Koichi Yamazaki

List of Publications by Year
in descending order

33	416	1162367 8	752256 20
papers	citations	h-index	g-index

33	33	33	373
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A note on greedy algorithms for the maximum weighted independent set problem. Discrete Applied Mathematics, 2003, 126, 313-322.	0.5	248
2	Isomorphism for Graphs of Bounded Distance Width. Algorithmica, 1999, 24, 105-127.	1.0	20
3	Relationships between the class of unit grid intersection graphs and other classes of bipartite graphs. Discrete Applied Mathematics, 2007, 155, 2383-2390.	0.5	15
4	On spanning tree congestion of graphs. Discrete Mathematics, 2009, 309, 4215-4224.	0.4	15
5	Security number of grid-like graphs. Discrete Applied Mathematics, 2009, 157, 2555-2561.	0.5	11
6	An improved algorithm for the longest induced path problem on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>k</mml:mi></mml:math>-chordal graphs. Discrete Applied Mathematics, 2008, 156, 3057-3059.	0.5	10
7	Outerplanar obstructions for matroid pathwidth. Discrete Mathematics, 2014, 315-316, 95-101.	0.4	10
8	Computer Science Education for Primary and Lower Secondary School Students. ACM Transactions on Computing Education, 2017, 17, 1-28.	2.9	9
9	It is hard to know when greedy is good for finding independent sets. Information Processing Letters, 1997, 61, 101-106.	0.4	7
10	Pagenumber of pathwidth-k graphs and strong pathwidth-k graphs. Discrete Mathematics, 2002, 259, 361-368.	0.4	6
11	Worst case analysis of a greedy algorithm for graph thickness. Information Processing Letters, 2003, 85, 333-337.	0.4	6
12	A revisit of the scheme for computing treewidth and minimum fill-in. Theoretical Computer Science, 2014, 531, 66-76.	0.5	6
13	On approximation intractability of the pathâ€“distanceâ€“width problem. Discrete Applied Mathematics, 2001, 110, 317-325.	0.5	5
14	Tree-length equals branch-length. Discrete Mathematics, 2009, 309, 4656-4660.	0.4	5
15	Isomorphism for graphs of bounded distance width. Lecture Notes in Computer Science, 1997, , 276-287.	1.0	5
16	A Pumping lemma and the structure of derivations in the boundary NLC graph languages. Information Sciences, 1993, 75, 81-97.	4.0	4
17	The carving-width of generalized hypercubes. Discrete Mathematics, 2010, 310, 2867-2876.	0.4	4
18	Outerplanar Obstructions for Matroid Pathwidth. Electronic Notes in Discrete Mathematics, 2011, 38, 541-546.	0.4	4

#	Article	IF	Citations
19	How to Solve the Torus Puzzle. Algorithms, 2012, 5, 18-29.	1.2	4
20	Lower bounds for treewidth of product graphs. Discrete Applied Mathematics, 2014, 162, 251-258.	0.5	4
21	A lower bound for the vertex boundary-width of complete k-ary trees. Discrete Mathematics, 2008, 308, 2389-2395.	0.4	3
22	Inapproximability of Rank, Clique, Boolean, and Maximum Induced Matching-Widths under Small Set Expansion Hypothesis. Algorithms, 2018, 11, 173.	1.2	3
23	A Normal Form Problem for Unlabeled Boundary NLC Graph Languages. Information and Computation, 1995, 120, 1-10.	0.5	2
24	Hardness of approximation for non-overlapping local alignments. Discrete Applied Mathematics, 2004, 137, 293-309.	0.5	2
25	Anti-Slide. Journal of Information Processing, 2015, 23, 252-257.	0.3	2
26	Approximability of the Path-Distance-Width for AT-free Graphs. Lecture Notes in Computer Science, 2011, , 271-282.	1.0	2
27	Learning of restricted RNLC graph languages. Lecture Notes in Computer Science, 1995, , 171-180.	1.0	1
28	Approximating the path-distance-width for AT-free graphs and graphs in related classes. Discrete Applied Mathematics, 2014, 168, 69-77.	0.5	1
29	Thin strip graphs. Discrete Applied Mathematics, 2017, 216, 203-210.	0.5	1
30	Tangle and Maximal Ideal. Lecture Notes in Computer Science, 2017, , 81-92.	1.0	1
31	The generating power of boundary NLC graph grammars and cycle graphs. Information Sciences, 1994, 80, 133-148.	4.0	0
32	A hierarchy of the class of apex NLC graph languages by bounds on the number of nonterminal nodes in productions. Acta Informatica, 1997, 34, 325-335.	0.5	0
33	Tangle and Ultrafilter: Game Theoretical Interpretation. Graphs and Combinatorics, 2020, 36, 319-330.	0.2	0