

Uriel Feige

List of Publications by Year in descending order

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43
papers

5,307
citations

394286

19
h-index

377752

34
g-index

43
all docs

43
docs citations

43
times ranked

2628
citing authors

#	ARTICLE	IF	CITATIONS
1	Are Gross Substitutes a Substitute for Submodular Valuations?. , 2021, , .		0
2	Target set selection for conservative populations. Discrete Applied Mathematics, 2021, 305, 119-132.	0.5	1
3	Approximate Modularity Revisited. SIAM Journal on Computing, 2020, 49, 67-97.	0.8	1
4	Shotgun assembly of random jigsaw puzzles. Random Structures and Algorithms, 2020, 56, 998-1015.	0.6	5
5	Short tandem repeat stutter model inferred from direct measurement of in vitro stutter noise. Nucleic Acids Research, 2019, 47, 2436-2445.	6.5	15
6	The Ordered Covering Problem. Algorithmica, 2018, 80, 2874-2908.	1.0	0
7	Optimization with Uniform Size Queries. Algorithmica, 2017, 78, 255-273.	1.0	1
8	A greedy approximation algorithm for minimum-gap scheduling. Journal of Scheduling, 2017, 20, 279-292.	1.3	3
9	Approximate modularity revisited. , 2017, , .		0
10	On giant components and treewidth in the layers model. Random Structures and Algorithms, 2016, 48, 524-545.	0.6	1
11	Oblivious Algorithms for the Maximum Directed Cut Problem. Algorithmica, 2015, 71, 409-428.	1.0	9
12	Welfare maximization and the supermodular degree. , 2013, , .		31
13	Santa claus meets hypergraph matchings. ACM Transactions on Algorithms, 2012, 8, 1-9.	0.9	32
14	Maximizing Non-monotone Submodular Functions. SIAM Journal on Computing, 2011, 40, 1133-1153.	0.8	279
15	Buffer Management for Colored Packets with Deadlines. Theory of Computing Systems, 2011, 49, 738-756.	0.7	1
16	Balanced coloring of bipartite graphs. Journal of Graph Theory, 2009, 64, n/a-n/a.	0.5	4
17	On Maximizing Welfare When Utility Functions Are Subadditive. SIAM Journal on Computing, 2009, 39, 122-142.	0.8	102
18	Improved Approximation Algorithms for Minimum Weight Vertex Separators. SIAM Journal on Computing, 2008, 38, 629-657.	0.8	190

#	ARTICLE	IF	CITATIONS
19	Spectral techniques applied to sparse random graphs. <i>Random Structures and Algorithms</i> , 2005, 27, 251-275.	0.6	106
20	Approximating Min Sum Set Cover. <i>Algorithmica</i> , 2004, 40, 219-234.	1.0	114
21	Graphs with Tiny Vector Chromatic Numbers and Huge Chromatic Numbers. <i>SIAM Journal on Computing</i> , 2004, 33, 1338-1368.	0.8	26
22	Approximating Maximum Clique by Removing Subgraphs. <i>SIAM Journal on Discrete Mathematics</i> , 2004, 18, 219-225.	0.4	114
23	Deterministic approximation of the cover time. <i>Random Structures and Algorithms</i> , 2003, 23, 1-22.	0.6	4
24	Approximating the Domatic Number. <i>SIAM Journal on Computing</i> , 2002, 32, 172-195.	0.8	145
25	Error Reduction by Parallel Repetition – A Negative Result. <i>Combinatorica</i> , 2002, 22, 461-478.	0.6	30
26	Improved Bounds for Acyclic Job Shop Scheduling. <i>Combinatorica</i> , 2002, 22, 361-399.	0.6	19
27	Approximating Min-sum Set Cover. <i>Lecture Notes in Computer Science</i> , 2002, , 94-107.	1.0	15
28	Heuristics for Semirandom Graph Problems. <i>Journal of Computer and System Sciences</i> , 2001, 63, 639-671.	0.9	105
29	Finding and certifying a large hidden clique in a semirandom graph. <i>Random Structures and Algorithms</i> , 2000, 16, 195-208.	0.6	114
30	Networks on which hot-potato routing does not livelock. <i>Distributed Computing</i> , 2000, 13, 53-58.	0.7	5
31	Approximating the domatic number. , 2000, , .		16
32	Finding and certifying a large hidden clique in a semirandom graph. , 2000, 16, 195.		12
33	Finding and certifying a large hidden clique in a semirandom graph. <i>Random Structures and Algorithms</i> , 2000, 16, 195.	0.6	5
34	Zero Knowledge and the Chromatic Number. <i>Journal of Computer and System Sciences</i> , 1998, 57, 187-199.	0.9	250
35	A threshold of $\ln n$ for approximating set cover. <i>Journal of the ACM</i> , 1998, 45, 634-652.	1.8	2,240
36	On the hardness of computing the permanent of random matrices. <i>Computational Complexity</i> , 1996, 6, 101-132.	0.2	26

#	ARTICLE	IF	CITATIONS
37	Collecting coupons on trees, and the cover time of random walks. Computational Complexity, 1996, 6, 341-356.	0.2	11
38	Interactive proofs and the hardness of approximating cliques. Journal of the ACM, 1996, 43, 268-292.	1.8	402
39	Derandomized graph products. Computational Complexity, 1995, 5, 60-75.	0.2	101
40	Randomized graph products, chromatic numbers, and Lovasz j-function. , 1995, , .		18
41	One Message Proof Systems with Known Space Verifiers. , 1993, , 85-99.		6
42	Zero-knowledge proofs of identity. Journal of Cryptology, 1988, 1, 77-94.	2.1	747
43	On the path partition number of δ -regular graphs. Journal of Graph Theory, 0, , .	0.5	1