

Mihalis Yannakakis

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,015
citations

687335

13
h-index

940516

16
g-index

20
all docs

20
docs citations

20
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	On the hardness of approximating minimization problems. Journal of the ACM, 1994, 41, 960-981.	2.2	641
2	How easy is local search?. Journal of Computer and System Sciences, 1988, 37, 79-100.	1.2	514
3	Embedding planar graphs in four pages. Journal of Computer and System Sciences, 1989, 38, 36-67.	1.2	158
4	On the Complexity of Nash Equilibria and Other Fixed Points. SIAM Journal on Computing, 2010, 39, 2531-2597.	1.0	150
5	Recursive Markov chains, stochastic grammars, and monotone systems of nonlinear equations. Journal of the ACM, 2009, 56, 1-66.	2.2	121
6	Multiobjective query optimization. , 2001, , .		71
7	Power Grid State Estimation Following a Joint Cyber and Physical Attack. IEEE Transactions on Control of Network Systems, 2018, 5, 499-512.	3.7	57
8	Efficiently computing succinct trade-off curves. Theoretical Computer Science, 2005, 348, 334-356.	0.9	53
9	Small Approximate Pareto Sets for Biobjective Shortest Paths and Other Problems. SIAM Journal on Computing, 2010, 39, 1340-1371.	1.0	41
10	Adaptive Model Checking. Logic Journal of the IGPL, 2006, 14, 729-744.	1.5	38
11	REACT to Cyber Attacks on Power Grids. IEEE Transactions on Network Science and Engineering, 2019, 6, 459-473.	6.4	34
12	On the Complexity of Nash Equilibria and Other Fixed Points (Extended Abstract). , 2007, , .		27
13	Recursive Markov Decision Processes and Recursive Stochastic Games. Journal of the ACM, 2015, 62, 1-69.	2.2	26
14	On the Complexity of Optimal Lottery Pricing and Randomized Mechanisms. , 2015, , .		22
15	Planar graphs that need four pages. Journal of Combinatorial Theory Series B, 2020, 145, 241-263.	1.0	18
16	Small Approximate Pareto Sets for Bi-objective Shortest Paths and Other Problems. Lecture Notes in Computer Science, 2007, , 74-88.	1.3	18
17	How Good is the Chord Algorithm?. SIAM Journal on Computing, 2016, 45, 811-858.	1.0	12
18	On the Complexity of Nash Equilibria and Other Fixed Points (Extended Abstract). , 2007, , .		7

#	ARTICLE	IF	CITATIONS
19	Polynomial Time Algorithms for Branching Markov Decision Processes and Probabilistic Min(Max) Polynomial Bellman Equations. Mathematics of Operations Research, 2020, 45, 34-62.	1.3	4
20	Recursive stochastic games with positive rewards. Theoretical Computer Science, 2019, 777, 308-328.	0.9	3