat: an approach for effective assembly of repetitive regions in prokaryotic genomes. Bioinformation, 2015, 11, 276-279.	0.5	12
33	Genome Sequence of Lactococcus lactis subsp. lactis NCDO 2118, a GABA-Producing Strain. Genome Announcements, 2014, 2, .	0.8	31
34	Genome Sequence of Corynebacterium ulcerans Strain 210932. Genome Announcements, 2014, 2, .	0.8	4
35	Biopython: uma breve introduÃ§Ã£o Ã manipulaÃ§Ã£o de dados biolÃ³gicos em Python usando Colab. , 0, , .		0
36	Alinhamentos estruturais: mÃ©todos de sobreposiÃ§Ã£o de proteÃnas e outras molÃ©culas. , 0, , .		0

#	Article	IF	Citations
37	Editorial â€“ BIOINFO #01. , 0, , .		0
38	Tipos de cobertura em sequenciamento genÃ´mico. , 0, , .		0
39	MÃ©tricas de avaliaÃ§Ã£o em machine learning: acurÃ¡cia, sensibilidade, precisÃ£o, especificidade e F-score. , 0, , .		3
40	DinÂ¢mica molecular: como mostrar um filme completo em uma folha de papel?. , 0, , .		0
41	Uma estratÃ©gia para engajamento de participantes de eventos online. , 0, , .		1
42	Milk-Way algorithm for ligand-based virtual screening: CDK2 case study. Trends in Developmental Biology, 0, 13, 1.	1.0	1
43	Using Computers to Improve Biofuel Production. Frontiers for Young Minds, 0, 10, .	0.8	0