

# Peter Dankelmann

## List of Publications by Year in descending order

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82  
papers

1,027  
citations

430442

18  
h-index

525886

27  
g-index

82  
all docs

82  
docs citations

82  
times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	The maximum average connectivity among all orientations of a graph. <i>Journal of Combinatorial Optimization</i> , 2022, 43, 543-570.	0.8	1
2	Bounding the $k$ -Steiner Wiener and Wiener-Type Indices of Trees in Terms of Eccentric Sequence. <i>Acta Applicandae Mathematicae</i> , 2021, 171, 1.	0.5	2
3	Size of graphs and digraphs with given diameter and connectivity constraints. <i>Acta Mathematica Hungarica</i> , 2021, 164, 178-199.	0.3	0
4	Distances in graphs of girth 6 and generalised cages. <i>Discrete Applied Mathematics</i> , 2021, 294, 125-137.	0.5	2
5	Oriented diameter of maximal outerplanar graphs. <i>Journal of Graph Theory</i> , 2021, 98, 426-444.	0.5	5
6	Steiner diameter, maximum degree and size of a graph. <i>Discrete Mathematics</i> , 2021, 344, 112468.	0.4	1
7	Proximity and remoteness in triangle-free and $C_4$ -free graphs in terms of order and minimum degree. <i>Discrete Mathematics</i> , 2021, 344, 112513.	0.4	3
8	Proof of a conjecture on the Wiener index of Eulerian graphs. <i>Discrete Applied Mathematics</i> , 2021, 301, 99-108.	0.5	4
9	A Size Condition for Diameter Two Orientable Graphs. <i>Graphs and Combinatorics</i> , 2021, 37, 527-544.	0.2	3
10	Distance domination and generalized eccentricity in graphs with given minimum degree. <i>Journal of Graph Theory</i> , 2020, 94, 5-19.	0.5	2
11	Average eccentricity, minimum degree and maximum degree in graphs. <i>Journal of Combinatorial Optimization</i> , 2020, 40, 697-712.	0.8	6
12	The Steiner $k$ -Wiener index of graphs with given minimum degree. <i>Discrete Applied Mathematics</i> , 2019, 268, 35-43.	0.5	6
13	A degree condition for diameter two orientability of graphs. <i>Discrete Mathematics</i> , 2019, 342, 1063-1065.	0.4	3
14	Upper bounds on the average eccentricity of $K_3$ -free and $C_4$ -free graphs. <i>Discrete Applied Mathematics</i> , 2019, 270, 106-114.	0.5	9
15	On average distance in tournaments and Eulerian digraphs. <i>Discrete Applied Mathematics</i> , 2019, 266, 38-47.	0.5	3
16	Distance and Eccentric sequences to bound the Wiener index, Hosoya polynomial and the average eccentricity in the strong products of graphs. <i>Discrete Applied Mathematics</i> , 2019, 263, 105-117.	0.5	9
17	Average eccentricity, $k$ -packing and $k$ -domination in graphs. <i>Discrete Mathematics</i> , 2019, 342, 1261-1274.	0.4	13
18	Bounding the Order of a Graph Using Its Diameter and Metric Dimension: A Study Through Tree Decompositions and VC Dimension. <i>SIAM Journal on Discrete Mathematics</i> , 2018, 32, 902-918.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Oriented diameter of graphs with given maximum degree. <i>Journal of Graph Theory</i> , 2018, 88, 5-17.	0.5	12
20	Bounds on the fault-diameter of graphs. <i>Networks</i> , 2017, 70, 132-140.	1.6	3
21	The degree-diameter problem for outerplanar graphs. <i>Discussiones Mathematicae - Graph Theory</i> , 2017, 37, 823.	0.2	0
22	Diameter and maximum degree in Eulerian digraphs. <i>Discrete Mathematics</i> , 2016, 339, 1355-1361.	0.4	6
23	Maximally edge-connected hypergraphs. <i>Discrete Mathematics</i> , 2016, 339, 33-38.	0.4	14
24	On the Number of Resolving Pairs in Graphs. <i>Graphs and Combinatorics</i> , 2015, 31, 2175-2180.	0.2	0
25	Diameter of orientations of graphs with given minimum degree. <i>European Journal of Combinatorics</i> , 2015, 49, 126-133.	0.5	14
26	Proximity, remoteness and minimum degree. <i>Discrete Applied Mathematics</i> , 2015, 184, 223-228.	0.5	9
27	Distance and size in digraphs. <i>Discrete Mathematics</i> , 2015, 338, 144-148.	0.4	7
28	The Degree-Diameter Problem for Claw-Free Graphs and Hypergraphs. <i>Journal of Graph Theory</i> , 2014, 75, 105-123.	0.5	3
29	Steiner diameter of 3, 4 and 5-connected maximal planar graphs. <i>Discrete Applied Mathematics</i> , 2014, 179, 222-228.	0.5	3
30	On the eccentric connectivity index and Wiener index of a graph. <i>Quaestiones Mathematicae</i> , 2014, 37, 39-47.	0.2	16
31	Upper bounds on the average eccentricity. <i>Discrete Applied Mathematics</i> , 2014, 167, 72-79.	0.5	23
32	Codes from incidence matrices of graphs. <i>Designs, Codes, and Cryptography</i> , 2013, 68, 373-393.	1.0	23
33	A NOTE ON EXTREMAL VALUES OF THE SCATTERING NUMBER. <i>Taiwanese Journal of Mathematics</i> , 2013, 17, .	0.2	0
34	Eccentric counts, connectivity and chordality. <i>Information Processing Letters</i> , 2012, 112, 944-947.	0.4	1
35	The radius of $k$ -connected planar graphs with bounded faces. <i>Discrete Mathematics</i> , 2012, 312, 3636-3642.	0.4	4
36	Upper bounds on the Steiner diameter of a graph. <i>Discrete Applied Mathematics</i> , 2012, 160, 1845-1850.	0.5	24

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37	Average distance in weighted graphs. <i>Discrete Mathematics</i> , 2012, 312, 12-20.	0.4	12
38	Automorphism group and diameter of a graph. <i>Journal of Graph Theory</i> , 2012, 70, 80-91.	0.5	2
39	Degree distance of unicyclic and bicyclic graphs. <i>Discrete Applied Mathematics</i> , 2011, 159, 779-788.	0.5	39
40	On the distance distribution of trees. <i>Discrete Applied Mathematics</i> , 2011, 159, 945-952.	0.5	3
41	The number of edges in a bipartite graph of given radius. <i>Discrete Mathematics</i> , 2011, 311, 690-698.	0.4	4
42	Average distance and generalised packing in graphs. <i>Discrete Mathematics</i> , 2010, 310, 2334-2344.	0.4	6
43	The Diameter of Almost Eulerian Digraphs. <i>Electronic Journal of Combinatorics</i> , 2010, 17, .	0.2	6
44	Average distance and vertex-connectivity. <i>Journal of Graph Theory</i> , 2009, 62, 157-177.	0.5	10
45	On the degree distance of a graph. <i>Discrete Applied Mathematics</i> , 2009, 157, 2773-2777.	0.5	51
46	On complexity of Minimum Leaf Out-Branching problem. <i>Discrete Applied Mathematics</i> , 2009, 157, 3000-3004.	0.5	11
47	Domination with exponential decay. <i>Discrete Mathematics</i> , 2009, 309, 5877-5883.	0.4	31
48	Minimum size of a graph or digraph of given radius. <i>Information Processing Letters</i> , 2009, 109, 971-973.	0.4	8
49	Inverse degree and edge-connectivity. <i>Discrete Mathematics</i> , 2009, 309, 2943-2947.	0.4	34
50	The edge-Wiener index of a graph. <i>Discrete Mathematics</i> , 2009, 309, 3452-3457.	0.4	55
51	Diameter of 4-colourable graphs. <i>European Journal of Combinatorics</i> , 2009, 30, 1082-1089.	0.5	8
52	Minimal claw-free graphs. <i>Czechoslovak Mathematical Journal</i> , 2008, 58, 787-798.	0.3	0
53	Embedding graphs as isometric medians. <i>Discrete Applied Mathematics</i> , 2008, 156, 2420-2422.	0.5	11
54	Diameter and inverse degree. <i>Discrete Mathematics</i> , 2008, 308, 670-673.	0.4	20

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55	Average Distance and Edge-Connectivity II. SIAM Journal on Discrete Mathematics, 2008, 21, 1035-1052.	0.4	12
56	Average Distance and Edge-Connectivity I. SIAM Journal on Discrete Mathematics, 2008, 22, 92-101.	0.4	15
57	On equality in an upper bound for the restrained and total domination numbers of a graph. Discrete Mathematics, 2007, 307, 2845-2852.	0.4	28
58	On the connectivity of diamond-free graphs. Discrete Applied Mathematics, 2007, 155, 2111-2117.	0.5	3
59	Trees with Equal Domination and Restrained Domination Numbers. Journal of Global Optimization, 2006, 34, 597-607.	1.1	17
60	Simultaneous graph parameters: Factor domination and factor total domination. Discrete Mathematics, 2006, 306, 2229-2233.	0.4	5
61	The diameter of directed graphs. Journal of Combinatorial Theory Series B, 2005, 94, 183-186.	0.6	13
62	A linear-time algorithm to compute a MAD tree of an interval graph. Information Processing Letters, 2004, 89, 255-259.	0.4	6
63	Minimum average distance of strong orientations of graphs. Discrete Applied Mathematics, 2004, 143, 204-212.	0.5	14
64	Maximum sizes of graphs with given domination parameters. Discrete Mathematics, 2004, 281, 137-148.	0.4	29
65	SOME CENTRALITY RESULTS NEW AND OLD. Journal of Mathematical Sociology, 2004, 28, 215-227.	0.6	28
66	Factor domination and minimum degree. Discrete Mathematics, 2003, 262, 113-119.	0.4	7
67	On strong distances in oriented graphs. Discrete Mathematics, 2003, 266, 195-201.	0.4	10
68	MAD trees and distance-hereditary graphs. Discrete Applied Mathematics, 2003, 131, 151-167.	0.5	11
69	Bounds on the average connectivity of a graph. Discrete Applied Mathematics, 2003, 129, 305-318.	0.5	17
70	Augmenting trees so that every three vertices lie on a cycle. Discrete Applied Mathematics, 2002, 116, 145-159.	0.5	0
71	Weighted domination in triangle-free graphs. Discrete Mathematics, 2002, 250, 233-239.	0.4	2
72	Average distance in colored graphs. Journal of Graph Theory, 2001, 38, 1-17.	0.5	3

#	ARTICLE	IF	CITATIONS
73	Average distance, minimum degree, and spanning trees. , 2000, 33, 1-13.		42
74	Degree sequence conditions for maximally edge-connected graphs depending on the clique number. Discrete Mathematics, 2000, 211, 217-223.	0.4	13
75	Some results on graph parameters in weighted graphs. Electronic Notes in Discrete Mathematics, 2000, 5, 85-88.	0.4	0
76	On the average Steiner distance of graphs with prescribed properties. Discrete Applied Mathematics, 1997, 79, 91-103.	0.5	26
77	Average distance and domination number. Discrete Applied Mathematics, 1997, 80, 21-35.	0.5	42
78	Degree sequence conditions for maximally edge-connected graphs and digraphs. Journal of Graph Theory, 1997, 26, 27-34.	0.5	19
79	The average Steiner distance of a graph. Journal of Graph Theory, 1996, 22, 15-22.	0.5	37
80	On Path-Tough Graphs. SIAM Journal on Discrete Mathematics, 1994, 7, 571-584.	0.4	3
81	Average distance and independence number. Discrete Applied Mathematics, 1994, 51, 75-83.	0.5	53
82	Computing the average distance of an interval graph. Information Processing Letters, 1993, 48, 311-314.	0.4	21