Luke Postle

List of Publications by Year
in descending order

28	229	1307594 7	1058476 14
papers	citations	h-index	g-index

29	29	29	94
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Correspondence coloring and its application to list-coloring planar graphs without cycles of lengths 4 to 8. Journal of Combinatorial Theory Series B, 2018, 129, 38-54.	1.0	112
2	Colouring graphs with sparse neighbourhoods: Bounds and applications. Journal of Combinatorial Theory Series B, 2022, 155, 278-317.	1.0	14
3	Density of 5/2-critical graphs. Combinatorica, 2017, 37, 863-886.	1.2	11
4	A local epsilon version of Reed's Conjecture. Journal of Combinatorial Theory Series B, 2020, 141, 181-222.	1.0	10
5	Hyperbolic families and coloring graphs on surfaces. Transactions of the American Mathematical Society Series B, 2018, 5, 167-221.	1.1	10
6	On the clique number of the square of a line graph and its relation to maximum degree of the line graph. Journal of Graph Theory, 2019, 92, 261-274.	0.9	8
7	List coloring with requests. Journal of Graph Theory, 2019, 92, 191-206.	0.9	8
8	Modified linear programming and class 0 bounds for graph pebbling. Journal of Combinatorial Optimization, 2017, 34, 114-132.	1.3	6
9	Pebbling Graphs of Diameter Three and Four. Journal of Graph Theory, 2013, 72, 398-417.	0.9	5
10	Sub-exponentially many 3-colorings of triangle-free planar graphs. Journal of Combinatorial Theory Series B, 2013, 103, 706-712.	1.0	5
11	Five-list-coloring graphs on surfaces II. A linear bound for critical graphs in a disk. Journal of Combinatorial Theory Series B, 2016, 119, 42-65.	1.0	5
12	5-list-coloring planar graphs with distant precolored vertices. Journal of Combinatorial Theory Series B, 2017, 122, 311-352.	1.0	5
13	On the List Coloring Version of Reed's Conjecture. Electronic Notes in Discrete Mathematics, 2017, 61, 343-349.	0.4	4
14	On the Density of C7-Critical Graphs. Combinatorica, 2022, 42, 253-300.	1.2	4
15	Exponentially many 4â€listâ€colorings of triangleâ€free graphs on surfaces. Journal of Graph Theory, 2018, 87, 230-238.	0.9	3
16	The list linear arboricity of graphs. Journal of Graph Theory, 2021, 98, 125-140.	0.9	3
17	Asymptotically good edge correspondence colourings. Journal of Graph Theory, 2022, 100, 559-577.	0.9	3
18	Pebbling Graphs of Fixed Diameter. Journal of Graph Theory, 2014, 75, 302-310.	0.9	2

#	Article	IF	Citations
19	Characterizing 4-critical graphs with Ore-degree at most seven. Journal of Combinatorial Theory Series B, 2018, 129, 107-147.	1.0	2
20	Bounded diameter arboricity. Journal of Graph Theory, 2019, 90, 629-641.	0.9	2
21	On the Minimum Edge-Density of 5-Critical Triangle-Free Graphs. Electronic Notes in Discrete Mathematics, 2015, 49, 667-673.	0.4	1
22	On the Minimum Edge-Density of 4-Critical Graphs of Girth Five. Journal of Graph Theory, 2017, 86, 387-405.	0.9	1
23	Reconstruction of infinite matroids from their 3-connected minors. European Journal of Combinatorics, 2018, 67, 126-144.	0.8	1
24	Random 4-regular graphs have 3-star decompositions asymptotically almost surely. European Journal of Combinatorics, 2018, 72, 97-111.	0.8	1
25	3-List-coloring graphs of girth at least five on surfaces. Journal of Combinatorial Theory Series B, 2021, 147, 1-36.	1.0	1
26	Structure in sparse k-critical graphs. Journal of Combinatorial Theory Series B, 2022, 156, 194-222.	1.0	1
27	On Star Decompositions of Random Regular Graphs. Electronic Notes in Discrete Mathematics, 2017, 61, 339-342.	0.4	0
28	Bounding the number of cycles in a graph in terms of its degree sequence. European Journal of Combinatorics, 2021, 91, 103206.	0.8	0