Janusz A Brzozowski

List of Publications by Year
in descending order

42	1,094	759233 12	414414 32
papers	citations	h-index	g-index

43	43	43	283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complexity of proper prefix-convex regular languages. Theoretical Computer Science, 2019, 787, 2-13.	0.9	2
2	Most Complex Non-Returning Regular Languages. International Journal of Foundations of Computer Science, 2019, 30, 921-957.	1.1	1
3	Syntactic complexity of suffix-free languages. Information and Computation, 2018, 259, 174-190.	0.7	0
4	Syntactic Complexity of Regular Ideals. Theory of Computing Systems, 2018, 62, 1175-1202.	1.1	6
5	Most Complex Deterministic Union-Free Regular Languages. Lecture Notes in Computer Science, 2018, , 37-48.	1.3	3
6	Complexity of suffix-free regular languages. Journal of Computer and System Sciences, 2017, 89, 270-287.	1.2	4
7	Complexity of Left-Ideal, Suffix-Closed and Suffix-Free Regular Languages. Lecture Notes in Computer Science, 2017, , 171-182.	1.3	5
8	Complexity of Right-Ideal, Prefix-Closed, and Prefix-Free Regular Languages. Acta Cybernetica, 2017, 23, 9-41.	0.6	7
9	Complexity of Proper Prefix-Convex Regular Languages. Lecture Notes in Computer Science, 2017, , 52-63.	1.3	2
10	Most Complex Non-returning Regular Languages. Lecture Notes in Computer Science, 2017, , 89-101.	1.3	1
11	Unrestricted State Complexity of Binary Operations on Regular Languages. Lecture Notes in Computer Science, 2016, , 60-72.	1.3	7
12	Upper Bound on Syntactic Complexity of Suffix-Free Languages. Lecture Notes in Computer Science, 2015, , 33-45.	1.3	8
13	Complexity of Suffix-Free Regular Languages. Lecture Notes in Computer Science, 2015, , 146-159.	1.3	5
14	Quotient Complexities of Atoms in Regular Ideal Languages. Acta Cybernetica, 2015, 22, 293-311.	0.6	9
15	SYNTACTIC COMPLEXITY OF â„›- AND ?-TRIVIAL REGULAR LANGUAGES. International Journal of Foundations of Computer Science, 2014, 25, 807-821.	1.1	7
16	Quotient Complexity of Closed Languages. Theory of Computing Systems, 2014, 54, 277-292.	1.1	29
17	Theory of Ãtomata. Theoretical Computer Science, 2014, 539, 13-27.	0.9	36
18	Upper Bounds on Syntactic Complexity of Left and Two-Sided Ideals. Lecture Notes in Computer Science, 2014, , 13-24.	1.3	4

#	Article	IF	Citations
19	Symmetric Groups and Quotient Complexity of Boolean Operations. Lecture Notes in Computer Science, 2014, , 1-12.	1.3	9
20	Quotient Complexity of Bifix-, Factor-, and Subword-free Regular Language. Acta Cybernetica, 2014, 21, 507-527.	0.6	12
21	Most Complex Regular Right-Ideal Languages. Lecture Notes in Computer Science, 2014, , 90-101.	1.3	3
22	Quotient complexity of ideal languages. Theoretical Computer Science, 2013, 470, 36-52.	0.9	29
23	IN SEARCH OF MOST COMPLEX REGULAR LANGUAGES. International Journal of Foundations of Computer Science, 2013, 24, 691-708.	1.1	40
24	COMPLEXITY OF ATOMS OF REGULAR LANGUAGES. International Journal of Foundations of Computer Science, 2013, 24, 1009-1027.	1.1	16
25	Syntactic Complexity of ${mathcal R}$ - and ${mathcal J}$ -Trivial Regular Languages. Lecture Notes in Computer Science, 2013, , 160-171.	1.3	4
26	ON THE COMPLEXITY OF THE EVALUATION OF TRANSIENT EXTENSIONS OF BOOLEAN FUNCTIONS. International Journal of Foundations of Computer Science, 2012, 23, 21-35.	1.1	1
27	QUOTIENT COMPLEXITY OF STAR-FREE LANGUAGES. International Journal of Foundations of Computer Science, 2012, 23, 1261-1276.	1.1	16
28	Syntactic complexity of prefix-, suffix-, bifix-, and factor-free regular languages. Theoretical Computer Science, 2012, 449, 37-53.	0.9	19
29	Syntactic Complexities of Some Classes of Star-Free Languages. Lecture Notes in Computer Science, 2012, , 117-129.	1.3	1
30	In Search of Most Complex Regular Languages. Lecture Notes in Computer Science, 2012, , 5-24.	1.3	4
31	Decision problems for convex languages. Information and Computation, 2011, 209, 353-367.	0.7	12
32	Syntactic Complexity of Ideal and Closed Languages. Lecture Notes in Computer Science, 2011, , 117-128.	1.3	26
33	CLOSURES IN FORMAL LANGUAGES AND KURATOWSKI'S THEOREM. International Journal of Foundations of Computer Science, 2011, 22, 301-321.	1.1	18
34	Complexity in Convex Languages. Lecture Notes in Computer Science, 2010, , 1-15.	1.3	5
35	Quotient Complexity of Closed Languages. Lecture Notes in Computer Science, 2010, , 84-95.	1.3	5
36	Predictable semiautomata. Theoretical Computer Science, 2009, 410, 3236-3249.	0.9	4

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37	REPRESENTATION OF SEMIAUTOMATA BY CANONICAL WORDS AND EQUIVALENCES. International Journal of Foundations of Computer Science, 2005, 16, 831-850.	1.1	10
38	SIMULATION OF FEEDBACK-FREE CIRCUITS IN THE ALGEBRA OF TRANSIENTS. International Journal of Foundations of Computer Science, 2003, 14, 1033-1054.	1.1	6
39	A Characterization of Ternary Simulation of Gate Networks. IEEE Transactions on Computers, 1987, C-36, 1318-1327.	3.4	17
40	Definite Asynchronous Sequential Circuits. IEEE Transactions on Computers, 1968, C-17, 18-26.	3.4	10
41	Derivatives of Regular Expressions. Journal of the ACM, 1964, 11, 481-494.	2.2	688
42	Maximally Atomic Languages. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 151, 151-161.	0.8	1