

# Eric Sopena

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6974565/publications.pdf>

Version: 2024-02-01

66  
papers

1,007  
citations

516561

16  
h-index

454834

30  
g-index

67  
all docs

67  
docs citations

67  
times ranked

220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Good and semi-strong colorings of oriented planar graphs. Information Processing Letters, 1994, 51, 171-174.	0.4	109
2	The chromatic number of oriented graphs. Journal of Graph Theory, 1997, 25, 191-205.	0.5	73
3	On the maximum average degree and the oriented chromatic number of a graph. Discrete Mathematics, 1999, 206, 77-89.	0.4	68
4	Acyclic and oriented chromatic numbers of graphs. Journal of Graph Theory, 1997, 24, 331-340.	0.5	66
5	Acyclic list 7-coloring of planar graphs. Journal of Graph Theory, 2002, 40, 83-90.	0.5	58
6	Acyclic colouring of 1-planar graphs. Discrete Applied Mathematics, 2001, 114, 29-41.	0.5	53
7	Oriented graph coloring. Discrete Mathematics, 2001, 229, 359-369.	0.4	53
8	Colorings and girth of oriented planar graphs. Discrete Mathematics, 1997, 165-166, 519-530.	0.4	52
9	Homomorphisms of Signed Graphs. Journal of Graph Theory, 2015, 79, 178-212.	0.5	49
10	Homomorphisms and colourings of oriented graphs: An updated survey. Discrete Mathematics, 2016, 339, 1993-2005.	0.4	35
11	Incidence coloring of $k$ -degenerated graphs. Discrete Mathematics, 2004, 283, 121-128.	0.4	31
12	On the Oriented Game Chromatic Number. Electronic Journal of Combinatorics, 2001, 8, .	0.2	29
13	There exist oriented planar graphs with oriented chromatic number at least sixteen. Information Processing Letters, 2002, 81, 309-312.	0.4	20
14	Homomorphisms of signed graphs: An update. European Journal of Combinatorics, 2021, 91, 103222.	0.5	19
15	Oriented vertex and arc colorings of outerplanar graphs. Information Processing Letters, 2006, 100, 97-104.	0.4	18
16	Rainbow connection in oriented graphs. Discrete Applied Mathematics, 2014, 179, 69-78.	0.5	18
17	On universal graphs for planar oriented graphs of a given girth. Discrete Mathematics, 1998, 188, 73-85.	0.4	17
18	Acrylic improper colorings of graphs. Journal of Graph Theory, 1999, 32, 97-107.	0.5	16

#	ARTICLE	IF	CITATIONS
19	Homomorphisms of 2-edge-colored graphs. <i>Discrete Applied Mathematics</i> , 2010, 158, 1365-1379.	0.5	16
20	On the complexity of determining the irregular chromatic index of a graph. <i>Journal of Discrete Algorithms</i> , 2015, 30, 113-127.	0.7	15
21	Outerplanar and Planar Oriented Cliques. <i>Journal of Graph Theory</i> , 2016, 82, 165-193.	0.5	13
22	Coloring the square of the Cartesian product of two cycles. <i>Discrete Mathematics</i> , 2010, 310, 2327-2333.	0.4	12
23	Some Combinatorial Aspects of Time-stamp Systems. <i>European Journal of Combinatorics</i> , 1993, 14, 95-102.	0.5	11
24	On Deeply Critical Oriented Graphs. <i>Journal of Combinatorial Theory Series B</i> , 2001, 81, 150-155.	0.6	11
25	On nice graphs. <i>Discrete Mathematics</i> , 2001, 234, 39-51.	0.4	10
26	On the oriented chromatic number of Halin graphs. <i>Information Processing Letters</i> , 2006, 98, 247-252.	0.4	8
27	An oriented version of the 1-2-3 Conjecture. <i>Discussiones Mathematicae - Graph Theory</i> , 2015, 35, 141.	0.2	8
28	The incidence chromatic number of toroidal grids. <i>Discussiones Mathematicae - Graph Theory</i> , 2013, 33, 315.	0.2	7
29	Edge weights and vertex colours: Minimizing sum count. <i>Discrete Applied Mathematics</i> , 2019, 270, 13-24.	0.5	7
30	On the oriented chromatic index of oriented graphs. <i>Journal of Graph Theory</i> , 2008, 57, 313-332.	0.5	6
31	On the broadcast independence number of caterpillars. <i>Discrete Applied Mathematics</i> , 2018, 244, 20-35.	0.5	6
32	Oriented colourings of graphs with maximum degree three and four. <i>Discrete Mathematics</i> , 2019, 342, 959-974.	0.4	6
33	A connected version of the graph coloring game. <i>Discrete Applied Mathematics</i> , 2020, 283, 744-750.	0.5	6
34	Exact square coloring of subcubic planar graphs. <i>Discrete Applied Mathematics</i> , 2021, 293, 74-89.	0.5	6
35	Upper oriented chromatic number of undirected graphs and oriented colorings of product graphs. <i>Discussiones Mathematicae - Graph Theory</i> , 2012, 32, 517.	0.2	6
36	Complete oriented colourings and the oriented achromatic number. <i>Discrete Applied Mathematics</i> , 2014, 173, 102-112.	0.5	5

#	ARTICLE	IF	CITATIONS
37	Equitable neighbour-sum-distinguishing edge and total colourings. <i>Discrete Applied Mathematics</i> , 2017, 222, 40-53.	0.5	5
38	Strong rainbow connection in digraphs. <i>Discrete Applied Mathematics</i> , 2018, 238, 133-143.	0.5	4
39	On the minimum number of edges giving maximum oriented chromatic number. <i>DIMACS Series in Discrete Mathematics and Theoretical Computer Science</i> , 1999, , 179-182.	0.0	4
40	On the oriented chromatic number of graphs with given excess. <i>Discrete Mathematics</i> , 2006, 306, 1342-1350.	0.4	3
41	Chromatic number of sparse colored mixed planar graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 34, 363-367.	0.4	3
42	The incidence game chromatic number of $(a,d)$ -decomposable graphs. <i>Journal of Discrete Algorithms</i> , 2015, 31, 14-25.	0.7	3
43	Rainbow connections in digraphs. <i>Discrete Applied Mathematics</i> , 2018, 243, 248-261.	0.5	3
44	Pushable chromatic number of graphs with degree constraints. <i>Discrete Mathematics</i> , 2021, 344, 112151.	0.4	3
45	2-distance colorings of integer distance graphs. <i>Discussiones Mathematicae - Graph Theory</i> , 2019, 39, 589.	0.2	3
46	Further evidence towards the multiplicative 1-2-3 Conjecture. <i>Discrete Applied Mathematics</i> , 2022, 307, 135-144.	0.5	3
47	On the signed chromatic number of some classes of graphs. <i>Discrete Mathematics</i> , 2022, 345, 112664.	0.4	3
48	Checking Global Graph Properties by Means of Local Computations: the Majority Problem. <i>Electronic Notes in Theoretical Computer Science</i> , 1995, 2, 199-206.	0.9	2
49	A note on the cubical dimension of new classes of binary trees. <i>Czechoslovak Mathematical Journal</i> , 2015, 65, 151-160.	0.3	2
50	Dicots, and a taxonomic ranking for misère games. <i>Journal of Combinatorial Theory - Series A</i> , 2015, 130, 42-63.	0.5	2
51	Octal games on graphs: The game 0.33 on subdivided stars and bistars. <i>Theoretical Computer Science</i> , 2018, 746, 19-35.	0.5	2
52	On the distinguishing number of cyclic tournaments: Towards the Albertson–Collins Conjecture. <i>Discrete Applied Mathematics</i> , 2019, 266, 219-236.	0.5	2
53	Incidence choosability of graphs. <i>Discrete Applied Mathematics</i> , 2019, 265, 40-55.	0.5	2
54	Distinguishing numbers and distinguishing indices of oriented graphs. <i>Discrete Applied Mathematics</i> , 2020, 285, 330-342.	0.5	2

#	ARTICLE	IF	CITATIONS
55	Broadcasts on paths and cycles. Discrete Applied Mathematics, 2020, 283, 375-395.	0.5	2
56	EXPANDING GRAPH RELABELING SYSTEMS HAVE THE POWER OF RECURSIVE ENUMERABILITY. Fundamenta Informaticae, 1996, 27, 1-25.	0.3	1
57	The acircuitic directed star arboricity of subcubic graphs is at most four. Discrete Mathematics, 2006, 306, 3281-3289.	0.4	1
58	Homomorphisms of 2-edge-colored graphs. Electronic Notes in Discrete Mathematics, 2008, 30, 33-38.	0.4	1
59	i-Mark: A new subtraction division game. Theoretical Computer Science, 2016, 627, 90-101.	0.5	1
60	The neighbour-sum-distinguishing edge-colouring game. Discrete Mathematics, 2017, 340, 1564-1572.	0.4	1
61	Neighbour-sum-2-distinguishing edge-weightings: Doubling the $1 \leq \sum_{v \in N(u)} w_{uv} \leq 3$ Conjecture. Discrete Applied Mathematics, 2018, 251, 83-92.	0.5	1
62	Proper connection and proper-walk connection of digraphs. Applied Mathematics and Computation, 2021, 410, 126253.	1.4	1
63	On locally irregular decompositions of subcubic graphs. Opuscula Mathematica, 2018, 38, 795.	0.3	1
64	On the broadcast independence number of locally uniform 2-lobsters. Discussiones Mathematicae - Graph Theory, 2024, 44, 199.	0.2	1
65	Nilpotent Families of Endomorphisms of $(P(V)_+, \hat{\alpha}^n)$ . Journal of Combinatorial Theory Series B, 2002, 86, 100-108.	0.6	0
66	Ice sliding games. International Journal of Game Theory, 2018, 47, 487-508.	0.5	0