

Yuval Filmus

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

250
citations

1163117

8
h-index

996975

15
g-index

27
all docs

27
docs citations

27
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Monotone Submodular Maximization over a Matroid via Non-Oblivious Local Search. SIAM Journal on Computing, 2014, 43, 514-542.	1.0	61
2	Triangle-intersecting families of graphs. Journal of the European Mathematical Society, 2012, 14, 841-885.	1.4	41
3	Space Complexity in Polynomial Calculus. SIAM Journal on Computing, 2015, 44, 1119-1153.	1.0	33
4	Boolean degree 1 functions on some classical association schemes. Journal of Combinatorial Theory - Series A, 2019, 162, 241-270.	0.8	16
5	An Orthogonal Basis for Functions over a Slice of the Boolean Hypercube. Electronic Journal of Combinatorics, 2016, 23, .	0.4	16
6	Lower bounds for context-free grammars. Information Processing Letters, 2011, 111, 895-898.	0.6	10
7	The weighted complete intersection theorem. Journal of Combinatorial Theory - Series A, 2017, 151, 84-101.	0.8	10
8	A quasi-stability result for dictatorships in S_n . Combinatorica, 2015, 35, 573-618.	1.2	9
9	Harmonicity and invariance on slices of the Boolean cube. Probability Theory and Related Fields, 2019, 175, 721-782.	1.8	9
10	A stability result for balanced dictatorships in S_n . Random Structures and Algorithms, 2015, 46, 494-530.	1.1	6
11	Online submodular maximization: beating $1/2$ made simple. Mathematical Programming, 2020, 183, 149-169.	2.4	6
12	LOW-DEGREE BOOLEAN FUNCTIONS ON S_n , WITH AN APPLICATION TO ISOPERIMETRY. Forum of Mathematics, Sigma, 2017, 5, .	0.7	4
13	Twenty (Short) Questions. Combinatorica, 2019, 39, 597-626.	1.2	4
14	On the spectra of hypermatrix direct sum and Kronecker products constructions. Linear Algebra and Its Applications, 2017, 519, 238-277.	0.9	3
15	Boolean constant degree functions on the slice are juntas. Discrete Mathematics, 2019, 342, 111614.	0.7	3
16	Query-to-Communication Lifting Using Low-Discrepancy Gadgets. SIAM Journal on Computing, 2021, 50, 171-210.	1.0	3
17	Online Submodular Maximization: Beating $1/2$ Made Simple. Lecture Notes in Computer Science, 2019, , 101-114.	1.3	3
18	Title is missing!. Theory of Computing, 2018, 14, 1-73.	0.5	3

#	ARTICLE	IF	CITATIONS
19	On the sum of the L 1 influences of bounded functions. Israel Journal of Mathematics, 2016, 214, 167-192.	0.8	2
20	Analyzing Power in Weighted Voting Games with Super-Increasing Weights. Theory of Computing Systems, 2019, 63, 150-174.	1.1	2
21	More complete intersection theorems. Discrete Mathematics, 2019, 342, 128-142.	0.7	2
22	FKN theorem for the multislice, with applications. Combinatorics Probability and Computing, 2020, 29, 200-212.	1.3	2
23	Inequalities on submodular functions via term rewriting. Information Processing Letters, 2013, 113, 457-464.	0.6	1
24	On the Bhattacharya-Mesner rank of third order hypermatrices. Linear Algebra and Its Applications, 2020, 588, 391-418.	0.9	1
25	Information Complexity of the AND Function in the Two-Party and Multi-party Settings. Algorithmica, 2019, 81, 4200-4237.	1.3	0
26	Another look at degree lower bounds for polynomial calculus. Theoretical Computer Science, 2019, 796, 286-293.	0.9	0
27	Tight Approximation for Unconstrained XOS Maximization. Mathematics of Operations Research, 2021, 46, 1599-1610.	1.3	0