

# Mihalis Yannakakis

## List of Publications by Year in Descending Order

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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	Planar graphs that need four pages. <i>Journal of Combinatorial Theory Series B</i> , <b>2020</b> , 145, 241-263	1.1	6
19	Polynomial Time Algorithms for Branching Markov Decision Processes and Probabilistic Min(Max) Polynomial Bellman Equations. <i>Mathematics of Operations Research</i> , <b>2020</b> , 45, 34-62	1.5	3
18	Recursive stochastic games with positive rewards. <i>Theoretical Computer Science</i> , <b>2019</b> , 777, 308-328	1.1	1
17	REACT to Cyber Attacks on Power Grids. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2019</b> , 6, 459-473	4.9	20
16	Power Grid State Estimation Following a Joint Cyber and Physical Attack. <i>IEEE Transactions on Control of Network Systems</i> , <b>2018</b> , 5, 499-512	4	38
15	How Good is the Chord Algorithm?. <i>SIAM Journal on Computing</i> , <b>2016</b> , 45, 811-858	1.1	5
14	Recursive Markov Decision Processes and Recursive Stochastic Games. <i>Journal of the ACM</i> , <b>2015</b> , 62, 1-69	2	21
13	On the Complexity of Optimal Lottery Pricing and Randomized Mechanisms <b>2015</b> ,		14
12	On the Complexity of Nash Equilibria and Other Fixed Points. <i>SIAM Journal on Computing</i> , <b>2010</b> , 39, 2531-2597	97	
11	Small Approximate Pareto Sets for Biobjective Shortest Paths and Other Problems. <i>SIAM Journal on Computing</i> , <b>2010</b> , 39, 1340-1371	1.1	31
10	Recursive Markov chains, stochastic grammars, and monotone systems of nonlinear equations. <i>Journal of the ACM</i> , <b>2009</b> , 56, 1-66	2	90
9	On the Complexity of Nash Equilibria and Other Fixed Points (Extended Abstract) <b>2007</b> ,		20
8	Small Approximate Pareto Sets for Bi-objective Shortest Paths and Other Problems. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 74-88	0.9	6
7	Adaptive Model Checking. <i>Logic Journal of the IGPL</i> , <b>2006</b> , 14, 729-744	1	33
6	Efficiently computing succinct trade-off curves. <i>Theoretical Computer Science</i> , <b>2005</b> , 348, 334-356	1.1	41
5	Multiobjective query optimization <b>2001</b> ,		54
4	On the hardness of approximating minimization problems. <i>Journal of the ACM</i> , <b>1994</b> , 41, 960-981	2	519

3	Embedding planar graphs in four pages. <i>Journal of Computer and System Sciences</i> , <b>1989</b> , 38, 36-67	1	119
2	How easy is local search?. <i>Journal of Computer and System Sciences</i> , <b>1988</b> , 37, 79-100	1	373
1	On the Complexity of Nash Equilibria and Other Fixed Points (Extended Abstract)		7