

Oriol Serra AlbÃ³

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The multicolored graph realization problem. <i>Discrete Applied Mathematics</i> , 2022, , .	0.9	0
2	On Motzkin's Problem in the Circle Group. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2021, 314, 44-63.	0.3	0
3	Triangulations and a Discrete Brunn-Minkowski Inequality in the Plane. <i>Discrete and Computational Geometry</i> , 2020, 64, 396-426.	0.6	2
4	Sidon set systems. <i>Revista Matemática Iberoamericana</i> , 2020, 36, 1527-1548.	0.9	2
5	Luminescence studies of new [C,N,N] cyclometallated platinum(ii) and platinum(iv) compounds. <i>New Journal of Chemistry</i> , 2019, 43, 1247-1256.	2.8	8
6	Revisiting Kneser's Theorem for Field Extensions. <i>Combinatorica</i> , 2018, 38, 759-777.	1.2	6
7	On a Problem by Shapozenko on Johnson Graphs. <i>Graphs and Combinatorics</i> , 2018, 34, 947-964.	0.4	0
8	Rainbow spanning subgraphs in bounded edge-colourings of graphs with large minimum degree. <i>Electronic Notes in Discrete Mathematics</i> , 2017, 61, 199-205.	0.4	5
9	An analogue of Vosper's theorem for extension fields. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2017, 163, 423-452.	0.4	20
10	Counting configuration-free sets in groups. <i>European Journal of Combinatorics</i> , 2017, 66, 281-307.	0.8	3
11	Rainbow perfect matchings in r -partite graph structures. <i>Electronic Notes in Discrete Mathematics</i> , 2016, 54, 193-198.	0.4	1
12	Counting configuration-free sets in groups. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 49, 549-557.	0.4	0
13	On Sumsets and Convex Hull. <i>Discrete and Computational Geometry</i> , 2014, 52, 705-729.	0.6	7
14	On the number of monochromatic solutions of integer linear systems on abelian groups. <i>European Journal of Combinatorics</i> , 2014, 35, 459-473.	0.8	5
15	Counting patterns in colored orthogonal arrays. <i>Discrete Mathematics</i> , 2014, 317, 44-52.	0.7	0
16	Yahya Ould Hamidoune's mathematical journey: A critical review of his work. <i>European Journal of Combinatorics</i> , 2013, 34, 1207-1222.	0.8	2
17	A structure theorem for small sumsets in nonabelian groups. <i>European Journal of Combinatorics</i> , 2013, 34, 1436-1453.	0.8	0
18	Inverse Additive Problems for Minkowski Sumsets II. <i>Journal of Geometric Analysis</i> , 2013, 23, 395-414.	1.0	4

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19	On the removal lemma for linear systems over Abelian groups. <i>European Journal of Combinatorics</i> , 2013, 34, 248-259.	0.8	11
20	Rainbow Perfect Matchings in Complete Bipartite Graphs: Existence and Counting. <i>Combinatorics Probability and Computing</i> , 2013, 22, 783-799.	1.3	8
21	On the cardinality of sumsets in torsion-free groups. <i>Bulletin of the London Mathematical Society</i> , 2012, 44, 1034-1041.	0.8	3
22	Remarks on the equality case of the Bonnesen inequality. <i>Archiv Der Mathematik</i> , 2012, 99, 189-199.	0.5	2
23	A removal lemma for systems of linear equations over finite fields. <i>Israel Journal of Mathematics</i> , 2012, 187, 193-207.	0.8	33
24	Rainbow-free 3-colorings of Abelian Groups. <i>Electronic Journal of Combinatorics</i> , 2012, 19, .	0.4	5
25	Rainbow Matchings: existence and counting. <i>Electronic Notes in Discrete Mathematics</i> , 2011, 38, 711-716.	0.4	2
26	On the number of monochromatic solutions of integer linear systems on Abelian groups. <i>Electronic Notes in Discrete Mathematics</i> , 2011, 38, 777-781.	0.4	0
27	Properties of two-dimensional sets with small sumset. <i>Journal of Combinatorial Theory - Series A</i> , 2010, 117, 164-188.	0.8	12
28	On Sums of Dilates. <i>Combinatorics Probability and Computing</i> , 2009, 18, 871-880.	1.3	17
29	Punctured combinatorial Nullstellensätze. <i>Combinatorica</i> , 2009, 29, 511-522.	1.2	15
30	Connectivity of addition Cayley graphs. <i>Journal of Combinatorial Theory Series B</i> , 2009, 99, 202-217.	1.0	16
31	A combinatorial proof of the Removal Lemma for Groups. <i>Journal of Combinatorial Theory - Series A</i> , 2009, 116, 971-978.	0.8	42
32	On the chromatic number of circulant graphs. <i>Discrete Mathematics</i> , 2009, 309, 5687-5696.	0.7	18
33	Cycle codes of graphs and MDS array codes. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 34, 95-99.	0.4	1
34	Rainbow-free 3-colorings in abelian groups. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 34, 133-137.	0.4	1
35	Large sets with small doubling modulo p are well covered by an arithmetic progression. <i>Annales De L'Institut Fourier</i> , 2009, 59, 2043-2060.	0.6	8
36	On the critical pair theory in abelian groups: Beyond Chowla's Theorem. <i>Combinatorica</i> , 2008, 28, 441-467.	1.2	6

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37	The vertex isoperimetric problem for the powers of the diamond graph. <i>Discrete Mathematics</i> , 2008, 308, 2067-2074.	0.7	4
38	Distance graphs with maximum chromatic number. <i>Discrete Mathematics</i> , 2008, 308, 1355-1365.	0.7	11
39	On k -arc transitive hypergraphs. <i>European Journal of Combinatorics</i> , 2008, 29, 1003-1011.	0.8	1
40	On some subgroup chains related to Kneser's theorem. <i>Journal De Theorie Des Nombres De Bordeaux</i> , 2008, 20, 125-130.	0.1	5
41	On upper bounds and connectivity of cages. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 28, 137-140.	0.4	1
42	Some Ramsey and anti-Ramsey results in finite groups. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 28, 437-444.	0.4	2
43	The Connectivity of addition Cayley graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 29, 135-139.	0.4	7
44	Regular chromatic number and the lonely runner problem. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 29, 479-483.	0.4	3
45	On the critical pair theory in Z/pZ . <i>Acta Arithmetica</i> , 2006, 121, 99-115.	0.4	11
46	Automorphism groups of k -arc transitive covers. <i>Discrete Mathematics</i> , 2004, 276, 273-285.	0.7	3
47	The Erdős-Turán property for a class of bases. <i>Acta Arithmetica</i> , 2004, 115, 245-254.	0.4	8
48	Efficient dominating sets in Cayley graphs. <i>Discrete Applied Mathematics</i> , 2003, 129, 319-328.	0.9	66
49	A local-global principle for vertex-isoperimetric problems. <i>Discrete Mathematics</i> , 2002, 257, 285-309.	0.7	8
50	Transversals of additive Latin squares. <i>Israel Journal of Mathematics</i> , 2001, 126, 17-28.	0.8	29
51	Construction of k -arc transitive digraphs. <i>Discrete Mathematics</i> , 2001, 231, 337-349.	0.7	10
52	Exactly k -arc Transitive Covers. <i>Electronic Notes in Discrete Mathematics</i> , 2000, 5, 321.	0.4	0
53	A Local-Global Principle for Macaulay Posets. <i>Order</i> , 1999, 16, 57-76.	0.5	2
54	Hidden Cayley graph structures. <i>Discrete Mathematics</i> , 1998, 182, 69-83.	0.7	2

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55	Onion polygonizations. Information Processing Letters, 1996, 57, 165-173.	0.6	4
56	Deviation probabilities for arithmetic progressions and other regular discrete structures. Random Structures and Algorithms, 0, , .	1.1	1