

Eva Tardos

List of Publications by Citations

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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.

43
papers

4,666
citations

24
h-index

43
g-index

43
ext. papers

5,402
ext. citations

1.3
avg, IF

5.49
L-index

#	Paper	IF	Citations
43	How bad is selfish routing?. <i>Journal of the ACM</i> , 2002 , 49, 236-259	2	1015
42	Approximation algorithms for scheduling unrelated parallel machines. <i>Mathematical Programming</i> , 1990 , 46, 259-271	2.1	581
41	An approximation algorithm for the generalized assignment problem. <i>Mathematical Programming</i> , 1993 , 62, 461-474	2.1	418
40	Fast Approximation Algorithms for Fractional Packing and Covering Problems. <i>Mathematics of Operations Research</i> , 1995 , 20, 257-301	1.5	308
39	A Strongly Polynomial Algorithm to Solve Combinatorial Linear Programs. <i>Operations Research</i> , 1986 , 34, 250-256	2.3	304
38	The Price of Stability for Network Design with Fair Cost Allocation. <i>SIAM Journal on Computing</i> , 2008 , 38, 1602-1623	1.1	285
37	A strongly polynomial minimum cost circulation algorithm. <i>Combinatorica</i> , 1985 , 5, 247-255	0.9	214
36	A Constant-Factor Approximation Algorithm for the k-Median Problem. <i>Journal of Computer and System Sciences</i> , 2002 , 65, 129-149	1	168
35	An application of simultaneous diophantine approximation in combinatorial optimization. <i>Combinatorica</i> , 1987 , 7, 49-65	0.9	163
34	Bounding the inefficiency of equilibria in nonatomic congestion games. <i>Games and Economic Behavior</i> , 2004 , 47, 389-403	1.1	161
33	Frugal path mechanisms. <i>ACM Transactions on Algorithms</i> , 2007 , 3, 1-22	1.2	148
32	Near-optimal network design with selfish agents 2003 ,		94
31	Generalized polymatroids and submodular flows. <i>Mathematical Programming</i> , 1988 , 42, 489-563	2.1	93
30	An application of submodular flows. <i>Linear Algebra and Its Applications</i> , 1989 , 114-115, 329-348	0.9	87
29	Combinatorial Algorithms for the Generalized Circulation Problem. <i>Mathematics of Operations Research</i> , 1991 , 16, 351-381	1.5	59
28	An Approximate Truthful Mechanism for Combinatorial Auctions with Single Parameter Agents. <i>Internet Mathematics</i> , 2004 , 1, 129-150	0	56
27	Pure and Bayes-Nash Price of Anarchy for Generalized Second Price Auction 2010 ,		50

26	Approximation Algorithms for Steiner and Directed Multicuts. <i>Journal of Algorithms</i> , 1997 , 22, 241-269		50
25	Multiplicative updates outperform generic no-regret learning in congestion games 2009 ,		44
24	Bounding the inefficiency of outcomes in generalized second price auctions. <i>Journal of Economic Theory</i> , 2015 , 156, 343-388	1.4	32
23	Stronger Bounds on Braess's Paradox and the Maximum Latency of Selfish Routing. <i>SIAM Journal on Discrete Mathematics</i> , 2011 , 25, 1667-1686	0.7	30
22	Algorithms for a network design problem with crossing supermodular demands. <i>Networks</i> , 2004 , 43, 256-265	1.6	29
21	Simple Generalized Maximum Flow Algorithms. <i>Lecture Notes in Computer Science</i> , 1998 , 310-324	0.9	26
20	Note on Weintraub's Minimum-Cost Circulation Algorithm. <i>SIAM Journal on Computing</i> , 1989 , 18, 579-583	1.1	25
19	Using separation algorithms in fixed dimension. <i>Journal of Algorithms</i> , 1992 , 13, 79-98		24
18	Approximating the smallest k-edge connected spanning subgraph by LP-rounding. <i>Networks</i> , 2009 , 53, 345-357	1.6	23
17	Covering directed and odd cuts. <i>Mathematical Programming Studies</i> , 1984 , 99-112		23
16	A network pricing game for selfish traffic. <i>Distributed Computing</i> , 2007 , 19, 255-266	1.2	20
15	Cost-Sharing Mechanisms for Network Design. <i>Algorithmica</i> , 2008 , 50, 98-119	0.9	19
14	An $O(n^2(m + N \log n) \log n)$ min-cost flow algorithm. <i>Journal of the ACM</i> , 1988 , 35, 374-386	2	18
13	Econometrics for Learning Agents 2015 ,		17
12	Layered Augmenting Path Algorithms. <i>Mathematics of Operations Research</i> , 1986 , 11, 362-370	1.5	17
11	Load balancing without regret in the bulletin board model. <i>Distributed Computing</i> , 2011 , 24, 21-29	1.2	13
10	Introduction to computer science and economic theory. <i>Journal of Economic Theory</i> , 2015 , 156, 1-13	1.4	12
9	Braess's Paradox, Fibonacci Numbers, and Exponential Inapproximability. <i>Lecture Notes in Computer Science</i> , 2005 , 497-512	0.9	11

8	Approximation Algorithms for a Directed Network Design Problem. <i>Lecture Notes in Computer Science</i> , 1999 , 345-360	0.9	9
7	An $O(n^2(m + n \log n) \log n)$ min-cost flow algorithm 1986 ,		8
6	Load balancing without regret in the bulletin board model 2009 ,		5
5	Smooth Online Mechanisms 2015 ,		3
4	Algorithms as Mechanisms 2015 ,		2
3	Primal-Dual-Based Algorithms for a Directed Network Design Problem. <i>INFORMS Journal on Computing</i> , 2005 , 17, 159-174	2.4	2
2	Richard-Rado-Preis 2020 für Lisa Saueremann. <i>Mitteilungen Der Deutschen Mathematiker-Vereinigung</i> , 2020 , 28, 66-66	0.1	
1	Algorithms as Mechanisms: The Price of Anarchy of Relax and Round. <i>Mathematics of Operations Research</i> , 2021 , 46, 317-335	1.5	