Dmitry A Shabanov

List of Publications by Year
in descending order

24 papers	179 citations	1163117 8 h-index	1125743 13 g-index
24 all docs	24 docs citations	24 times ranked	25 citing authors

#	Article	IF	Citations
1	Panchromatic 3-colorings of random hypergraphs. European Journal of Combinatorics, 2019, 78, 28-43.	0.8	20
2	On the weak chromatic number of random hypergraphs. Discrete Applied Mathematics, 2020, 276, 134-154.	0.9	19
3	Improved algorithms for colorings of simple hypergraphs and applications. Journal of Combinatorial Theory Series B, 2016, 116, 312-332.	1.0	17
4	On a generalization of Rubin's theorem. Journal of Graph Theory, 2011, 67, 226-234.	0.9	14
5	Colorings of hypergraphs with large number of colors. Discrete Mathematics, 2016, 339, 3020-3031.	0.7	14
6	Colourings of Uniform Hypergraphs with Large Girth and Applications. Combinatorics Probability and Computing, 2018, 27, 245-273.	1.3	13
7	<mml:math altimg="si71.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/	0.7	10
8	Estimating the r-colorability threshold for a random hypergraph. Discrete Applied Mathematics, 2020, 282, 168-183.	0.9	10
9	Equitable two-colorings of uniform hypergraphs. European Journal of Combinatorics, 2015, 43, 185-203.	0.8	9
10	Random coloring method in the combinatorial problem of ErdÅ's and LovÃ¡sz. Random Structures and Algorithms, 2012, 40, 227-253.	1.1	8
11	Equitable colorings of hypergraphs with few edges. Discrete Applied Mathematics, 2020, 276, 2-12.	0.9	8
12	On the strong chromatic number of a random 3-uniform hypergraph. Discrete Mathematics, 2021, 344, 112231.	0.7	8
13	Coloring Non-uniform Hypergraphs Without Short Cycles. Graphs and Combinatorics, 2014, 30, 1249-1260.	0.4	7
14	Colorings of b-simple hypergraphs. Electronic Notes in Discrete Mathematics, 2017, 61, 29-35.	0.4	7
15	Coloring hypergraphs with bounded cardinalities of edge intersections. Discrete Mathematics, 2020, 343, 111692.	0.7	6
16	Around ErdÅ'sâ€"LovÃ¡sz problem on colorings of non-uniform hypergraphs. Discrete Mathematics, 2015, 338, 1976-1981.	0.7	5
17	General Independence Sets in Random Strongly Sparse Hypergraphs. Problems of Information Transmission, 2018, 54, 56-69.	0.5	4
18	A special issue on the Boris V. Gnedenko Centennial. Queueing Systems, 2014, 76, 111-112.	0.9	0

#	Article	IF	Citations
19	Colorings of hypergraphs with large number of colors. Electronic Notes in Discrete Mathematics, 2015, 49, 407-411.	0.4	0
20	Extremal problems for colorings of simple hypergraphs and applications. Electronic Notes in Discrete Mathematics, 2015, 49, 441-445.	0.4	0
21	Panchromatic 3-coloring of a random hypergraph. Electronic Notes in Discrete Mathematics, 2017, 61, 781-787.	0.4	0
22	Random hypergraphs and property B. European Journal of Combinatorics, 2021, 91, 103205.	0.8	0
23	On the Chromatic Number of a Random 3-Uniform Hypergraph. Springer Proceedings in Mathematics and Statistics, 2021, , 190-203.	0.2	0
24	Number of A+B‰C solutions in abelian groups and application to counting independent sets in hypergraphs. European Journal of Combinatorics, 2022, 100, 103453.	0.8	0