

Rogã©rio Reis

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Location automata for regular expressions with shuffle and intersection. Information and Computation, 2022, , 104917.	0.7	2
2	Location Based Automata for Expressions with Shuffle. Lecture Notes in Computer Science, 2021, , 43-54.	1.3	1
3	Hot Current Topics of Descriptive Complexity. IFIP Advances in Information and Communication Technology, 2021, , 3-28.	0.7	0
4	Partial derivatives of regular expressions over alphabet-invariant and user-defined labels. Theoretical Computer Science, 2021, 870, 103-120.	0.9	1
5	On the size of partial derivatives and the word membership problem. Acta Informatica, 2021, 58, 357-375.	0.5	2
6	Partial Derivative Automaton by Compressing Regular Expressions. Lecture Notes in Computer Science, 2021, , 100-112.	1.3	1
7	The computational power of parsing expression grammars. Journal of Computer and System Sciences, 2020, 111, 1-21.	1.2	5
8	On the Average State Complexity of Partial Derivative Transducers. Lecture Notes in Computer Science, 2020, , 174-186.	1.3	3
9	Guest Column. ACM SIGACT News, 2020, 51, 38-56.	0.1	6
10	A mesh of automata. Information and Computation, 2019, 265, 94-111.	0.7	8
11	On Average Behaviour of Regular Expressions in Strong Star Normal Form. International Journal of Foundations of Computer Science, 2019, 30, 899-920.	1.1	10
12	Partial Derivatives of Regular Expressions over Alphabet-Invariant and User-Defined Labels. Lecture Notes in Computer Science, 2019, , 184-196.	1.3	1
13	Automata for regular expressions with shuffle. Information and Computation, 2018, 259, 162-173.	0.7	14
14	Randomized generation of error control codes with automata and transducers. RAIRO - Theoretical Informatics and Applications, 2018, 52, 169-184.	0.5	2
15	Forward Injective Finite Automata: Exact and Random Generation of Nonisomorphic NFAs. Lecture Notes in Computer Science, 2018, , 88-100.	1.3	2
16	Regular Expressions and Transducers over Alphabet-Invariant and User-Defined Labels. Lecture Notes in Computer Science, 2018, , 4-27.	1.3	3
17	Optimal state reductions of automata with partially specified behaviors. Theoretical Computer Science, 2017, 658, 235-245.	0.9	3
18	On the Average Complexity of Strong Star Normal Form. Lecture Notes in Computer Science, 2017, , 77-88.	1.3	2

#	ARTICLE	IF	CITATIONS
19	On the Mother of All Automata: The Position Automaton. Lecture Notes in Computer Science, 2017, , 134-146.	1.3	1
20	Distinguishability Operations and Closures. Fundamenta Informaticae, 2016, 148, 243-266.	0.4	3
21	Ideal regular languages and strongly connected synchronizing automata. Theoretical Computer Science, 2016, 653, 97-107.	0.9	5
22	Implementation of Code Properties via Transducers. Lecture Notes in Computer Science, 2016, , 189-201.	1.3	2
23	On the State Complexity of Partial Derivative Automata For Regular Expressions with Intersection. Lecture Notes in Computer Science, 2016, , 45-59.	1.3	3
24	Preface: Non-Classical Models of Automata and Applications VII. RAIRO - Theoretical Informatics and Applications, 2016, 50, 273-274.	0.5	0
25	On the Number of Linear Finite Transducers. International Journal of Foundations of Computer Science, 2015, 26, 873-893.	1.1	2
26	Prefix and Right-Partial Derivative Automata. Lecture Notes in Computer Science, 2015, , 258-267.	1.3	2
27	Incomplete operational transition complexity of regular languages. Information and Computation, 2015, 244, 1-22.	0.7	7
28	Partial Derivative Automaton for Regular Expressions with Shuffle. Lecture Notes in Computer Science, 2015, , 21-32.	1.3	3
29	Optimal State Reductions of Automata with Partially Specified Behaviors. Lecture Notes in Computer Science, 2015, , 339-351.	1.3	1
30	Universal Disjunctive Concatenation and Star. Lecture Notes in Computer Science, 2015, , 197-208.	1.3	0
31	A Hitchhiker's Guide to descriptonal complexity through analytic combinatorics. Theoretical Computer Science, 2014, 528, 85-100.	0.9	14
32	On the invertibility of finite linear transducers. RAIRO - Theoretical Informatics and Applications, 2014, 48, 107-125.	0.5	2
33	Incremental DFA minimisation. RAIRO - Theoretical Informatics and Applications, 2014, 48, 173-186.	0.5	3
34	Partial Derivative and Position Bisimilarity Automata. Lecture Notes in Computer Science, 2014, , 264-277.	1.3	2
35	Symmetric Groups and Quotient Complexity of Boolean Operations. Lecture Notes in Computer Science, 2014, , 1-12.	1.3	9
36	Counting Equivalent Linear Finite Transducers Using a Canonical Form. Lecture Notes in Computer Science, 2014, , 70-83.	1.3	1

#	ARTICLE	IF	CITATIONS
37	On the Average Size of Glushkov and Equation Automata for KAT Expressions. Lecture Notes in Computer Science, 2013, , 72-83.	1.3	8
38	Incomplete Transition Complexity of Basic Operations on Finite Languages. Lecture Notes in Computer Science, 2013, , 349-356.	1.3	1
39	ON THE AVERAGE SIZE OF GLUSHKOV AND PARTIAL DERIVATIVE AUTOMATA. International Journal of Foundations of Computer Science, 2012, 23, 969-984.	1.1	24
40	ON THE AVERAGE STATE COMPLEXITY OF PARTIAL DERIVATIVE AUTOMATA: AN ANALYTIC COMBINATORICS APPROACH. International Journal of Foundations of Computer Science, 2011, 22, 1593-1606.	1.1	22
41	The Average Transition Complexity of Glushkov and Partial Derivative Automata. Lecture Notes in Computer Science, 2011, , 93-104.	1.3	4
42	On the Average Number of States of Partial Derivative Automata. Lecture Notes in Computer Science, 2010, , 112-123.	1.3	2
43	ANTIMIROV AND MOSSES'S REWRITE SYSTEM REVISITED. International Journal of Foundations of Computer Science, 2009, 20, 669-684.	1.1	12
44	Series-Parallel Automata and Short Regular Expressions. Fundamenta Informaticae, 2009, 91, 611-629.	0.4	8
45	Locating cars through a vision enabled VANET. , 2009, , .		3
46	FAdo and GUITar: Tools for Automata Manipulation and Visualization. Lecture Notes in Computer Science, 2009, , 65-74.	1.3	16
47	EXACT GENERATION OF MINIMAL ACYCLIC DETERMINISTIC FINITE AUTOMATA. International Journal of Foundations of Computer Science, 2008, 19, 751-765.	1.1	8
48	Antimirov and Mosses's Rewrite System Revisited. Lecture Notes in Computer Science, 2008, , 46-56.	1.3	1
49	Automated Ciphertext-Only Cryptanalysis of the Bifid Cipher. Cryptologia, 2007, 31, 112-124.	0.5	1
50	Enumeration and generation with a string automata representation. Theoretical Computer Science, 2007, 387, 93-102.	0.9	35
51	Interactive manipulation of regular objects with FAdo. , 2005, , .		2
52	Apoo. SIGCSE Bulletin, 2001, 33, 43-47.	0.1	1
53	Testing the Equivalence of Regular Languages. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 47-57.	0.8	3
54	State Elimination Ordering Strategies: Some Experimental Results. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 31, 139-148.	0.8	2