

# Vesa Halava

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

230  
citations

1040056

9  
h-index

996975

15  
g-index

32  
all docs

32  
docs citations

32  
times ranked

55  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integer Weighted Automata on Infinite Words. Lecture Notes in Computer Science, 2021, , 167-179.	1.3	0
2	On Shuffling a Word with its Letter-to-Letter Substitution. Fundamenta Informaticae, 2020, 175, 201-206.	0.4	0
3	On the Steps of Emil Post: from Normal Systems to the Correspondence Decision Problem. Acta Cybernetica, 2020, 24, 613-623.	0.6	0
4	On Shuffling a Word with its Letter-to-Letter Substitution. , 2020, , .		0
5	Perface. Fundamenta Informaticae, 2018, 162, i-i.	0.4	0
6	A New Proof for Undecidability of the Bi-Infinite Post Correspondence Problem. Fundamenta Informaticae, 2017, 154, 167-176.	0.4	1
7	Small Semi-Thue System Universal with Respect to the Termination Problem. Fundamenta Informaticae, 2017, 154, 177-184.	0.4	2
8	Word problem for deterministic and reversible semi-Thue systems. Semigroup Forum, 2014, 88, 468-478.	0.6	2
9	New proof for the undecidability of the circular PCP. Acta Informatica, 2013, 50, 331-341.	0.5	3
10	Decision Problems for Probabilistic Finite Automata on Bounded Languages. Fundamenta Informaticae, 2013, 123, 1-14.	0.4	4
11	REDUCTION TREE OF THE BINARY GENERALIZED POST CORRESPONDENCE PROBLEM. International Journal of Foundations of Computer Science, 2011, 22, 473-490.	1.1	6
12	Defect theorems with compatibility relations. Semigroup Forum, 2008, 76, 1-24.	0.6	3
13	Post Correspondence Problem for short words. Information Processing Letters, 2008, 108, 115-118.	0.6	5
14	Square-free partial words. Information Processing Letters, 2008, 108, 290-292.	0.6	15
15	MATRIX EQUATIONS AND HILBERT'S TENTH PROBLEM. International Journal of Algebra and Computation, 2008, 18, 1231-1241.	0.5	16
16	UNDECIDABILITY BOUNDS FOR INTEGER MATRICES USING CLAUS INSTANCES. International Journal of Foundations of Computer Science, 2007, 18, 931-948.	1.1	34
17	The Structure of Infinite Solutions of Marked and Binary Post Correspondence Problems. Theory of Computing Systems, 2007, 40, 43-54.	1.1	1
18	On Markov's Undecidability Theorem for Integer Matrices. Semigroup Forum, 2007, 75, 173-180.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Improved matrix pair undecidability results. Acta Informatica, 2007, 44, 191-205.	0.5	5
20	Undecidability of infinite post correspondence problem for instances of Size 9. RAIRO - Theoretical Informatics and Applications, 2006, 40, 551-557.	0.5	10
21	Positivity of second order linear recurrent sequences. Discrete Applied Mathematics, 2006, 154, 447-451.	0.9	27
22	Equality sets of prefix morphisms and regular star languages. Information Processing Letters, 2005, 94, 151-154.	0.6	1
23	Decidability of the binary infinite Post Correspondence Problem. Discrete Applied Mathematics, 2003, 130, 521-526.	0.9	6
24	Mortality in Matrix Semigroups. American Mathematical Monthly, 2001, 108, 649-653.	0.3	20
25	Mortality in Matrix Semigroups. American Mathematical Monthly, 2001, 108, 649.	0.3	19
26	Periods and Binary Words. Journal of Combinatorial Theory - Series A, 2000, 89, 298-303.	0.8	13
27	GENERALIZED POST CORRESPONDENCE PROBLEM FOR MARKED MORPHISMS. International Journal of Algebra and Computation, 2000, 10, 757-772.	0.5	12
28	Undecidability in Integer Weighted Finite Automata. Fundamenta Informaticae, 1999, 38, 189-200.	0.4	18
29	On a geometric problem of zigzags. Information Processing Letters, 1997, 62, 1-4.	0.6	3
30	A new proof for the decidability of DOL ultimate periodicity. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 63, 147-151.	0.8	0