

Raphael Yuster

List of Publications by Year in descending order

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86
papers

1,848
citations

566801

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all docs

86
docs citations

86
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Hamiltonian cycles above expectation in r -graphs and quasi-random r -graphs. Journal of Combinatorial Theory Series B, 2022, 153, 195-222.	0.6	0
2	Paths with many shortcuts in tournaments. Discrete Mathematics, 2021, 344, 112168.	0.4	1
3	Perfect and nearly perfect separation dimension of complete and random graphs. Journal of Combinatorial Designs, 2021, 29, 786-805.	0.3	0
4	Dominant tournament families. Electronic Journal of Combinatorics, 2021, 12, 269-282.	0.1	0
5	Perfect sequence covering arrays. Designs, Codes, and Cryptography, 2020, 88, 585-593.	1.0	10
6	A $2()n$ algorithm for k -cycle in minor-closed graph families. Theoretical Computer Science, 2020, 842, 74-85.	0.5	0
7	Induced subgraphs with many repeated degrees. Discrete Mathematics, 2020, 343, 111828.	0.4	1
8	Acyclic subgraphs with high chromatic number. European Journal of Combinatorics, 2019, 75, 11-18.	0.5	1
9	The removal lemma for tournaments. Journal of Combinatorial Theory Series B, 2019, 136, 110-134.	0.6	4
10	On the exact maximum induced density of almost all graphs and their inducibility. Journal of Combinatorial Theory Series B, 2019, 136, 81-109.	0.6	8
11	Packing without some pieces. Electronic Journal of Combinatorics, 2019, 10, 1-25.	0.1	1
12	The Effect of Local Majority on Global Majority in Connected Graphs. Graphs and Combinatorics, 2018, 34, 1469-1487.	0.2	2
13	The effect of edge weights on clique weights. Linear Algebra and Its Applications, 2017, 515, 298-312.	0.4	0
14	On the Maximum Number of Spanning Copies of an Orientation in a Tournament. Combinatorics Probability and Computing, 2017, 26, 775-796.	0.8	1
15	On the longest path of a randomly weighted tournament. Discrete Applied Mathematics, 2017, 230, 121-132.	0.5	0
16	A tournament approach to pattern avoiding matrices. Israel Journal of Mathematics, 2017, 217, 477-505.	0.4	0
17	A Ramsey type result for oriented trees. European Journal of Combinatorics, 2017, 60, 1-9.	0.5	3
18	On Zero-Sum and Almost Zero-Sum Subgraphs Over \mathbb{Z} . Graphs and Combinatorics, 2016, 32, 49-63.	0.2	8

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19	Unavoidable tournaments. <i>Journal of Combinatorial Theory Series B</i> , 2016, 116, 191-207.	0.6	3
20	Packing edge-disjoint triangles in regular and almost regular tournaments. <i>Discrete Mathematics</i> , 2015, 338, 217-228.	0.4	1
21	On the compatibility of quartet trees. , 2014, , .		0
22	On the Compatibility of Quartet Trees. <i>SIAM Journal on Discrete Mathematics</i> , 2014, 28, 1493-1507.	0.4	4
23	On Minimum Witnesses for Boolean Matrix Multiplication. <i>Algorithmica</i> , 2014, 69, 431-442.	1.0	5
24	Forcing k -Repetitions in Degree Sequences. <i>Electronic Journal of Combinatorics</i> , 2014, 21, .	0.2	2
25	Maximum Matching in Regular and Almost Regular Graphs. <i>Algorithmica</i> , 2013, 66, 87-92.	1.0	14
26	Packing Triangles in Regular Tournaments. <i>Journal of Graph Theory</i> , 2013, 74, 58-66.	0.5	2
27	Large Feedback Arc Sets, High Minimum Degree Subgraphs, and Long Cycles in Eulerian Digraphs. <i>Combinatorics Probability and Computing</i> , 2013, 22, 859-873.	0.8	6
28	Dense Graphs With a Large Triangle Cover Have a Large Triangle Packing. <i>Combinatorics Probability and Computing</i> , 2012, 21, 952-962.	0.8	16
29	Reconstructing Approximate Phylogenetic Trees from Quartet Samples. <i>SIAM Journal on Computing</i> , 2012, 41, 1466-1480.	0.8	8
30	The quasi-randomness of hypergraph cut properties. <i>Random Structures and Algorithms</i> , 2012, 40, 105-131.	0.6	6
31	Approximate shortest paths in weighted graphs. <i>Journal of Computer and System Sciences</i> , 2012, 78, 632-637.	0.9	9
32	Almost Exact Matchings. <i>Algorithmica</i> , 2012, 63, 39-50.	1.0	9
33	A Linear Time Approximation Scheme for Maximum Quartet Consistency on Sparse Sampled Inputs. <i>SIAM Journal on Discrete Mathematics</i> , 2011, 25, 1722-1736.	0.4	4
34	A shortest cycle for each vertex of a graph. <i>Information Processing Letters</i> , 2011, 111, 1057-1061.	0.4	13
35	Hardness and algorithms for rainbow connection. <i>Journal of Combinatorial Optimization</i> , 2011, 21, 330-347.	0.8	110
36	All-Pairs Bottleneck Paths in Vertex Weighted Graphs. <i>Algorithmica</i> , 2011, 59, 621-633.	1.0	9

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37	On graphs and algebraic graphs that do not contain cycles of length 4. Journal of Graph Theory, 2011, 68, 91-102.	0.5	0
38	The rainbow connection of a graph is (at most) reciprocal to its minimum degree. Journal of Graph Theory, 2010, 63, 185-191.	0.5	31
39	Quasi-randomness is determined by the distribution of copies of a fixed graph in equicardinal large sets. Combinatorica, 2010, 30, 239-246.	0.6	8
40	Single source shortest paths in H -minor free graphs. Theoretical Computer Science, 2010, 411, 3042-3047.	0.5	2
41	The effect of induced subgraphs on quasi-randomness. Random Structures and Algorithms, 2010, 36, 90-109.	0.6	7
42	Solving Linear Systems through Nested Dissection. , 2010, , .		6
43	Finding heaviest H -subgraphs in real weighted graphs, with applications. ACM Transactions on Algorithms, 2010, 6, 1-23.	0.9	21
44	Replacement Paths via Fast Matrix Multiplication. , 2010, , .		18
45	Generating a d -dimensional linear subspace efficiently. , 2010, , .		0
46	Disjoint Color-Avoiding Triangles. SIAM Journal on Discrete Mathematics, 2009, 23, 195-204.	0.4	2
47	A Comment on Ryser's Conjecture for Intersecting Hypergraphs. Graphs and Combinatorics, 2009, 25, 101-109.	0.2	12
48	Approximation algorithms and hardness results for the clique packing problem. Discrete Applied Mathematics, 2009, 157, 1396-1406.	0.5	13
49	Large disjoint subgraphs with the same order and size. European Journal of Combinatorics, 2009, 30, 813-821.	0.5	7
50	Efficient algorithms on sets of permutations, dominance, and real-weighted APSP. , 2009, , .		13
51	Packing Transitive Triples in a Tournament. Annals of Combinatorics, 2008, 12, 291-306.	0.3	3
52	Almost Given Length Cycles in Digraphs. Graphs and Combinatorics, 2008, 24, 59-65.	0.2	1
53	On Rainbow Connection. Electronic Journal of Combinatorics, 2008, 15, .	0.2	117
54	Packing Cliques in Graphs with Independence Number 2. Combinatorics Probability and Computing, 2007, 16, 805.	0.8	2

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55	Fractional decompositions of dense hypergraphs. <i>Bulletin of the London Mathematical Society</i> , 2007, 39, 156-166.	0.4	4
56	Combinatorial and computational aspects of graph packing and graph decomposition. <i>Computer Science Review</i> , 2007, 1, 12-26.	10.2	48
57	Packing directed cycles efficiently. <i>Discrete Applied Mathematics</i> , 2007, 155, 82-91.	0.5	7
58	Approximation algorithms and hardness results for the clique packing problem. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 29, 397-401.	0.4	1
59	The Number Of Orientations Having No Fixed Tournament. <i>Combinatorica</i> , 2006, 26, 1-16.	0.6	23
60	Mean Ramsey-Turán numbers. <i>Journal of Graph Theory</i> , 2006, 53, 126-134.	0.5	0
61	On a Hypergraph Matching Problem. <i>Graphs and Combinatorics</i> , 2005, 21, 377-384.	0.2	21
62	Packing 4-Cycles in Eulerian and Bipartite Eulerian Tournaments with an Application to Distances in Interchange Graphs. <i>Annals of Combinatorics</i> , 2005, 9, 117-124.	0.3	2
63	Asymptotically optimal k -packings of dense graphs via fractional k -decompositions. <i>Journal of Combinatorial Theory Series B</i> , 2005, 95, 1-11.	0.6	23
64	Integer and fractional packing of families of graphs. <i>Random Structures and Algorithms</i> , 2005, 26, 110-118.	0.6	23
65	Families of Trees Decompose the Random Graph in an Arbitrary Way. <i>Combinatorics Probability and Computing</i> , 2004, 13, 893-910.	0.8	1
66	Tiling Transitive Tournaments and Their Blow-ups. <i>Order</i> , 2003, 20, 121-133.	0.3	4
67	A Coding Theory Bound and Zero-Sum Square Matrices. <i>Graphs and Combinatorics</i> , 2003, 19, 449-457.	0.2	0
68	Second Neighborhood via First Neighborhood in Digraphs. <i>Annals of Combinatorics</i> , 2003, 7, 15-20.	0.3	17
69	Zero-sum Square Matrices. <i>European Journal of Combinatorics</i> , 2002, 23, 489-497.	0.5	5
70	The decomposition threshold for bipartite graphs with minimum degree one. <i>Random Structures and Algorithms</i> , 2002, 21, 121-134.	0.6	10
71	Large Monotone Paths in Graphs with Bounded Degree. <i>Graphs and Combinatorics</i> , 2001, 17, 579-587.	0.2	12
72	Dominating a Family of Graphs with Small Connected Subgraphs. <i>Combinatorics Probability and Computing</i> , 2000, 9, 309-313.	0.8	13

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73	Packing and Decomposition of Graphs with Trees. Journal of Combinatorial Theory Series B, 2000, 78, 123-140.	0.6	13
74	Decomposing Hypergraphs into Simple Hypertrees. Combinatorica, 2000, 20, 119-140.	0.6	6
75	Decomposing large graphs with small graphs of high density. Journal of Graph Theory, 1999, 32, 27-40.	0.5	1
76	Packing and covering dense graphs. Journal of Combinatorial Designs, 1998, 6, 451-472.	0.3	11
77	The characterization of zero-sum (mod 2) bipartite Ramsey numbers. Journal of Graph Theory, 1998, 29, 151-166.	0.5	10
78	Tree decomposition of graphs. Random Structures and Algorithms, 1998, 12, 237-251.	0.6	10
79	Independent Transversals and Independent Coverings in Sparse Partite Graphs. Combinatorics Probability and Computing, 1997, 6, 115-125.	0.8	5
80	Finding Even Cycles Even Faster. SIAM Journal on Discrete Mathematics, 1997, 10, 209-222.	0.4	57
81	Packing Graphs: The Packing Problem Solved. Electronic Journal of Combinatorics, 1997, 4, .	0.2	14
82	The number of edge colorings with no monochromatic triangle. Journal of Graph Theory, 1996, 21, 441-452.	0.5	38
83	H-Factors in Dense Graphs. Journal of Combinatorial Theory Series B, 1996, 66, 269-282.	0.6	112
84	Color-coding. Journal of the ACM, 1995, 42, 844-856.	1.8	807
85	Threshold Functions for H -factors. Combinatorics Probability and Computing, 1993, 2, 137-144.	0.8	26
86	On the quartet distance given partial information. Journal of Graph Theory, 0, , .	0.5	0