Martin Kutrib

List of Publications by Year
in descending order

199 papers	1,597 citations	471061 17 h-index	454577 30 g-index
222 all docs	222 docs citations	222 times ranked	220 citing authors

#	Article	IF	Citations
1	Iterative arrays with self-verifying communication cell. Natural Computing, 2022, 21, 39-51.	1.8	0
2	Descriptional complexity of iterated uniform finite-state transducers. Information and Computation, 2022, 284, 104691.	0.5	4
3	Finite automata with undirected state graphs. Acta Informatica, 2022, 59, 163-181.	0.5	0
4	On theÂPower ofÂPushing orÂStationary Moves forÂInput-Driven Pushdown Automata. Lecture Notes in Computer Science, 2022, , 140-151.	1.0	1
5	Optimizing Reversible Programs. Lecture Notes in Computer Science, 2022, , 224-238.	1.0	3
6	Compiling Janus to RSSA. Lecture Notes in Computer Science, 2021, , 64-78.	1.0	4
7	Reversible Top-Down Syntax Analysis. Lecture Notes in Computer Science, 2021, , 255-266.	1.0	1
8	Digging input-driven pushdown automata. RAIRO - Theoretical Informatics and Applications, 2021, 55, 6.	0.5	2
9	One-Dimensional Pattern Generation by Cellular Automata. Lecture Notes in Computer Science, 2021, , 46-55.	1.0	3
10	Hot Current Topics of Descriptional Complexity. IFIP Advances in Information and Communication Technology, 2021, , 3-28.	0.5	0
11	Input-driven multi-counter automata. Theoretical Computer Science, 2021, 870, 121-136.	0.5	0
12	String Generation by Cellular Automata. Complex Systems, 2021, 30, 111-132.	0.9	2
13	Iterated Uniform Finite-State Transducers on Unary Languages. Lecture Notes in Computer Science, 2021, , 218-232.	1.0	0
14	String Assembling Systems: Comparison to Sticker Systems and Decidability. Lecture Notes in Computer Science, 2021, , 101-115.	1.0	0
15	Reversible pushdown transducers. Information and Computation, 2021, , 104813.	0.5	0
16	State Complexity of Partial Word Finite Automata. Lecture Notes in Computer Science, 2021, , 113-124.	1.0	2
17	Iterative arrays with finite inter-cell communication. Natural Computing, 2020, , 1.	1.8	0
18	Kernels of Sub-classes of Context-Free Languages. Lecture Notes in Computer Science, 2020, , 136-147.	1.0	1

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19	Foundations of Reversible Computation. Lecture Notes in Computer Science, 2020, , 1-40.	1.0	12
20	Deterministic and Nondeterministic Iterated Uniform Finite-State Transducers: Computational and Descriptional Power. Lecture Notes in Computer Science, 2020, , 87-99.	1.0	7
21	Iterated Uniform Finite-State Transducers: Descriptional Complexity of Nondeterminism and Two-Way Motion. Lecture Notes in Computer Science, 2020, , 117-129.	1.0	3
22	Boosting Reversible Pushdown and Queue Machines by Preprocessing. International Journal of Foundations of Computer Science, 2020, 31, 1021-1049.	0.8	0
23	Transducing reversibly with finite state machines. Theoretical Computer Science, 2019, 787, 111-126.	0.5	2
24	One-Time Nondeterministic Computations. International Journal of Foundations of Computer Science, 2019, 30, 1069-1089.	0.8	2
25	Multi-stranded String Assembling Systems. Lecture Notes in Computer Science, 2019, , 285-297.	1.0	1
26	Operational State Complexity and Decidability of Jumping Finite Automata. International Journal of Foundations of Computer Science, 2019, 30, 5-27.	0.8	3
27	Iterative Arrays with Self-verifying Communication Cell. Lecture Notes in Computer Science, 2019, , 77-90.	1.0	1
28	Descriptional Complexity of Iterated Uniform Finite-State Transducers. Lecture Notes in Computer Science, 2019, , 223-234.	1.0	6
29	Non-Recursive Trade-Offs Are "Almost Everywhere". Lecture Notes in Computer Science, 2019, , 25-36.	1.0	0
30	Input-Driven Multi-counter Automata. Lecture Notes in Computer Science, 2019, , 197-208.	1.0	0
31	Minimal Reversible Deterministic Finite Automata. International Journal of Foundations of Computer Science, 2018, 29, 251-270.	0.8	15
32	Descriptional complexity of limited automata. Information and Computation, 2018, 259, 259-276.	0.5	9
33	Revisiting the cutting of the firing squad synchronization. Natural Computing, 2018, 17, 455-465.	1.8	0
34	Diving into the queue. RAIRO - Theoretical Informatics and Applications, 2018, 52, 89-110.	0.5	0
35	Expressive capacity of subregular expressions. RAIRO - Theoretical Informatics and Applications, 2018, 52, 201-218.	0.5	3
36	Queue Automata: Foundations andÂDevelopments. Emergence, Complexity and Computation, 2018, , 385-431.	0.2	7

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37	Cellular Automata: Descriptional Complexity and Decidability. Emergence, Complexity and Computation, 2018, , 129-168.	0.2	2
38	Finite Automata with Undirected StateÂGraphs. Lecture Notes in Computer Science, 2018, , 212-223.	1.0	1
39	Parametrizing String Assembling Systems. Lecture Notes in Computer Science, 2018, , 236-247.	1.0	3
40	Boosting Pushdown and Queue Machines by Preprocessing. Lecture Notes in Computer Science, 2018, , 28-40.	1.0	0
41	Self-verifying Cellular Automata. Lecture Notes in Computer Science, 2018, , 340-351.	1.0	1
42	Reversible Pushdown Transducers. Lecture Notes in Computer Science, 2018, , 354-365.	1.0	1
43	The chop of languages. Theoretical Computer Science, 2017, 682, 122-137.	0.5	7
44	One-way reversible multi-head finite automata. Theoretical Computer Science, 2017, 682, 149-164.	0.5	9
45	Reversible Limited Automata. Fundamenta Informaticae, 2017, 155, 31-58.	0.3	4
46	Tinput-Driven Pushdown, Counter, and Stack Automata. Fundamenta Informaticae, 2017, 155, 59-88.	0.3	11
47	Shrinking one-way cellular automata. Natural Computing, 2017, 16, 383-396.	1.8	1
48	Concatenation-free languages. Theoretical Computer Science, 2017, 679, 83-94.	0.5	3
49	The Degree of Irreversibility in Deterministic Finite Automata. International Journal of Foundations of Computer Science, 2017, 28, 503-522.	0.8	4
50	Deterministic Stack Transducers. International Journal of Foundations of Computer Science, 2017, 28, 583-601.	0.8	10
51	Reversible Nondeterministic Finite Automata. Lecture Notes in Computer Science, 2017, , 35-51.	1.0	10
52	Operational State Complexity and Decidability of Jumping Finite Automata. Lecture Notes in Computer Science, 2017, , 96-108.	1.0	8
53	Fast One-Way Cellular Automata withÂReversible Mealy Cells. Lecture Notes in Computer Science, 2017, , 139-150.	1.0	0
54	Transducing Reversibly with Finite State Machines. Lecture Notes in Computer Science, 2017, , 151-162.	1.0	1

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55	One-Time Nondeterministic Computations. Lecture Notes in Computer Science, 2017, , 177-188.	1.0	0
56	Reversible Queue Automata. Fundamenta Informaticae, 2016, 148, 341-368.	0.3	9
57	Set Automata. International Journal of Foundations of Computer Science, 2016, 27, 187-214.	0.8	12
58	Input-Driven Queue Automata with Internal Transductions. Lecture Notes in Computer Science, 2016, , 156-167.	1.0	3
59	Cutting the Firing Squad Synchronization. Lecture Notes in Computer Science, 2016, , 123-133.	1.0	3
60	When input-driven pushdown automata meet reversiblity. RAIRO - Theoretical Informatics and Applications, 2016, 50, 313-330.	0.5	3
61	Descriptional Complexity of Bounded Regular Languages. Lecture Notes in Computer Science, 2016, , 138-152.	1.0	1
62	Deterministic Stack Transducers. Lecture Notes in Computer Science, 2016, , 27-38.	1.0	3
63	The Degree of Irreversibility in Deterministic Finite Automata. Lecture Notes in Computer Science, 2016, , 15-26.	1.0	1
64	Boosting Reversible Pushdown Machines by Preprocessing. Lecture Notes in Computer Science, 2016, , 89-104.	1.0	4
65	Returning Parallel Communicating Finite Automata with Communication Bounds: Hierarchies, Decidabilities, and Undecidabilities. International Journal of Foundations of Computer Science, 2015, 26, 1101-1126.	0.8	2
66	Real-Time Reversible One-Way Cellular Automata. Lecture Notes in Computer Science, 2015, , 56-69.	1.0	7
67	Deterministic One-Way Turing Machines with Sublinear Space. Fundamenta Informaticae, 2015, 136, 139-155.	0.3	0
68	Deterministic input-driven queue automata: Finite turns, decidability, and closure properties. Theoretical Computer Science, 2015, 578, 58-71.	0.5	23
69	Complexity of One-Way Cellular Automata. Lecture Notes in Computer Science, 2015, , 3-18.	1.0	4
70	On Simulation Cost of Unary Limited Automata. Lecture Notes in Computer Science, 2015, , 153-164.	1.0	8
71	Tinput-Driven Pushdown Automata. Lecture Notes in Computer Science, 2015, , 94-112.	1.0	4
72	Shrinking One-Way Cellular Automata. Lecture Notes in Computer Science, 2015, , 141-154.	1.0	3

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73	Reversible and Irreversible Computations of Deterministic Finite-State Devices. Lecture Notes in Computer Science, 2015, , 38-52.	1.0	12
74	Reversible Limited Automata. Lecture Notes in Computer Science, 2015, , 113-128.	1.0	5
75	A Hierarchy of Fast Reversible Turing Machines. Lecture Notes in Computer Science, 2015, , 29-44.	1.0	6
76	Head and state hierarchies for unary multi-head finite automata. Acta Informatica, 2014, 51, 553-569.	0.5	2
77	SIMULATIONS OF UNARY ONE-WAY MULTI-HEAD FINITE AUTOMATA. International Journal of Foundations of Computer Science, 2014, 25, 877-896.	0.8	3
78	STATELESS ONE-WAY MULTI-HEAD FINITE AUTOMATA WITH PEBBLES. International Journal of Foundations of Computer Science, 2014, 25, 1141-1159.	0.8	2
79	Oblivious two-way finite automata: Decidability and complexity. Information and Computation, 2014, 237, 294-302.	0.5	1
80	Bidirectional string assembling systems. RAIRO - Theoretical Informatics and Applications, 2014, 48, 39-59.	0.5	3
81	Parameterized Prefix Distance between Regular Languages. Lecture Notes in Computer Science, 2014, , 419-430.	1.0	9
82	Degrees of Reversibility for DFA and DPDA. Lecture Notes in Computer Science, 2014, , 40-53.	1.0	10
83	Aspects of Reversibility for Classical Automata. Lecture Notes in Computer Science, 2014, , 83-98.	1.0	19
84	Deterministic Set Automata. Lecture Notes in Computer Science, 2014, , 303-314.	1.0	5
85	Iterative Arrays with Set Storage. Lecture Notes in Computer Science, 2014, , 25-34.	1.0	0
86	Ï‰-rational Languages: High Complexity Classes vs. Borel Hierarchy. Lecture Notes in Computer Science, 2014, , 372-383.	1.0	0
87	Complexity of Operation Problems. Lecture Notes in Computer Science, 2014, , 255-264.	1.0	0
88	One-Dimensional Cellular Automaton Transducers. Fundamenta Informaticae, 2013, 126, 201-224.	0.3	8
89	ON THE DESCRIPTIONAL COMPLEXITY OF THE WINDOW SIZE FOR DELETING RESTARTING AUTOMATA. International Journal of Foundations of Computer Science, 2013, 24, 831-846.	0.8	3
90	One-Way Reversible Multi-head Finite Automata. Lecture Notes in Computer Science, 2013, , 14-28.	1.0	15

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91	Time-Symmetric Machines. Lecture Notes in Computer Science, 2013, , 168-181.	1.0	4
92	Size of Unary One-Way Multi-head Finite Automata. Lecture Notes in Computer Science, 2013, , 148-159.	1.0	3
93	One-Way Multi-Head Finite Automata with Pebbles But No States. Lecture Notes in Computer Science, 2013, , 313-324.	1.0	0
94	Input-Driven Queue Automata: Finite Turns, Decidability, and Closure Properties. Lecture Notes in Computer Science, 2013, , 232-243.	1.0	1
95	ON THE COMPUTATIONAL CAPACITY OF PARALLEL COMMUNICATING FINITE AUTOMATA. International Journal of Foundations of Computer Science, 2012, 23, 713-732.	0.8	9
96	THE MAGIC NUMBER PROBLEM FOR SUBREGULAR LANGUAGE FAMILIES. International Journal of Foundations of Computer Science, 2012, 23, 115-131.	0.8	5
97	Non-deterministic cellular automata and languages. International Journal of General Systems, 2012, 41, 555-568.	1.2	7
98	Nondeterministic state complexity of star-free languages. Theoretical Computer Science, 2012, 450, 68-80.	0.5	9
99	Reversible pushdown automata. Journal of Computer and System Sciences, 2012, 78, 1814-1827.	0.9	47
100	Oblivious Two-Way Finite Automata: Decidability and Complexity. Lecture Notes in Computer Science, 2012, , 518-529.	1.0	2
101	Input-Driven Stack Automata. Lecture Notes in Computer Science, 2012, , 28-42.	1.0	10
102	String Assembling Systems. RAIRO - Theoretical Informatics and Applications, 2012, 46, 593-613.	0.5	4
103	On CD-Systems of Stateless Deterministic Two-Phase RR(1)-Automata. Lecture Notes in Computer Science, 2012, , 111-137.	1.0	0
104	On the Descriptional Complexity of the Window Size for Deterministic Restarting Automata. Lecture Notes in Computer Science, 2012, , 253-264.	1.0	0
105	Cellular Automata and Language Theory. , 2012, , 359-381.		0
106	Iterative Arrays: Little Resources Big Size Impact. Lecture Notes in Computer Science, 2012, , 42-51.	1.0	0
107	States and Heads Do Count for Unary Multi-head Finite Automata. Lecture Notes in Computer Science, 2012, , 214-225.	1.0	4
108	Computational Complexity of NURIKABE. Fundamenta Informaticae, 2011, 110, 159-174.	0.3	6

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109	Decidability of operation problems for T0L languages and subclasses. Information and Computation, 2011, 209, 344-352.	0.5	1
110	Descriptional and computational complexity of finite automataâ€"A survey. Information and Computation, 2011, 209, 456-470.	0.5	109
111	Gaining Power by Input Operations: Finite Automata and Beyond. Lecture Notes in Computer Science, 2011, , 16-29.	1.0	0
112	Nodes Connected by Path Languages. Lecture Notes in Computer Science, 2011, , 276-287.	1.0	3
113	Complexity of multi-head finite automata: Origins and directions. Theoretical Computer Science, 2011, 412, 83-96.	0.5	42
114	Cellular automata with limited inter-cell bandwidth. Theoretical Computer Science, 2011, 412, 3917-3931.	0.5	12
115	UNDECIDABILITY AND HIERARCHY RESULTS FOR PARALLEL COMMUNICATING FINITE AUTOMATA. International Journal of Foundations of Computer Science, 2011, 22, 1577-1592.	0.8	8
116	THE COMPLEXITY OF REGULAR(-LIKE) EXPRESSIONS. International Journal of Foundations of Computer Science, 2011, 22, 1533-1548.	0.8	12
117	Nature-Based Problems in Cellular Automata. Lecture Notes in Computer Science, 2011, , 171-180.	1.0	1
118	Two-Party Watson-Crick Computations. Lecture Notes in Computer Science, 2011, , 191-200.	1.0	3
119	Nondeterministic State Complexity of Star-Free Languages. Lecture Notes in Computer Science, 2011, , 178-189.	1.0	1
120	Descriptional Complexity â€" An Introductory Survey. Mathematics, Computing, Language, and Life, 2010, , 1-58.	0.3	37
121	On stateless deterministic restarting automata. Acta Informatica, 2010, 47, 391-412.	0.5	12
122	Real-time reversible iterative arrays. Theoretical Computer Science, 2010, 411, 812-822.	0.5	15
123	Cellular automata with sparse communication. Theoretical Computer Science, 2010, 411, 3516-3526.	0.5	16
124	ON STATELESS TWO-PUSHDOWN AUTOMATA AND RESTARTING AUTOMATA. International Journal of Foundations of Computer Science, 2010, 21, 781-798.	0.8	24
125	The Complexity of Regular(-Like) Expressions. Lecture Notes in Computer Science, 2010, , 16-30.	1.0	6
126	Descriptional Complexity of (Un)ambiguous Finite State Machines and Pushdown Automata. Lecture Notes in Computer Science, 2010, , 1-23.	1.0	4

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127	Undecidability and Hierarchy Results for Parallel Communicating Finite Automata. Lecture Notes in Computer Science, 2010, , 88-99.	1.0	0
128	NONDETERMINISTIC FINITE AUTOMATA â€" RECENT RESULTS ON THE DESCRIPTIONAL AND COMPUTATIONAL COMPLEXITY. International Journal of Foundations of Computer Science, 2009, 20, 563-580.	0.8	44
129	COMPUTATIONS AND DECIDABILITY OF ITERATIVE ARRAYS WITH RESTRICTED COMMUNICATION. Parallel Processing Letters, 2009, 19, 247-264.	0.4	11
130	More on the Size of Higman-Haines Sets: Effective Constructions. Fundamenta Informaticae, 2009, 91, 105-121.	0.3	14
131	On input-revolving deterministic and nondeterministic finite automata. Information and Computation, 2009, 207, 1140-1155.	0.5	20
132	Determination of finite automata accepting subregular languages. Theoretical Computer Science, 2009, 410, 3209-3222.	0.5	44
133	Regulated nondeterminism in pushdown automata. Theoretical Computer Science, 2009, 410, 3447-3460.	0.5	5
134	On One-way One-bit O (One)-message Cellular Automata. Electronic Notes in Theoretical Computer Science, 2009, 252, 77-91.	0.9	8
135	Descriptional and Computational Complexity of Finite Automata. Lecture Notes in Computer Science, 2009, , 23-42.	1.0	12
136	On Stateless Deterministic Restarting Automata. Lecture Notes in Computer Science, 2009, , 353-364.	1.0	4
137	Cellular Automata and Language Theory. , 2009, , 800-823.		30
138	Cellular Automata with Sparse Communication. Lecture Notes in Computer Science, 2009, , 34-43.	1.0	3
139	Cellular Automata and Language Theory. , 2009, , 513-542.		0
140	The Boolean closure of linear context-free languages. Acta Informatica, 2008, 45, 177-191.	0.5	10
141	Deterministic Input-Reversal and Input-Revolving Finite Automata. Lecture Notes in Computer Science, 2008, , 113-124.	1.0	1
142	Fast reversible language recognition using cellular automata. Information and Computation, 2008, 206, 1142-1151.	0.5	32
143	Succinct description of regular languages by weak restarting automata. Information and Computation, 2008, 206, 1152-1160.	0.5	11
144	Nondeterministic Finite Automataâ€"Recent Results on the Descriptional and Computational Complexity. Lecture Notes in Computer Science, 2008, , 1-16.	1.0	6

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145	OPTIMAL SIMULATIONS OF WEAK RESTARTING AUTOMATA. International Journal of Foundations of Computer Science, 2008, 19, 795-811.	0.8	3
146	Cellular Automata â€" A Computational Point of View. Studies in Computational Intelligence, 2008, , 183-227.	0.7	27
147	HYBRID EXTENDED FINITE AUTOMATA. International Journal of Foundations of Computer Science, 2007, 18, 745-760.	0.8	2
148	CONTEXT-FREE GRAMMARS WITH LINKED NONTERMINALS. International Journal of Foundations of Computer Science, 2007, 18, 1271-1282.	0.8	1
149	WHEN CHURCH-ROSSER BECOMES CONTEXT FREE. International Journal of Foundations of Computer Science, 2007, 18, 1293-1302.	0.8	9
150	The size of Higmanâ€"Haines sets. Theoretical Computer Science, 2007, 387, 167-176.	0.5	12
151	Finite turns and the regular closure of linear context-free languages. Discrete Applied Mathematics, 2007, 155, 2152-2164.	0.5	18
152	More on the Size of Higman-Haines Sets: Effective Constructions. Lecture Notes in Computer Science, 2007, , 193-204.	1.0	2
153	Hairpin Finite Automata. Lecture Notes in Computer Science, 2007, , 108-119.	1.0	2
154	Context-dependent nondeterminism for pushdown automata. Theoretical Computer Science, 2007, 376, 101-111.	0.5	8
155	Real-Time Reversible Iterative Arrays. Lecture Notes in Computer Science, 2007, , 376-387.	1.0	2
156	Regulated Nondeterminism in Pushdown Automata. , 2007, , 85-96.		0
157	Fast Cellular Automata with Restricted Inter-Cell Communication: Computational Capacity. , 2006, , 151-164.		4
158	Fast Iterative Arrays with Restricted Inter-cell Communication: Constructions and Decidability. Lecture Notes in Computer Science, 2006, , 634-645.	1.0	7
159	Context-Dependent Nondeterminism for Pushdown Automata. Lecture Notes in Computer Science, 2006, , 133-144.	1.0	0
160	On the descriptional power of heads, counters, and pebbles. Theoretical Computer Science, 2005, 330, 311-324.	0.5	8
161	On the descriptional complexity of finite automata with modified acceptance conditions. Theoretical Computer Science, 2005, 330, 267-285.	0.5	1
162	Revolving-Input Finite Automata. Lecture Notes in Computer Science, 2005, , 168-179.	1.0	5

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163	UNSOLVABILITY LEVELS OF OPERATION PROBLEMS FOR SUBCLASSES OF CONTEXT-FREE LANGUAGES. International Journal of Foundations of Computer Science, 2005, 16, 423-440.	0.8	8
164	THE PHENOMENON OF NON-RECURSIVE TRADE-OFFS. International Journal of Foundations of Computer Science, 2005, 16, 957-973.	0.8	30
165	Some Non-semi-decidability Problems for Linear and Deterministic Context-Free Languages. Lecture Notes in Computer Science, 2005, , 68-79.	1.0	2
166	Register Complexity of LOOP-, WHILE-, and GOTO-Programs. Lecture Notes in Computer Science, 2005, , 233-244.	1.0	0
167	Input Reversals and Iterated Pushdown Automata: A New Characterization of Khabbaz Geometric Hierarchy of Languages. Lecture Notes in Computer Science, 2004, , 102-113.	1.0	12
168	The Boolean Closure of Linear Context-Free Languages. Lecture Notes in Computer Science, 2004, , 284-295.	1.0	1
169	Fast one-way cellular automata. Theoretical Computer Science, 2003, 295, 233-250.	0.5	12
170	NONDETERMINISTIC DESCRIPTIONAL COMPLEXITY OF REGULAR LANGUAGES. International Journal of Foundations of Computer Science, 2003, 14, 1087-1102.	0.8	134
171	Unary Language Operations and Their Nondeterministic State Complexity. Lecture Notes in Computer Science, 2003, , 162-172.	1.0	24
172	Flip-Pushdown Automata: Nondeterminism is Better than Determinism. Lecture Notes in Computer Science, 2003, , 361-372.	1.0	10
173	Flip-Pushdown Automata: $k + 1$ Pushdown Reversals Are Better than k. Lecture Notes in Computer Science, 2003, , 490-501.	1.0	17
174	Massively parallel fault tolerant computations on syntactical patterns. Future Generation Computer Systems, 2002, 18, 905-919.	4.9	7
175	Deterministic Turing machines in the range between real-time and linear-time. Theoretical Computer Science, 2002, 289, 253-275.	0.5	4
176	Self-assembling Finite Automata. Lecture Notes in Computer Science, 2002, , 310-319.	1.0	5
177	String Transformation for n-Dimensional Image Compression. Lecture Notes in Computer Science, 2002, , 208-217.	1.0	2
178	Automata Arrays and Context-Free Languages. , 2001, , 139-148.		5
179	Fault Tolerant Parallel Pattern Recognition. , 2001, , 72-80.		1
180	A Time Hierarchy for Bounded One-Way Cellular Automata. Lecture Notes in Computer Science, 2001, , 439-450.	1.0	2

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181	Efficient Universal Pushdown Cellular Automata and Their Application to Complexity. Lecture Notes in Computer Science, 2001, , 252-263.	1.0	4
182	Massively Parallel Pattern Recognition with Link Failures. Lecture Notes in Computer Science, 2000, , 392-401.	1.0	2
183	ON TALLY LANGUAGES AND GENERALIZED INTERACTING AUTOMATA. , 2000, , .		1
184	Pushdown cellular automata. Theoretical Computer Science, 1999, 215, 239-261.	0.5	11
185	On time reduction and simulation in cellular spaces. International Journal of Computer Mathematics, 1999, 71, 459-474.	1.0	3
186	On time computability of functions in one-way cellular automata. Acta Informatica, 1998, 35, 329-252.	0.5	41
187	Some relations between massively parallel arrays. Parallel Computing, 1997, 23, 1643-1662.	1.3	25
188	Cellular automata. Parallel Computing, 1997, 23, 1565.	1.3	0
189	On the Descriptional Complexity of Operations on Semilinear Sets. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 252, 41-55.	0.8	4
190	Bounded Languages Meet Cellular Automata with Sparse Communication. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 163-172.	0.8	1
191	The Magic Number Problem for Subregular Language Families. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 31, 110-119.	0.8	3
192	On the Number of Membranes in Unary P Systems. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 101-109.	0.8	0
193	On Measuring Non-Recursive Trade-Offs. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 141-150.	0.8	1
194	Transductions Computed by One-Dimensional Cellular Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 90, 194-207.	0.8	0
195	Measuring Communication in Parallel Communicating Finite Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 151, 124-138.	0.8	0
196	Input-Driven Double-Head Pushdown Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 252, 128-142.	0.8	0
197	On the Computational Capacity of Parallel Communicating Finite Automata. Lecture Notes in Computer Science, 0, , 146-157.	1.0	3
198	Input-Driven Double-Head Pushdown Automata. International Journal of Foundations of Computer Science, 0, , 1-27.	0.8	0

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199	One-dimensional pattern generation by cellular automata. Natural Computing, 0, , .	1.8	0