Wolfgang Thomas

List of Publications by Year
in descending order

36	1,964	567281	477307
papers	citations	15	29
		h-index	g-index
37	37	37	442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automata on Infinite Objects. , 1990, , 133-191.		536
2	Languages, Automata, and Logic. , 1997, , 389-455.		527
3	Classifying regular events in symbolic logic. Journal of Computer and System Sciences, 1982, 25, 360-376.	1.2	227
4	Star-free regular sets of Ï‰-sequences. Information and Control, 1979, 42, 148-156.	1.1	81
5	Monadic Second-Order Logic over Rectangular Pictures and Recognizability by Tiling Systems. Information and Computation, 1996, 125, 32-45.	0.7	74
6	A combinatorial approach to the theory of Ï‰-automata. Information and Control, 1981, 48, 261-283.	1.1	63
7	On logics, tilings, and automata. Lecture Notes in Computer Science, 1991, , 441-454.	1.3	49
8	Ehrenfeucht games, the composition method, and the monadic theory of ordinal words. Lecture Notes in Computer Science, 1997, , 118-143.	1.3	48
9	The Monadic Theory of Morphic Infinite Words and Generalizations. Information and Computation, 2002, 176, 51-65.	0.7	41
10	Logical specifications of infinite computations. Lecture Notes in Computer Science, 1994, , 583-621.	1.3	37
11	Regular languages defined with generalized quantifiers. Lecture Notes in Computer Science, 1988, , 561-575.	1.3	23
12	Churchâ€™s Problem and a Tour through Automata Theory. , 2008, , 635-655.		23
13	The Monadic Quantifier Alternation Hierarchy over Grids and Graphs. Information and Computation, 2002, 179, 356-383.	0.7	22
14	The maternal uniparental disomy of chromosome 6Â(upd(6)mat) â€œphenotypeâ€ result of placental trisomyÂ6Âmosaicism?. Molecular Genetics & Genomic Medicine, 2017, 5, 668-677.	1.2	21
15	The theory of successor with an extra predicate. Mathematische Annalen, 1978, 237, 121-132.	1.4	20
16	A note on undecidable extensions of monadic second order successor arithmetic. Archive for Mathematical Logic, 1975, 17, 43-44.	0.3	18
17	Automata theory on trees and partial orders. Lecture Notes in Computer Science, 1997, , 20-38.	1.3	18
18	Computation tree logic and regular Ï‰-languages. Lecture Notes in Computer Science, 1989, , 690-713.	1.3	17

#	Article	IF	Citations
19	Decidable Theories of the Ordering of Natural Numbers with Unary Predicates. Lecture Notes in Computer Science, 2006, , 562-574.	1.3	16
20	A Game Theoretic Approach to the Analysis of Dynamic Networks. Electronic Notes in Theoretical Computer Science, 2008, 200, 21-37.	0.9	15
21	The Monadic Theory of Morphic Infinite Words and Generalizations. Lecture Notes in Computer Science, 2000, , 275-284.	1.3	12
22	On the bounded monadic theory of well-ordered structures. Journal of Symbolic Logic, 1980, 45, 334-338.	0.5	11
23	Tiling Systems over Infinite Pictures and Their Acceptance Conditions. Lecture Notes in Computer Science, 2003, , 297-306.	1.3	10
24	A hierarchy of sets of infinite trees. , 1982, , 335-342.		9
25	Logical Refinements of Church's Problem. Lecture Notes in Computer Science, 2007, , 69-83.	1.3	8
26	Uniform and nonuniform recognizability. Theoretical Computer Science, 2003, 292, 299-316.	0.9	6
27	Connectivity games over dynamic networks. Theoretical Computer Science, 2013, 493, 46-65.	0.9	6
28	Moving in a network under random failures: A complexity analysis. Science of Computer Programming, 2012, 77, 940-954.	1.9	3
29	Parametrized Regular Infinite Games and Higher-Order Pushdown Strategies. Lecture Notes in Computer Science, 2009, , 181-192.	1.3	3
30	COMPOSITIONALITY AND REACHABILITY WITH CONDITIONS ON PATH LENGTHS. International Journal of Foundations of Computer Science, 2009, 20, 851-868.	1.1	2
31	On Monadic Theories of Monadic Predicates. Lecture Notes in Computer Science, 2010, , 615-626.	1.3	2
32	Finite Automata Over Infinite Alphabets: Two Models with Transitions for Local Change. International Journal of Foundations of Computer Science, 2018, 29, 213-231.	1.1	1
33	Languages vs. Ï‰-Languages in Regular Infinite Games. Lecture Notes in Computer Science, 2011, , 180-191.	1.3	1
34	LANGUAGES VERSUS Ï‰-LANGUAGES IN REGULAR INFINITE GAMES. International Journal of Foundations of Computer Science, 2012, 23, 985-1000.	1.1	0
35	Connectivity Games over Dynamic Networks. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 54, 131-145.	0.8	0
36	Composition Over the Natural Number Ordering with an Extra Binary Relation. Lecture Notes in Computer Science, 2015, , 297-306.	1.3	0