Ulisses Dias

List of Publications by Year
in descending order

42 papers	240 citations	1163117 8 h-index	1199594 12 g-index
44 all docs	44 docs citations	44 times ranked	80 citing authors

#	Article	IF	Citations
1	On the Complexity of Sorting by Reversals and Transpositions Problems. Journal of Computational Biology, 2019, 26, 1223-1229.	1.6	22
2	Image-Based Time Series Representations for Pixelwise Eucalyptus Region Classification: A Comparative Study. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1450-1454.	3.1	20
3	Sorting by Genome Rearrangements on Both Gene Order and Intergenic Sizes. Journal of Computational Biology, 2020, 27, 156-174.	1.6	16
4	Sorting Signed Permutations by Intergenic Reversals. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 18, 1-1.	3.0	14
5	A Multirepresentational Fusion of Time Series for Pixelwise Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4399-4409.	4.9	13
6	Genome Rearrangement Distance with Reversals, Transpositions, and Indels. Journal of Computational Biology, 2021, 28, 235-247.	1.6	11
7	Sorting Permutations by Intergenic Operations. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2080-2093.	3.0	10
8	Sorting by Prefix Reversals and Prefix Transpositions. Discrete Applied Mathematics, 2015, 181, 78-89.	0.9	9
9	Extending Bafna-Pevzner algorithm. , 2010, , .		7
10	HEURISTICS FOR THE TRANSPOSITION DISTANCE PROBLEM. Journal of Bioinformatics and Computational Biology, 2013, 11, 1350013.	0.8	7
11	Sorting by Weighted Reversals and Transpositions. Journal of Computational Biology, 2019, 26, 420-431.	1.6	7
12	Super short operations on both gene order and intergenic sizes. Algorithms for Molecular Biology, 2019, 14, 21.	1.2	7
13	Reversal Distance on Genomes with Different Gene Content and Intergenic Regions Information. Lecture Notes in Computer Science, 2021, , 121-133.	1.3	7
14	Incorporating intergenic regions into reversal and transposition distances with indels. Journal of Bioinformatics and Computational Biology, 2021, 19, 2140011.	0.8	7
15	A 3.5-Approximation Algorithm for Sorting by Intergenic Transpositions. Lecture Notes in Computer Science, 2020, , 16-28.	1.3	6
16	Length and Symmetry on the Sorting by Weighted Inversions Problem. Lecture Notes in Computer Science, 2014, , 99-106.	1.3	6
17	Labeled Cycle Graph for Transposition and Indel Distance. Journal of Computational Biology, 2022, 29, 243-256.	1.6	6
18	An improved approximation algorithm for the reversal and transposition distance considering gene order and intergenic sizes. Algorithms for Molecular Biology, 2021, 16, 24.	1.2	6

#	ARTICLE	IF	CITATIONS
19	An improved 1.375-approximation algorithm for the transposition distance problem. , 2010, , .		5
20	A general heuristic for genome rearrangement problems. Journal of Bioinformatics and Computational Biology, 2014, 12, 1450012.	0.8	5
21	Sorting by weighted inversions considering length and symmetry. BMC Bioinformatics, 2015, 16, S3.	2.6	5
22	Greedy Randomized Search Procedure to Sort Genomes using Symmetric, Almost-Symmetric and Unitary Inversions. , 2013, , .		4
23	Heuristics for the Sorting by Length-Weighted Inversions Problem on Signed Permutations. Lecture Notes in Computer Science, 2014, , 59-70.	1.3	4
24	Heuristics for the Sorting by Length-Weighted Inversion Problem. , 2013, , .		3
25	A GRASP-Based Heuristic for the Sorting by Length-Weighted Inversions Problem. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 352-363.	3.0	3
26	Sorting signed circular permutations by super short operations. Algorithms for Molecular Biology, 2018, 13, 13.	1.2	3
27	Super Short Reversals on Both Gene Order and Intergenic Sizes. Lecture Notes in Computer Science, 2018, , 14-25.	1.3	3
28	Sorting by Weighted Reversals and Transpositions. Lecture Notes in Computer Science, 2018, , 38-49.	1.3	3
29	Heuristics for the Reversal and Transposition Distance Problem. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 17, 1-1.	3.0	3
30	A Simulation Tool for the Study of Symmetric Inversions in Bacterial Genomes. Lecture Notes in Computer Science, 2010, , 240-251.	1.3	3
31	Reversal and Transposition Distance of Genomes Considering Flexible Intergenic Regions. Procedia Computer Science, 2021, 195, 21-29.	2.0	3
32	Sorting genomes using almost-symmetric inversions. , 2012, , .		2
33	Heuristics for Genome Rearrangement Distance with Replicated Genes. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1-1.	3.0	2
34	A New Approach forÂtheÂReversal Distance withÂIndels andÂMoves inÂIntergenic Regions. Lecture Notes in Computer Science, 2022, , 205-220.	1.3	2
35	An improved algorithm for the sorting by reversals and transpositions problem. , 2014, , .		1
36	Constraint Programming Models for Transposition Distance Problem. Lecture Notes in Computer Science, 2009, , 13-23.	1.3	1

#	Article	IF	Citations
37	Sorting by Reversals, Transpositions, and Indels on Both Gene Order and Intergenic Sizes. Lecture Notes in Computer Science, 2019, , 28-39.	1.3	1
38	Block-Interchange Distance Considering Intergenic Regions. Lecture Notes in Computer Science, 2020, , 58-69.	1.3	1
39	Heuristics for Reversal Distance Between Genomes with Duplicated Genes. Lecture Notes in Computer Science, 2020, , 29-40.	1.3	1
40	Reversals Distance Considering Flexible Intergenic Regions Sizes. Lecture Notes in Computer Science, 2021, , 134-145.	1.3	0
41	Reversals and transpositions distance with proportion restriction. Journal of Bioinformatics and Computational Biology, 2021, 19, 2150013.	0.8	0
42	Sorting by Reversals and Transpositions with Proportion Restriction. Lecture Notes in Computer Science, 2020, , 117-128.	1.3	0