Gabriele Fici

List of Publications by Year
in descending order

55 papers	456 citations	687363 13 h-index	794594 19 g-index
56 all docs	56 docs citations	56 times ranked	142 citing authors

#	Article	IF	Citations
1	ALGORITHMS FOR JUMBLED PATTERN MATCHING IN STRINGS. International Journal of Foundations of Computer Science, 2012, 23, 357-374.	1.1	51
2	On Approximate Jumbled Pattern Matching in Strings. Theory of Computing Systems, 2012, 50, 35-51.	1.1	36
3	Word assembly through minimal forbidden words. Theoretical Computer Science, 2006, 359, 214-230.	0.9	35
4	A subquadratic algorithm for minimum palindromic factorization. Journal of Discrete Algorithms, 2014, 28, 41-48.	0.7	28
5	Binary jumbled string matching for highly run-length compressible texts. Information Processing Letters, 2013, 113, 604-608.	0.6	19
6	On the least number of palindromes contained in an infinite word. Theoretical Computer Science, 2013, 481, 1-8.	0.9	19
7	Anti-powers in infinite words. Journal of Combinatorial Theory - Series A, 2018, 157, 109-119.	0.8	18
8	On Table Arrangements, Scrabble Freaks, and Jumbled Pattern Matching. Lecture Notes in Computer Science, 2010, , 89-101.	1.3	17
9	Alignment-free sequence comparison using absent words. Information and Computation, 2018, 262, 57-68.	0.7	16
10	On prefix normal words and prefix normal forms. Theoretical Computer Science, 2017, 659, 1-13.	0.9	15
11	Cyclic complexity of words. Journal of Combinatorial Theory - Series A, 2017, 145, 36-56.	0.8	15
12	Enumeration and structure of trapezoidal words. Theoretical Computer Science, 2013, 468, 12-22.	0.9	14
13	Abelian powers and repetitions in Sturmian words. Theoretical Computer Science, 2016, 635, 16-34.	0.9	13
14	A characterization of regular circular languages generated by marked splicing systems. Theoretical Computer Science, 2009, 410, 4937-4960.	0.9	10
15	Linear-Time Sequence Comparison Using Minimal Absent Words & Applications. Lecture Notes in Computer Science, 2016, , 334-346.	1.3	10
16	Algorithms for computing Abelian periods of words. Discrete Applied Mathematics, 2014, 163, 287-297.	0.9	9
17	Algorithms for anti-powers in strings. Information Processing Letters, 2018, 137, 57-60.	0.6	9
18	On the regularity of circular splicing languages: a survey and new developments. Natural Computing, 2010, 9, 397-420.	3.0	8

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19	On Prefix Normal Words. Lecture Notes in Computer Science, 2011, , 228-238.	1.3	8
20	A Classification of Trapezoidal Words. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 63, 129-137.	0.8	8
21	Presentations of Constrained Systems With Unconstrained Positions. IEEE Transactions on Information Theory, 2005, 51, 1891-1900.	2.4	7
22	Special factors and the combinatorics of suffix and factor automata. Theoretical Computer Science, 2011, 412, 3604-3615.	0.9	7
23	On the structure of bispecial Sturmian words. Journal of Computer and System Sciences, 2014, 80, 711-719.	1.2	7
24	On the Number of Closed Factors in a Word. Lecture Notes in Computer Science, 2015, , 381-390.	1.3	7
25	Abelian antipowers in infinite words. Advances in Applied Mathematics, 2019, 108, 67-78.	0.7	6
26	The sequence of open and closed prefixes of a Sturmian word. Advances in Applied Mathematics, 2017, 90, 27-45.	0.7	5
27	Abelian-square-rich words. Theoretical Computer Science, 2017, 684, 29-42.	0.9	5
28	On Combinatorial Generation of Prefix Normal Words. Lecture Notes in Computer Science, 2014, , 60-69.	1.3	5
29	Minimal forbidden factors of circular words. Theoretical Computer Science, 2019, 792, 144-153.	0.9	4
30	Reverse-Safe Data Structures for Text Indexing. , 2020, , 199-213.		4
31	Minimal Absent Words in Rooted and Unrooted Trees. Lecture Notes in Computer Science, 2019, , 152-161.	1.3	4
32	A note on easy and efficient computation of full abelian periods of a word. Discrete Applied Mathematics, 2016, 212, 88-95.	0.9	3
33	On the greedy algorithm for the Shortest Common Superstring problem with reversals. Information Processing Letters, 2016, 116, 245-251.	0.6	3
34	Generating a Gray code for prefix normal words in amortized polylogarithmic time per word. Theoretical Computer Science, 2020, 842, 86-99.	0.9	3
35	Normal, Abby Normal, Prefix Normal. Lecture Notes in Computer Science, 2014, , 74-88.	1.3	3
36	Marked Systems and Circular Splicing. Lecture Notes in Computer Science, 2007, , 238-249.	1.3	3

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37	Open and Closed Prefixes of Sturmian Words. Lecture Notes in Computer Science, 2013, , 132-142.	1.3	3
38	Constructing Antidictionaries in Output-Sensitive Space. , 2019, , .		2
39	Topological properties of cellular automata on trees. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 90, 255-266.	0.8	2
40	Abelian Repetitions in Sturmian Words. Lecture Notes in Computer Science, 2013, , 227-238.	1.3	2
41	Bacteria classification using minimal absent words. AIMS Medical Science, 2018, 5, 23-32.	0.4	2
42	Constructing Antidictionaries of Long Texts in Output-Sensitive Space. Theory of Computing Systems, 2021, 65, 777-797.	1.1	2
43	Automata and differentiable words. Theoretical Computer Science, 2012, 443, 46-62.	0.9	1
44	Vertical representation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi mathvariant="bold">C</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž</mml:mo></mml:mrow></mml:msup></mml:math>-words. Theoretical Computer Science, 2015, 565, 90-101.	0.9	1
45	Fast computation of abelian runs. Theoretical Computer Science, 2016, 656, 256-264.	0.9	1
46	Primitive sets of words. Theoretical Computer Science, 2021, 866, 25-36.	0.9	1
47	Universal Lyndon Words. Lecture Notes in Computer Science, 2014, , 135-146.	1.3	1
48	Adaptive learning of compressible strings. Theoretical Computer Science, 2021, 896, 46-52.	0.9	1
49	A Characterization of Bispecial Sturmian Words. Lecture Notes in Computer Science, 2012, , 383-394.	1.3	1
50	Properties of a class of Toeplitz words. Theoretical Computer Science, 2022, 922, 1-12.	0.9	1
51	Combinatorics of Finite Words and Suffix Automata. Lecture Notes in Computer Science, 2009, , 250-259.	1.3	0
52	Reverse-Safe Text Indexing. Journal of Experimental Algorithmics, 2021, 26, 1-26.	1.0	0
53	Cyclic Complexity of Words. Lecture Notes in Computer Science, 2014, , 159-170.	1.3	0
54	Words with the Maximum Number of Abelian Squares. Lecture Notes in Computer Science, 2015, , 122-134.	1.3	0

#	Article	IF	Citations
55	Minimal Forbidden Factors of Circular Words. Lecture Notes in Computer Science, 2017, , 36-48.	1.3	0