Eva Tardos

List of Publications by Year
in descending order

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Version: 2024-02-01

42 papers	6,108 citations	218381 26 h-index	395343 33 g-index
43 all docs	43 docs citations	43 times ranked	2520 citing authors

#	Article	IF	Citations
1	How bad is selfish routing?. Journal of the ACM, 2002, 49, 236-259.	1.8	1,317
2	Approximation algorithms for scheduling unrelated parallel machines. Mathematical Programming, 1990, 46, 259-271.	1.6	714
3	An approximation algorithm for the generalized assignment problem. Mathematical Programming, 1993, 62, 461-474.	1.6	526
4	A Strongly Polynomial Algorithm to Solve Combinatorial Linear Programs. Operations Research, 1986, 34, 250-256.	1.2	396
5	Fast Approximation Algorithms for Fractional Packing and Covering Problems. Mathematics of Operations Research, 1995, 20, 257-301.	0.8	391
6	The Price of Stability for Network Design with Fair Cost Allocation. SIAM Journal on Computing, 2008, 38, 1602-1623.	0.8	383
7	A strongly polynomial minimum cost circulation algorithm. Combinatorica, 1985, 5, 247-255.	0.6	291
8	A Constant-Factor Approximation Algorithm for the k-Median Problem. Journal of Computer and System Sciences, 2002, 65, 129-149.	0.9	248
9	An application of simultaneous diophantine approximation in combinatorial optimization. Combinatorica, 1987, 7, 49-65.	0.6	239
10	Bounding the inefficiency of equilibria in nonatomic congestion games. Games and Economic Behavior, 2004, 47, 389-403.	0.4	216
11	Frugal path mechanisms. ACM Transactions on Algorithms, 2007, 3, 1-22.	0.9	185
12	Generalized polymatroids and submodular flows. Mathematical Programming, 1988, 42, 489-563.	1.6	123
13	Near-optimal network design with selfish agents. , 2003, , .		117
14	An application of submodular flows. Linear Algebra and Its Applications, 1989, 114-115, 329-348.	0.4	104
15	Combinatorial Algorithms for the Generalized Circulation Problem. Mathematics of Operations Research, 1991, 16, 351-381.	0.8	77
16	An Approximate Truthful Mechanism for Combinatorial Auctions with Single Parameter Agents. Internet Mathematics, 2004, 1, 129-150.	0.7	76
17	Pure and Bayes-Nash Price of Anarchy for Generalized Second Price Auction. , 2010, , .		70
18	Multiplicative updates outperform generic no-regret learning in congestion games. , 2009, , .		65

#	Article	IF	Citations
19	Approximation Algorithms for Steiner and Directed Multicuts. Journal of Algorithms, 1997, 22, 241-269.	0.9	59
20	Bounding the inefficiency of outcomes in generalized second price auctions. Journal of Economic Theory, 2015, 156, 343-388.	0.5	46
21	Note on Weintraubâ€™s Minimum-Cost Circulation Algorithm. SIAM Journal on Computing, 1989, 18, 579-583.	0.8	38
22	Algorithms for a network design problem with crossing supermodular demands. Networks, 2004, 43, 256-265.	1.6	38
23	A network pricing game for selfish traffic. Distributed Computing, 2007, 19, 255-266.	0.7	38
24	Stronger Bounds on Braess's Paradox and the Maximum Latency of Selfish Routing. SIAM Journal on Discrete Mathematics, 2011, 25, 1667-1686.	0.4	38
25	Simple Generalized Maximum Flow Algorithms. Lecture Notes in Computer Science, 1998, , 310-324.	1.0	37
26	Using separation algorithms in fixed dimension. Journal of Algorithms, 1992, 13, 79-98.	0.9	32
27	Covering directed and odd cuts. Mathematical Programming Studies, 1984, , 99-112.	0.8	30
28	Approximating the smallest kâ€edge connected spanning subgraph by LPâ€rounding. Networks, 2009, 53, 345-357.	1.6	30
29	Econometrics for Learning Agents. , 2015, , .		28
30	An O (n 2 (m + N log n)log n) min-cost flow algorithm. Journal of the ACM, 1988, 35, 374-386.	1.8	26
31	Layered Augmenting Path Algorithms. Mathematics of Operations Research, 1986, 11, 362-370.	0.8	24
32	Cost-Sharing Mechanisms for Network Design. Algorithmica, 2008, 50, 98-119.	1.0	20
33	Load balancing without regret in the bulletin board model. Distributed Computing, 2011, 24, 21-29.	0.7	19
34	Introduction to computer science and economic theory. Journal of Economic Theory, 2015, 156, 1-13.	0.5	17
35	Braessâ€™s Paradox, Fibonacci Numbers, and Exponential Inapproximability. Lecture Notes in Computer Science, 2005, , 497-512.	1.0	13
36	An O(n2(m + n log n) log n) min-cost flow algorithm. , 1986, , .		12

#	Article	IF	Citations
37	Load balancing without regret in the bulletin board model. , 2009, , .		6
38	Smooth Online Mechanisms. , 2015, , .		4
39	Primal-Dual-Based Algorithms for a Directed Network Design Problem. INFORMS Journal on Computing, 2005, 17, 159-174.	1.0	3
40	Algorithms as Mechanisms. , 2015, , .		3
41	Algorithms as Mechanisms: The Price of Anarchy of Relax and Round. Mathematics of Operations Research, 2021, 46, 317-335.	0.8	0
42	Richard-Rado-Preis 2020 fÃ¼r Lisa Sauermann. Mitteilungen Der Deutschen Mathematiker-Vereinigung, 2020, 28, 66-66.	0.0	0