# 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 | Asymptotically good edge correspondence colourings. Journal of Graph Theory, 2022, 100, 559-577. | 0.9 | 3 |
| 2 | On the Density of C7-Critical Graphs. Combinatorica, 2022, 42, 253-300. | 1.2 | 4 |
| 3 | Colouring graphs with sparse neighbourhoods: Bounds and applications. Journal of Combinatorial Theory Series B, 2022, 155, 278-317. | 1.0 | 14 |
| 4 | Structure in sparse k-critical graphs. Journal of Combinatorial Theory Series B, 2022, 156, 194-222. | 1.0 | 1 |
| 5 | Bounding the number of cycles in a graph in terms of its degree sequence. European Journal of Combinatorics, 2021, 91, 103206. | 0.8 | 0 |
| 6 | 3-List-coloring graphs of girth at least five on surfaces. Journal of Combinatorial Theory Series B, 2021, 147, 1-36. | 1.0 | 1 |
| 7 | The list linear arboricity of graphs. Journal of Graph Theory, 2021, 98, 125-140. | 0.9 | 3 |
| 8 | A local epsilon version of Reed's Conjecture. Journal of Combinatorial Theory Series B, 2020, 141, 181-222. | 1.0 | 10 |
| 9 | 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 |
| 10 | List coloring with requests. Journal of Graph Theory, 2019, 92, 191-206. | 0.9 | 8 |
| 11 | Bounded diameter arboricity. Journal of Graph Theory, 2019, 90, 629-641. | 0.9 | 2 |
| 12 | Characterizing 4-critical graphs with Ore-degree at most seven. Journal of Combinatorial Theory Series B, 2018, 129, 107-147. | 1.0 | 2 |
| 13 | Reconstruction of infinite matroids from their 3-connected minors. European Journal of Combinatorics, 2018, 67, 126-144. | 0.8 | 1 |
| 14 | 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 |
| 15 | Exponentially many 4â€listâ€colorings of triangleâ€free graphs on surfaces. Journal of Graph Theory, 2018, 87, 230-238. | 0.9 | 3 |
| 16 | Random 4-regular graphs have 3-star decompositions asymptotically almost surely. European Journal of Combinatorics, 2018, 72, 97-111. | 0.8 | 1 |
| 17 | Hyperbolic families and coloring graphs on surfaces. Transactions of the American Mathematical Society Series B, 2018, 5, 167-221. | 1.1 | 10 |
| 18 | On Star Decompositions of Random Regular Graphs. Electronic Notes in Discrete Mathematics, 2017, 61, 339-342. | 0.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Density of 5/2-critical graphs. Combinatorica, 2017, 37, 863-886. | 1.2 | 11 |
| 20 | On the Minimum Edge-Density of 4-Critical Graphs of Girth Five. Journal of Graph Theory, 2017, 86, 387-405. | 0.9 | 1 |
| 21 | On the List Coloring Version of Reed's Conjecture. Electronic Notes in Discrete Mathematics, 2017, 61, 343-349. | 0.4 | 4 |
| 22 | 5-list-coloring planar graphs with distant precolored vertices. Journal of Combinatorial Theory Series B, 2017, 122, 311-352. | 1.0 | 5 |
| 23 | Modified linear programming and class 0 bounds for graph pebbling. Journal of Combinatorial Optimization, 2017, 34, 114-132. | 1.3 | 6 |
| 24 | 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 |
| 25 | On the Minimum Edge-Density of 5-Critical Triangle-Free Graphs. Electronic Notes in Discrete Mathematics, 2015, 49, 667-673. | 0.4 | 1 |
| 26 | Pebbling Graphs of Fixed Diameter. Journal of Graph Theory, 2014, 75, 302-310. | 0.9 | 2 |
| 27 | Pebbling Graphs of Diameter Three and Four. Journal of Graph Theory, 2013, 72, 398-417. | 0.9 | 5 |
| 28 | Sub-exponentially many 3-colorings of triangle-free planar graphs. Journal of Combinatorial Theory Series B, 2013, 103, 706-712. | 1.0 | 5 |