

Florin Manea

List of Publications by Year in descending order

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44
papers

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44
all docs

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docs citations

44
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	On the size complexity of universal accepting hybrid networks of evolutionary processors. <i>Mathematical Structures in Computer Science</i> , 2007, 17, 753-771.	0.6	32
2	A New Characterization of NP, P, and PSPACE with Accepting Hybrid Networks of Evolutionary Processors. <i>Theory of Computing Systems</i> , 2010, 46, 174-192.	1.1	29
3	On some algorithmic problems regarding the hairpin completion. <i>Discrete Applied Mathematics</i> , 2009, 157, 2143-2152.	0.9	27
4	All NP-problems can be solved in polynomial time by accepting hybrid networks of evolutionary processors of constant size. <i>Information Processing Letters</i> , 2007, 103, 112-118.	0.6	22
5	Small universal accepting hybrid networks of evolutionary processors. <i>Acta Informatica</i> , 2010, 47, 133-146.	0.5	17
6	The Satisfiability of Word Equations: Decidable and Undecidable Theories. <i>Lecture Notes in Computer Science</i> , 2018, , 15-29.	1.3	17
7	Tighter Bounds and Optimal Algorithms for All Maximal $\hat{\pm}$ -gapped Repeats and Palindromes. <i>Theory of Computing Systems</i> , 2018, 62, 162-191.	1.1	14
8	Scattered Factor-Universality of Words. <i>Lecture Notes in Computer Science</i> , 2020, , 14-28.	1.3	14
9	Absent Subsequences in Words. <i>Lecture Notes in Computer Science</i> , 2021, , 115-131.	1.3	13
10	Bounded hairpin completion. <i>Information and Computation</i> , 2011, 209, 471-485.	0.7	11
11	SOME REMARKS ON THE HAIRPIN COMPLETION. <i>International Journal of Foundations of Computer Science</i> , 2010, 21, 859-872.	1.1	10
12	Prefix-suffix duplication. <i>Journal of Computer and System Sciences</i> , 2014, 80, 1254-1265.	1.2	10
13	Complexity-preserving simulations among three variants of accepting networks of evolutionary processors. <i>Natural Computing</i> , 2011, 10, 429-445.	3.0	9
14	The Power of String Solving. , 2020, , .		9
15	ON THE DESCRIPTIONAL COMPLEXITY OF ACCEPTING NETWORKS OF EVOLUTIONARY PROCESSORS WITH FILTERED CONNECTIONS. <i>International Journal of Foundations of Computer Science</i> , 2008, 19, 1113-1132.	1.1	7
16	k-Abelian pattern matching. <i>Journal of Discrete Algorithms</i> , 2015, 34, 37-48.	0.7	6
17	Rollercoasters: Long Sequences without Short Runs. <i>SIAM Journal on Discrete Mathematics</i> , 2019, 33, 845-861.	0.8	6
18	Solving a combinatorial problem with network flows. <i>Journal of Applied Mathematics and Computing</i> , 2005, 17, 391-399.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Networks of evolutionary processors: the power of subregular filters. Acta Informatica, 2013, 50, 41-75.	0.5	5
20	Accepting Networks of Evolutionary Processors with Subregular Filters. Theory of Computing Systems, 2014, 55, 84-109.	1.1	5
21	Hairpin lengthening: language theoretic and algorithmic results. Journal of Logic and Computation, 2015, 25, 987-1009.	0.8	5
22	The extended equation of Lyndon and Schützenberger. Journal of Computer and System Sciences, 2017, 85, 132-167.	1.2	5
23	Revisiting Shinohara's algorithm for computing descriptive patterns. Theoretical Computer Science, 2018, 733, 44-54.	0.9	5
24	Pattern Matching with Variables. ACM Transactions on Computation Theory, 2020, 12, 1-37.	0.7	5
25	ZaligVinder: A generic test framework for string solvers. Journal of Software: Evolution and Process, 2023, 35, .	1.6	5
26	The pseudopalindromic completion of regular languages. Information and Computation, 2014, 239, 222-236.	0.7	4
27	Bounded Prefix-Suffix Duplication: Language Theoretic and Algorithmic Results. International Journal of Foundations of Computer Science, 2015, 26, 933-952.	1.1	4
28	On the Power of Accepting Networks of Evolutionary Processors with Special Topologies and Random Context Filters. Fundamenta Informaticae, 2015, 136, 1-35.	0.4	4
29	Hide and seek with repetitions. Journal of Computer and System Sciences, 2019, 101, 42-67.	1.2	4
30	Rule-based Word Equation Solving. , 2020, , .		4
31	Cubic patterns with permutations. Journal of Computer and System Sciences, 2015, 81, 1298-1310.	1.2	3
32	On the Complexity of Solving Restricted Word Equations. International Journal of Foundations of Computer Science, 2018, 29, 893-909.	1.1	3
33	Reconstructing Words from Right-Bounded-Block Words. International Journal of Foundations of Computer Science, 2021, 32, 619-640.	1.1	3
34	On the Solvability Problem for Restricted Classes of Word Equations. Lecture Notes in Computer Science, 2016, , 306-318.	1.3	3
35	Detecting One-Variable Patterns. Lecture Notes in Computer Science, 2017, , 254-270.	1.3	3
36	Fast and Longest Rollercoasters. Algorithmica, 2022, 84, 1081-1106.	1.3	3

#	ARTICLE	IF	CITATIONS
37	A Universal Accepting Hybrid Network of Evolutionary Processors. <i>Electronic Notes in Theoretical Computer Science</i> , 2006, 135, 95-105.	0.9	2
38	On Matching Generalised Repetitive Patterns. <i>Lecture Notes in Computer Science</i> , 2018, , 269-281.	1.3	2
39	Matching Patterns with Variables. <i>Lecture Notes in Computer Science</i> , 2019, , 1-27.	1.3	2
40	On the structure of solution-sets to regular word equations. <i>Theory of Computing Systems</i> , 0, , 1.	1.1	1
41	On the recognition of context-free languages using accepting hybrid networks of evolutionary processors. <i>International Journal of Computer Mathematics</i> , 2007, 84, 273-285.	1.8	0
42	Equations enforcing repetitions under permutations. <i>Discrete Applied Mathematics</i> , 2020, 285, 61-78.	0.9	0
43	Preface "Special Issue: A Collection of Papers in Honour of the 60th Birthday of Victor Mitrana." <i>International Journal of Foundations of Computer Science</i> , 2020, 31, 1-6.	1.1	0
44	On Turing Machines Deciding According to the Shortest Computations. <i>Axioms</i> , 2021, 10, 304.	1.9	0