

Ronald Graham

List of Publications by Year in descending order

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50
papers

483
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687363

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752698

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g-index

51
all docs

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docs citations

51
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Apollonian Circle Packings: Geometry and Group Theory I. The Apollonian Group. <i>Discrete and Computational Geometry</i> , 2005, 34, 547-585.	0.6	52
2	Juggling Drops and Descents. <i>American Mathematical Monthly</i> , 1994, 101, 507-519.	0.3	46
3	Sparse Quasi-Random Graphs. <i>Combinatorica</i> , 2002, 22, 217-244.	1.2	43
4	Apollonian Circle Packings: Geometry and Group Theory II. Super-Apollonian Group and Integral Packings. <i>Discrete and Computational Geometry</i> , 2006, 35, 1-36.	0.6	29
5	On Bipartite Graphs with Linear Ramsey Numbers. <i>Combinatorica</i> , 2001, 21, 199-209.	1.2	24
6	Apollonian Circle Packings: Geometry and Group Theory III. Higher Dimensions. <i>Discrete and Computational Geometry</i> , 2006, 35, 37-72.	0.6	24
7	Parallelism versus Memory Allocation in Pipelined Router Forwarding Engines. <i>Theory of Computing Systems</i> , 2006, 39, 829-849.	1.1	23
8	Quasi-random graphs with given degree sequences. <i>Random Structures and Algorithms</i> , 2008, 32, 1-19.	1.1	23
9	Juggling Drops and Descents. <i>American Mathematical Monthly</i> , 1994, 101, 507.	0.3	20
10	Single-processor scheduling with time restrictions. <i>Journal of Scheduling</i> , 2014, 17, 399-403.	1.9	18
11	Primitive Juggling Sequences. <i>American Mathematical Monthly</i> , 2008, 115, 185-194.	0.3	15
12	Descent polynomials for permutations with bounded drop size. <i>European Journal of Combinatorics</i> , 2010, 31, 1853-1867.	0.8	15
13	The Elementary Proof of the Prime Number Theorem. <i>Mathematical Intelligencer</i> , 2009, 31, 18-23.	0.2	14
14	A note on the binomial drop polynomial of a poset. <i>Journal of Combinatorial Theory - Series A</i> , 1994, 66, 321-326.	0.8	11
15	Enumerating split-pair arrangements. <i>Journal of Combinatorial Theory - Series A</i> , 2008, 115, 293-303.	0.8	11
16	Worst-case analysis of the LPT algorithm for single processor scheduling with time restrictions. <i>OR Spectrum</i> , 2016, 38, 531-540.	3.4	9
17	Packing equal squares into a large square. <i>Journal of Combinatorial Theory - Series A</i> , 2009, 116, 1167-1175.	0.8	8
18	Minimum perimeter rectangles that enclose congruent non-overlapping circles. <i>Discrete Mathematics</i> , 2009, 309, 1947-1962.	0.7	8

#	ARTICLE	IF	CITATIONS
19	Enumerating (Multiplex) Juggling Sequences. <i>Annals of Combinatorics</i> , 2010, 13, 413-424.	0.6	8
20	Oblivious and Adaptive Strategies for the Majority and Plurality Problems. <i>Algorithmica</i> , 2007, 48, 147-157.	1.3	7
21	Parking distributions on trees. <i>European Journal of Combinatorics</i> , 2017, 65, 168-185.	0.8	7
22	Maximally Nontransitive Dice. <i>American Mathematical Monthly</i> , 2018, 125, 387-399.	0.3	7
23	Generalized de Bruijn Cycles. <i>Annals of Combinatorics</i> , 2004, 8, 13-25.	0.6	6
24	Finding Patterns Avoiding Many Monochromatic Constellations. <i>Experimental Mathematics</i> , 2010, 19, 399-411.	0.7	6
25	Card guessing with partial feedback. <i>Combinatorics Probability and Computing</i> , 2022, 31, 1-20.	1.3	6
26	Timing Model Reduction for Hierarchical Timing Analysis. <i>IEEE/ACM International Conference on Computer-Aided Design, Digest of Technical Papers</i> , 2006, , .	0.0	5
27	Irreducible Apollonian Configurations and Packings. <i>Discrete and Computational Geometry</i> , 2010, 44, 487-507.	0.6	4
28	Tiling Polygons with Lattice Triangles. <i>Discrete and Computational Geometry</i> , 2010, 44, 896-903.	0.6	4
29	Hypercube orientations with only two in-degrees. <i>Journal of Combinatorial Theory - Series A</i> , 2011, 118, 1695-1702.	0.8	4
30	Guessing about Guessing: Practical Strategies for Card Guessing with Feedback. <i>American Mathematical Monthly</i> , 2022, 129, 607-622.	0.3	4
31	Inversion-descent polynomials for restricted permutations. <i>Journal of Combinatorial Theory - Series A</i> , 2013, 120, 366-378.	0.8	3
32	Unseparated pairs and fixed points in random permutations. <i>Advances in Applied Mathematics</i> , 2014, 61, 102-124.	0.7	3
33	On the discrepancy of circular sequences of reals. <i>Journal of Number Theory</i> , 2016, 164, 52-65.	0.4	3
34	ORIGAMI RINGS. <i>Journal of the Australian Mathematical Society</i> , 2012, 92, 299-311.	0.4	2
35	The Mathematics of the Flip and Horseshoe Shuffles. <i>American Mathematical Monthly</i> , 2016, 123, 542.	0.3	2
36	Bus Matrix Synthesis Based on Steiner Graphs for Power Efficient System-on-Chip Communications. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2011, 30, 167-179.	2.7	1

#	ARTICLE	IF	CITATIONS
37	A note on marking lines in $[k]$ n. Designs, Codes, and Cryptography, 2012, 65, 165-175.	1.6	1
38	CONSTRUCTING POINTS THROUGH FOLDING AND INTERSECTION. International Journal of Computational Geometry and Applications, 2013, 23, 49-64.	0.5	1
39	Unrolling Residues to Avoid Progressions. Mathematics Magazine, 2014, 87, 83-94.	0.1	1
40	Inserting Plus Signs and Adding. American Mathematical Monthly, 2016, 123, 274.	0.3	1
41	Well dispersed sequences in $[0,1]$. Journal of Number Theory, 2018, 189, 1-24.	0.4	1
42	Permutations Resilient to Deletions. Annals of Combinatorics, 2018, 22, 673-680.	0.6	1
43	Efficient Packings of Unit Squares in a Large Square. Discrete and Computational Geometry, 2020, 64, 690-699.	0.6	1
44	Slow Fibonacci walks. Journal of Number Theory, 2020, 210, 142-170.	0.4	1
45	Subdivision Using Angle Bisectors Is Dense in the Space of Triangles. American Mathematical Monthly, 2013, 120, 622.	0.3	0
46	An interstice relationship for flowers with four petals. Journal of Geometry, 2013, 104, 421-438.	0.4	0
47	Sum sequences modulo n . Journal of Combinatorial Theory - Series A, 2018, 158, 290-314.	0.8	0
48	Is Randomness Necessary?. , 2011, , 3-5.		0
49	Preface to the John Selfridge Memorial Issue. Integers, 2012, 12, .	0.3	0
50	Juggling card sequences. Electronic Journal of Combinatorics, 2017, 8, 507-539.	0.1	0