David Ellis

List of Publications by Year
in descending order

27 papers	274 citations	1307594 7 h-index	940533 16 g-index
28 all docs	28 docs citations	28 times ranked	96 citing authors

#	Article	IF	Citations
1	Pooled Testing and Its Applications in the COVID-19 Pandemic. Springer Actuarial, 2022, , 217-249.	0.4	6
2	Approximation by juntas in the symmetric group, and forbidden intersection problems. Duke Mathematical Journal, 2022, 171, .	1.5	1
3	On symmetric intersecting families. European Journal of Combinatorics, 2020, 86, 103094.	0.8	3
4	Smallest cyclically covering subspaces of Fqn, and lower bounds in Isbellâ€™s conjecture. European Journal of Combinatorics, 2019, 81, 242-255.	0.8	1
5	On the union of intersecting families. Combinatorics Probability and Computing, 2019, 28, 826-839.	1.3	2
6	Stability versions of ErdÅ‘sâ€"Koâ€"Rado type theorems via isoperimetry. Journal of the European Mathematical Society, 2019, 21, 3857-3902.	1.4	12
7	On a biased edge isoperimetric inequality for the discrete cube. Journal of Combinatorial Theory - Series A, 2019, 163, 118-162.	0.8	3
8	An isoperimetric inequality for antipodal subsets of the discrete cube. European Journal of Combinatorics, 2018, 70, 149-154.	0.8	0
9	On symmetric 3-wise intersecting families. Proceedings of the American Mathematical Society, 2017, 145, 2843-2847.	0.8	4
10	LOW-DEGREE BOOLEAN FUNCTIONS ON , WITH AN APPLICATION TO ISOPERIMETRY. Forum of Mathematics, Sigma, 2017, 5, .	0.7	4
11	ON THE STRUCTURE OF GRAPHS WHICH ARE LOCALLY INDISTINGUISHABLE FROM A LATTICE. Forum of Mathematics, Sigma, 2016, 4, .	0.7	3
12	Juntas in theâ„"1-grid and Lipschitz maps between discrete tori. Random Structures and Algorithms, 2016, 49, 253-279.	1.1	2
13	A stability result for balanced dictatorships in S$_n$. Random Structures and Algorithms, 2015, 46, 494-530.	1.1	6
14	A quasi-stability result for dictatorships in S n. Combinatorica, 2015, 35, 573-618.	1.2	9
15	Forbidding just one intersection, for permutations. Journal of Combinatorial Theory - Series A, 2014, 126, 136-165.	0.8	6
16	A proof of the Cameron-Ku conjecture. Journal of the London Mathematical Society, 2012, 85, 165-190.	1.0	19
17	Triangle-intersecting families of graphs. Journal of the European Mathematical Society, 2012, 14, 841-885.	1.4	41
18	Setwise intersecting families of permutations. Journal of Combinatorial Theory - Series A, 2012, 119, 825-849.	0.8	19

#	Article	IF	Citations
19	Generating all subsets of a finite set with disjoint unions. Journal of Combinatorial Theory - Series A, 2011, 118, 2319-2345.	0.8	3
20	Stability for t-intersecting families of permutations. Journal of Combinatorial Theory - Series A, 2011, 118, 208-227.	0.8	20
21	Almost Isoperimetric Subsets of the Discrete Cube. Combinatorics Probability and Computing, 2011, 20, 363-380.	1.3	14
22	Irredundant families of subcubes. Mathematical Proceedings of the Cambridge Philosophical Society, 2011, 150, 257-272.	0.4	2
23	Intersecting families of permutations. Journal of the American Mathematical Society, 2011, 24, 649-682.	3.9	81
24	Note on Generating All Subsets of a Finite Set with Disjoint Unions. Electronic Journal of Combinatorics, 2009, 16, .	0.4	1
25	Modelling pooling strategies for SARS-CoV-2 testing in a university setting. Wellcome Open Research, 0, 6, 70.	1.8	2
26	Geometric stability via information theory. Discrete Analysis, 0, , .	2.8	5
27	On the structure of subsets of the discrete cube with small edge boundary. Discrete Analysis, 0, , .	2.8	3