

# Xingxing Yu

## List of Publications by Year in descending order

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81  
papers

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citations

567281

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h-index

552781

26  
g-index

81  
all docs

81  
docs citations

81  
times ranked

450  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the rainbow matching conjecture for 3-uniform hypergraphs. <i>Science China Mathematics</i> , 2022, 65, 2423-2440.	1.7	8
2	A Note on Exact Minimum Degree Threshold for Fractional Perfect Matchings. <i>Graphs and Combinatorics</i> , 2022, 38, 1.	0.4	0
3	Counting Hamiltonian cycles in planar triangulations. <i>Journal of Combinatorial Theory Series B</i> , 2022, 155, 256-277.	1.0	2
4	Rainbow Perfect Matchings for 4-Uniform Hypergraphs. <i>SIAM Journal on Discrete Mathematics</i> , 2022, 36, 1645-1662.	0.8	4
5	Nearly Perfect Matchings in Uniform Hypergraphs. <i>SIAM Journal on Discrete Mathematics</i> , 2021, 35, 1022-1049.	0.8	5
6	Wheels in planar graphs and Hajó's graphs. <i>Journal of Graph Theory</i> , 2021, 98, 179-194.	0.9	0
7	Partitioning digraphs with outdegree at least 4. <i>Journal of Graph Theory</i> , 2021, 98, 604-622.	0.9	3
8	Rainbow matchings for 3-uniform hypergraphs. <i>Journal of Combinatorial Theory - Series A</i> , 2021, 183, 105489.	0.8	7
9	A bound on judicious bipartitions of directed graphs. <i>Science China Mathematics</i> , 2020, 63, 297-308.	1.7	5
10	7-Connected graphs are 4-ordered. <i>Journal of Combinatorial Theory Series B</i> , 2020, 141, 115-135.	1.0	3
11	The Kelmans-Seymour conjecture II: 2-Vertices in $K_{4,4}$ . <i>Journal of Combinatorial Theory Series B</i> , 2020, 144, 225-264.		
12	The Kelmans-Seymour conjecture I: Special separations. <i>Journal of Combinatorial Theory Series B</i> , 2020, 144, 197-224.	1.0	4
13	The Kelmans-Seymour conjecture III: 3-vertices in $K_{4,4}$ . <i>Journal of Combinatorial Theory Series B</i> , 2020, 144, 265-308.		
14	The Kelmans-Seymour conjecture IV: A proof. <i>Journal of Combinatorial Theory Series B</i> , 2020, 144, 309-358.	1.0	4
15	Approximation algorithms for constructing required subgraphs using stock pieces of fixed length. <i>Journal of Combinatorial Optimization</i> , 2020, , 1.	1.3	0
16	On problems about judicious bipartitions of graphs. <i>Journal of Combinatorial Theory Series B</i> , 2019, 139, 230-250.	1.0	3
17	Minimum codegree condition for perfect matchings in $k$ -partite $k$ -graphs. <i>Journal of Graph Theory</i> , 2019, 92, 207-229.	0.9	2
18	Graph-Based Resource Sharing in Vehicular Communication. <i>IEEE Transactions on Wireless Communications</i> , 2018, 17, 4579-4592.	9.2	120

#	ARTICLE	IF	CITATIONS
19	Disjoint perfect matchings in $\epsilon$ -uniform hypergraphs. <i>Journal of Graph Theory</i> , 2018, 88, 284-293.	0.9	0
20	Bisections of Graphs Without Short Cycles. <i>Combinatorics Probability and Computing</i> , 2018, 27, 44-59.	1.3	14
21	Graph-Based Radio Resource Management for Vehicular Networks. , 2018, , .		22
22	Induced forests in bipartite planar graphs. <i>Electronic Journal of Combinatorics</i> , 2017, 8, 93-166.	0.1	0
23	Graphs Containing Topological $H$ . <i>Journal of Graph Theory</i> , 2016, 82, 121-153.	0.9	1
24	On judicious bipartitions of graphs. <i>Combinatorica</i> , 2016, 36, 537-556.	1.2	15
25	On a Coloring Conjecture of Hajos. <i>Graphs and Combinatorics</i> , 2016, 32, 351-361.	0.4	1
26	Nonseparating Cycles Avoiding Specific Vertices. <i>Journal of Graph Theory</i> , 2015, 80, 253-267.	0.9	1
27	On Tight Components and Anti-Tight Components. <i>Graphs and Combinatorics</i> , 2015, 31, 2293-2297.	0.4	9
28	Subdivisions of $K_5$ in graphs containing $K_{2,3}$ . <i>Journal of Combinatorial Theory Series B</i> , 2015, 113, 18-67.	1.0	4
29	An SDP randomized approximation algorithm for max hypergraph cut with limited unbalance. <i>Science China Mathematics</i> , 2014, 57, 2437-2462.	1.7	5
30	On judicious bisections of graphs. <i>Journal of Combinatorial Theory Series B</i> , 2014, 106, 30-69.	1.0	30
31	Approximate min-max relations on plane graphs. <i>Journal of Combinatorial Optimization</i> , 2013, 26, 127-134.	1.3	4
32	in graphs containing $K$ . <i>Journal of Combinatorial Theory Series B</i> , 2013, 103, 713-732.	1.0	9
33	The circumference of a graph with no $K$ . <i>Journal of Combinatorial Theory Series B</i> , 2012, 102, 1211-1240.	1.0	4
34	Maximum Directed Cuts in Graphs with Degree Constraints. <i>Graphs and Combinatorics</i> , 2012, 28, 563-574.	0.4	2
35	Upper bounds on minimum balanced bipartitions. <i>Discrete Mathematics</i> , 2012, 312, 1077-1083.	0.7	9
36	Partitioning 3-uniform hypergraphs. <i>Journal of Combinatorial Theory Series B</i> , 2012, 102, 212-232.	1.0	12

#	ARTICLE	IF	CITATIONS
37	Approximating the chromatic index of multigraphs. Journal of Combinatorial Optimization, 2011, 21, 219-246.	1.3	10
38	Better Bounds for $k$ -Partitions of Graphs. Combinatorics Probability and Computing, 2011, 20, 631-640.	1.3	27
39	Balanced judicious bipartitions of graphs. Journal of Graph Theory, 2010, 63, 210-225.	0.9	4
40	Maximum IPP Codes of Length 3. Annals of Combinatorics, 2010, 13, 491-510.	0.6	0
41	Independent paths and $K_{5}$ -subdivisions. Journal of Combinatorial Theory Series B, 2010, 100, 600-616.		13
42	On several partitioning problems of Bollobás and Scott. Journal of Combinatorial Theory Series B, 2010, 100, 631-649.	1.0	29
43	Bounds for pairs in partitions of graphs. Discrete Mathematics, 2010, 310, 2069-2081.	0.7	7
44	A note on balanced bipartitions. Discrete Mathematics, 2010, 310, 2613-2617.	0.7	20
45	On a bipartition problem of Bollobás and Scott. Combinatorica, 2009, 29, 595-618.	1.2	1
46	Hamilton circles in infinite planar graphs. Journal of Combinatorial Theory Series B, 2009, 99, 110-138.	1.0	10
47	Judicious $k$ -partitions of graphs. Journal of Combinatorial Theory Series B, 2009, 99, 324-337.	1.0	25
48	Triangle-free subcubic graphs with minimum bipartite density. Journal of Combinatorial Theory Series B, 2008, 98, 516-537.	1.0	23
49	Infinite paths in planar graphs $V$ , $\infty$ -divisible graphs. Journal of Graph Theory, 2008, 57, 275-312.	0.9	3
50	Hamilton Cycles in Planar Locally Finite Graphs. SIAM Journal on Discrete Mathematics, 2008, 22, 1381-1392.	0.8	14
51	Contractible subgraphs in $k$ -connected graphs. Journal of Graph Theory, 2007, 55, 121-136.	0.9	2
52	On the reconstruction of planar graphs. Journal of Combinatorial Theory Series B, 2007, 97, 745-756.	1.0	8
53	Truncation for Low-Complexity MIMO Signal Detection. IEEE Transactions on Information Theory, 2007, 53, 1564-1571.	2.4	13
54	Reducing Hajós' 4-coloring conjecture to 4-connected graphs. Journal of Combinatorial Theory Series B, 2006, 96, 482-492.	1.0	9



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73	Subdivisions in Planar Graphs. Journal of Combinatorial Theory Series B, 1998, 72, 10-52.	1.0	10
74	Five-Connected Toroidal Graphs Are Hamiltonian. Journal of Combinatorial Theory Series B, 1997, 69, 79-96.	1.0	29
75	Spanning paths in infinite planar graphs. Journal of Graph Theory, 1996, 23, 163-174.	0.9	8
76	Non-separating cycles and discrete Jordan curves. Journal of Combinatorial Theory Series B, 1992, 54, 142-154.	1.0	4
77	On the cycle-isomorphism of graphs. Journal of Graph Theory, 1991, 15, 19-27.	0.9	1
78	Ulysses: a robust, low-diameter, low-latency peer-to-peer network. , 0, , .		35
79	Bi-truncation for simplified MIMO signal detection. , 0, , .		9
80	1-line minimum rectilinear steiner trees and related problems. Journal of Combinatorial Optimization, 0, , 1.	1.3	0
81	4â€œSeparations in HajÃ³s graphs. Journal of Graph Theory, 0, , .	0.9	0