

Mihalis Yannakakis

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

1,498
citations

14
h-index

20
g-index

20
ext. papers

1,726
ext. citations

1.6
avg, IF

4.68
L-index

#	Paper	IF	Citations
20	On the hardness of approximating minimization problems. <i>Journal of the ACM</i> , 1994 , 41, 960-981	2	519
19	How easy is local search?. <i>Journal of Computer and System Sciences</i> , 1988 , 37, 79-100	1	373
18	Embedding planar graphs in four pages. <i>Journal of Computer and System Sciences</i> , 1989 , 38, 36-67	1	119
17	On the Complexity of Nash Equilibria and Other Fixed Points. <i>SIAM Journal on Computing</i> , 2010 , 39, 2531-2597	1.1	97
16	Recursive Markov chains, stochastic grammars, and monotone systems of nonlinear equations. <i>Journal of the ACM</i> , 2009 , 56, 1-66	2	90
15	Multiobjective query optimization 2001 ,		54
14	Efficiently computing succinct trade-off curves. <i>Theoretical Computer Science</i> , 2005 , 348, 334-356	1.1	41
13	Power Grid State Estimation Following a Joint Cyber and Physical Attack. <i>IEEE Transactions on Control of Network Systems</i> , 2018 , 5, 499-512	4	38
12	Adaptive Model Checking. <i>Logic Journal of the IGPL</i> , 2006 , 14, 729-744	1	33
11	Small Approximate Pareto Sets for Biobjective Shortest Paths and Other Problems. <i>SIAM Journal on Computing</i> , 2010 , 39, 1340-1371	1.1	31
10	Recursive Markov Decision Processes and Recursive Stochastic Games. <i>Journal of the ACM</i> , 2015 , 62, 1-69	2	21
9	REACT to Cyber Attacks on Power Grids. <i>IEEE Transactions on Network Science and Engineering</i> , 2019 , 6, 459-473	4.9	20
8	On the Complexity of Nash Equilibria and Other Fixed Points (Extended Abstract) 2007 ,		20
7	On the Complexity of Optimal Lottery Pricing and Randomized Mechanisms 2015 ,		14
6	On the Complexity of Nash Equilibria and Other Fixed Points (Extended Abstract)		7
5	Planar graphs that need four pages. <i>Journal of Combinatorial Theory Series B</i> , 2020 , 145, 241-263	1.1	6
4	Small Approximate Pareto Sets for Bi-objective Shortest Paths and Other Problems. <i>Lecture Notes in Computer Science</i> , 2007 , 74-88	0.9	6

3	How Good is the Chord Algorithm?. <i>SIAM Journal on Computing</i> , 2016 , 45, 811-858	1.1	5
2	Polynomial Time Algorithms for Branching Markov Decision Processes and Probabilistic Min(Max) Polynomial Bellman Equations. <i>Mathematics of Operations Research</i> , 2020 , 45, 34-62	1.5	3
1	Recursive stochastic games with positive rewards. <i>Theoretical Computer Science</i> , 2019 , 777, 308-328	1.1	1