Nicola Prezza

List of Publications by Year
in descending order

36 papers	**515** citations

933447
10 h-index

839539
18 g-index

40 all docs	**40** docs citations
40 times ranked	**294** citing authors

#	Article	IF	Citations
1	Special Issue of Algorithmica for the 28th London Stringology Days & London Algorithmic Workshop (LSD & LAW). Algorithmica, 2022, 84, 565-565.	1.3	0
2	Linear-time Minimization of Wheeler DFAs. , 2022, , .		2
3	On the Approximation Ratio of Ordered Parsings. IEEE Transactions on Information Theory, 2021, 67, 1008-1026.	2.4	11
4	Optimal Substring Equality Queries with Applications to Sparse Text Indexing. ACM Transactions on Algorithms, 2021, 17, 1-23.	1.0	2
5	Novel Results on the Number of Runs of the Burrows-Wheeler-Transform. Lecture Notes in Computer Science, 2021, , 249-262.	1.3	7
6	Space-efficient construction of compressed suffix trees. Theoretical Computer Science, 2021, 852, 138-156.	0.9	2
7	Subpath Queries on Compressed Graphs: A Survey. Algorithms, 2021, 14, 14.	2.1	2
8	Optimal-Time Dictionary-Compressed Indexes. ACM Transactions on Algorithms, 2021, 17, 1-39.	1.0	24
9	Adaptive learning of compressible strings. Theoretical Computer Science, 2021, 896, 46-52.	0.9	1
10	Wheeler languages. Information and Computation, 2021, 281, 104820.	0.7	11
11	gsufsort: constructing suffix arrays, LCP arrays and BWTs for string collections. Algorithms for Molecular Biology, 2020, 15, 18.	1.2	7
12	Variable-order reference-free variant discovery with the Burrows-Wheeler Transform. BMC Bioinformatics, 2020, 21, 260.	2.6	9
13	Decompressing Lempel-Ziv Compressed Text. , 2020, , .		0
14	Towards a Definitive Measure of Repetitiveness. Lecture Notes in Computer Science, 2020, , 207-219.	1.3	22
15	Regular Languages meet Prefix Sorting. , 2020, , 911-930.		14
16	Fully Functional Suffix Trees and Optimal Text Searching in BWT-Runs Bounded Space. Journal of the ACM, 2020, 67, 1-54.	2.2	74
17	SNPs detection by eBWT positional clustering. Algorithms for Molecular Biology, 2019, 14, 3.	1.2	20
18	On the reproducibility of experiments of indexing repetitive document collections. Information Systems, 2019, 83, 181-194.	3.6	2

#	Article	IF	Citations
19	Universal compressed text indexing. Theoretical Computer Science, 2019, 762, 41-50.	0.9	28
20	Online Algorithms on Antipowers and Antiperiods. Lecture Notes in Computer Science, 2019, , 175-188.	1.3	4
21	Optimal-Time Text Indexing in BWT-runs Bounded Space. , 2018, , 1459-1477.		44
22	LZ77 Computation Based on the Run-Length Encoded BWT. Algorithmica, 2018, 80, 1986-2011.	1.3	27
23	A separation between RLSLPs and LZ77. Journal of Discrete Algorithms, 2018, 50, 36-39.	0.7	6
24	At the roots of dictionary compression: string attractors. , 2018, , .		53
25	On the Approximation Ratio of Lempel-Ziv Parsing. Lecture Notes in Computer Science, 2018, , 490-503.	1.3	10
26	In-Place Sparse Suffix Sorting. , 2018, , 1496-1508.		3
27	Space-Efficient Re-Pair Compression. , 2017, , .		5
28	Flexible Indexing of Repetitive Collections. Lecture Notes in Computer Science, 2017, , 162-174.	1.3	8
29	Transcriptomics and methylomics of CD4-positive T cells in arsenic-exposed women. Archives of Toxicology, 2017, 91, 2067-2078.	4.2	26
30	Succinct Partial Sums and Fenwick Trees. Lecture Notes in Computer Science, 2017, , 91-96.	1.3	7
31	Computing LZ77 in Run-Compressed Space. , 2016, , .		6
32	Fast, accurate, and lightweight analysis of BS-treated reads with ERNE 2. BMC Bioinformatics, 2016, 17, 69.	2.6	9
33	Fast randomized approximate string matching with succinct hash data structures. BMC Bioinformatics, 2015, 16, S4.	2.6	5
34	Composite Repetition-Aware Data Structures. Lecture Notes in Computer Science, 2015, , 26-39.	1.3	35
35	Fast Online Lempel-Ziv Factorization in Compressed Space. Lecture Notes in Computer Science, 2015, , 13-20.	1.3	7
36	ERNE-BS5. , 2012, , .		14