

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 edge-Wiener index of a graph. <i>Discrete Mathematics</i> , 2009, 309, 3452-3457. | 0.4 | 55 |
| 2 | Average distance and independence number. <i>Discrete Applied Mathematics</i> , 1994, 51, 75-83. | 0.5 | 53 |
| 3 | On the degree distance of a graph. <i>Discrete Applied Mathematics</i> , 2009, 157, 2773-2777. | 0.5 | 51 |
| 4 | Average distance and domination number. <i>Discrete Applied Mathematics</i> , 1997, 80, 21-35. | 0.5 | 42 |
| 5 | Average distance, minimum degree, and spanning trees. , 2000, 33, 1-13. | | 42 |
| 6 | Degree distance of unicyclic and bicyclic graphs. <i>Discrete Applied Mathematics</i> , 2011, 159, 779-788. | 0.5 | 39 |
| 7 | The average Steiner distance of a graph. <i>Journal of Graph Theory</i> , 1996, 22, 15-22. | 0.5 | 37 |
| 8 | Inverse degree and edge-connectivity. <i>Discrete Mathematics</i> , 2009, 309, 2943-2947. | 0.4 | 34 |
| 9 | Domination with exponential decay. <i>Discrete Mathematics</i> , 2009, 309, 5877-5883. | 0.4 | 31 |
| 10 | Maximum sizes of graphs with given domination parameters. <i>Discrete Mathematics</i> , 2004, 281, 137-148. | 0.4 | 29 |
| 11 | SOME CENTRALITY RESULTS NEW AND OLD. <i>Journal of Mathematical Sociology</i> , 2004, 28, 215-227. | 0.6 | 28 |
| 12 | On equality in an upper bound for the restrained and total domination numbers of a graph. <i>Discrete Mathematics</i> , 2007, 307, 2845-2852. | 0.4 | 28 |
| 13 | On the average Steiner distance of graphs with prescribed properties. <i>Discrete Applied Mathematics</i> , 1997, 79, 91-103. | 0.5 | 26 |
| 14 | Upper bounds on the Steiner diameter of a graph. <i>Discrete Applied Mathematics</i> , 2012, 160, 1845-1850. | 0.5 | 24 |
| 15 | Codes from incidence matrices of graphs. <i>Designs, Codes, and Cryptography</i> , 2013, 68, 373-393. | 1.0 | 23 |
| 16 | Upper bounds on the average eccentricity. <i>Discrete Applied Mathematics</i> , 2014, 167, 72-79. | 0.5 | 23 |
| 17 | Computing the average distance of an interval graph. <i>Information Processing Letters</i> , 1993, 48, 311-314. | 0.4 | 21 |
| 18 | Diameter and inverse degree. <i>Discrete Mathematics</i> , 2008, 308, 670-673. | 0.4 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Degree sequence conditions for maximally edge-connected graphs and digraphs. <i>Journal of Graph Theory</i> , 1997, 26, 27-34. | 0.5 | 19 |
| 20 | Bounds on the average connectivity of a graph. <i>Discrete Applied Mathematics</i> , 2003, 129, 305-318. | 0.5 | 17 |
| 21 | Trees with Equal Domination and Restrained Domination Numbers. <i>Journal of Global Optimization</i> , 2006, 34, 597-607. | 1.1 | 17 |
| 22 | On the eccentric connectivity index and Wiener index of a graph. <i>Quaestiones Mathematicae</i> , 2014, 37, 39-47. | 0.2 | 16 |
| 23 | Average Distance and Edge-Connectivity I. <i>SIAM Journal on Discrete Mathematics</i> , 2008, 22, 92-101. | 0.4 | 15 |
| 24 | Minimum average distance of strong orientations of graphs. <i>Discrete Applied Mathematics</i> , 2004, 143, 204-212. | 0.5 | 14 |
| 25 | Diameter of orientations of graphs with given minimum degree. <i>European Journal of Combinatorics</i> , 2015, 49, 126-133. | 0.5 | 14 |
| 26 | Maximally edge-connected hypergraphs. <i>Discrete Mathematics</i> , 2016, 339, 33-38. | 0.4 | 14 |
| 27 | Degree sequence conditions for maximally edge-connected graphs depending on the clique number. <i>Discrete Mathematics</i> , 2000, 211, 217-223. | 0.4 | 13 |
| 28 | The diameter of directed graphs. <i>Journal of Combinatorial Theory Series B</i> , 2005, 94, 183-186. | 0.6 | 13 |
| 29 | Average eccentricity, k -packing and k -domination in graphs. <i>Discrete Mathematics</i> , 2019, 342, 1261-1274. | 0.4 | 13 |
| 30 | Average Distance and Edge-Connectivity II. <i>SIAM Journal on Discrete Mathematics</i> , 2008, 21, 1035-1052. | 0.4 | 12 |
| 31 | Average distance in weighted graphs. <i>Discrete Mathematics</i> , 2012, 312, 12-20. | 0.4 | 12 |
| 32 | Oriented diameter of graphs with given maximum degree. <i>Journal of Graph Theory</i> , 2018, 88, 5-17. | 0.5 | 12 |
| 33 | MAD trees and distance-hereditary graphs. <i>Discrete Applied Mathematics</i> , 2003, 131, 151-167. | 0.5 | 11 |
| 34 | Embedding graphs as isometric medians. <i>Discrete Applied Mathematics</i> , 2008, 156, 2420-2422. | 0.5 | 11 |
| 35 | On complexity of Minimum Leaf Out-Branching problem. <i>Discrete Applied Mathematics</i> , 2009, 157, 3000-3004. | 0.5 | 11 |
| 36 | On strong distances in oriented graphs. <i>Discrete Mathematics</i> , 2003, 266, 195-201. | 0.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Average distance and vertex-connectivity. <i>Journal of Graph Theory</i> , 2009, 62, 157-177. | 0.5 | 10 |
| 38 | Proximity, remoteness and minimum degree. <i>Discrete Applied Mathematics</i> , 2015, 184, 223-228. | 0.5 | 9 |
| 39 | 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 |
| 40 | 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 |
| 41 | Minimum size of a graph or digraph of given radius. <i>Information Processing Letters</i> , 2009, 109, 971-973. | 0.4 | 8 |
| 42 | Diameter of 4-colourable graphs. <i>European Journal of Combinatorics</i> , 2009, 30, 1082-1089. | 0.5 | 8 |
| 43 | Factor domination and minimum degree. <i>Discrete Mathematics</i> , 2003, 262, 113-119. | 0.4 | 7 |
| 44 | Distance and size in digraphs. <i>Discrete Mathematics</i> , 2015, 338, 144-148. | 0.4 | 7 |
| 45 | A linear-time algorithm to compute a MAD tree of an interval graph. <i>Information Processing Letters</i> , 2004, 89, 255-259. | 0.4 | 6 |
| 46 | Average distance and generalised packing in graphs. <i>Discrete Mathematics</i> , 2010, 310, 2334-2344. | 0.4 | 6 |
| 47 | Diameter and maximum degree in Eulerian digraphs. <i>Discrete Mathematics</i> , 2016, 339, 1355-1361. | 0.4 | 6 |
| 48 | 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 |
| 49 | The Steinerk-Wiener index of graphs with given minimum degree. <i>Discrete Applied Mathematics</i> , 2019, 268, 35-43. | 0.5 | 6 |
| 50 | Average eccentricity, minimum degree and maximum degree in graphs. <i>Journal of Combinatorial Optimization</i> , 2020, 40, 697-712. | 0.8 | 6 |
| 51 | The Diameter of Almost Eulerian Digraphs. <i>Electronic Journal of Combinatorics</i> , 2010, 17, . | 0.2 | 6 |
| 52 | Simultaneous graph parameters: Factor domination and factor total domination. <i>Discrete Mathematics</i> , 2006, 306, 2229-2233. | 0.4 | 5 |
| 53 | Oriented diameter of maximal outerplanar graphs. <i>Journal of Graph Theory</i> , 2021, 98, 426-444. | 0.5 | 5 |
| 54 | The number of edges in a bipartite graph of given radius. <i>Discrete Mathematics</i> , 2011, 311, 690-698. | 0.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | The radius of k -connected planar graphs with bounded faces. <i>Discrete Mathematics</i> , 2012, 312, 3636-3642. | 0.4 | 4 |
| 56 | Proof of a conjecture on the Wiener index of Eulerian graphs. <i>Discrete Applied Mathematics</i> , 2021, 301, 99-108. | 0.5 | 4 |
| 57 | On Path-Tough Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 1994, 7, 571-584. | 0.4 | 3 |
| 58 | Average distance in colored graphs. <i>Journal of Graph Theory</i> , 2001, 38, 1-17. | 0.5 | 3 |
| 59 | On the connectivity of diamond-free graphs. <i>Discrete Applied Mathematics</i> , 2007, 155, 2111-2117. | 0.5 | 3 |
| 60 | On the distance distribution of trees. <i>Discrete Applied Mathematics</i> , 2011, 159, 945-952. | 0.5 | 3 |
| 61 | The Degree-Diameter Problem for Claw-Free Graphs and Hypergraphs. <i>Journal of Graph Theory</i> , 2014, 75, 105-123. | 0.5 | 3 |
| 62 | Steiner diameter of 3, 4 and 5-connected maximal planar graphs. <i>Discrete Applied Mathematics</i> , 2014, 179, 222-228. | 0.5 | 3 |
| 63 | Bounds on the fault-diameter of graphs. <i>Networks</i> , 2017, 70, 132-140. | 1.6 | 3 |
| 64 | A degree condition for diameter two orientability of graphs. <i>Discrete Mathematics</i> , 2019, 342, 1063-1065. | 0.4 | 3 |
| 65 | On average distance in tournaments and Eulerian digraphs. <i>Discrete Applied Mathematics</i> , 2019, 266, 38-47. | 0.5 | 3 |
| 66 | Proximity and remoteness in triangle-free and C_4 -free graphs in terms of order and minimum degree. <i>Discrete Mathematics</i> , 2021, 344, 1125-113. | 0.4 | 3 |
| 67 | A Size Condition for Diameter Two Orientable Graphs. <i>Graphs and Combinatorics</i> , 2021, 37, 527-544. | 0.2 | 3 |
| 68 | Weighted domination in triangle-free graphs. <i>Discrete Mathematics</i> , 2002, 250, 233-239. | 0.4 | 2 |
| 69 | Automorphism group and diameter of a graph. <i>Journal of Graph Theory</i> , 2012, 70, 80-91. | 0.5 | 2 |
| 70 | Distance domination and generalized eccentricity in graphs with given minimum degree. <i>Journal of Graph Theory</i> , 2020, 94, 5-19. | 0.5 | 2 |
| 71 | 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 |
| 72 | Distances in graphs of girth 6 and generalised cages. <i>Discrete Applied Mathematics</i> , 2021, 294, 125-137. | 0.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Eccentric counts, connectivity and chordality. Information Processing Letters, 2012, 112, 944-947. | 0.4 | 1 |
| 74 | Steiner diameter, maximum degree and size of a graph. Discrete Mathematics, 2021, 344, 112468. | 0.4 | 1 |
| 75 | The maximum average connectivity among all orientations of a graph. Journal of Combinatorial Optimization, 2022, 43, 543-570. | 0.8 | 1 |
| 76 | Some results on graph parameters in weighted graphs. Electronic Notes in Discrete Mathematics, 2000, 5, 85-88. | 0.4 | 0 |
| 77 | Augmenting trees so that every three vertices lie on a cycle. Discrete Applied Mathematics, 2002, 116, 145-159. | 0.5 | 0 |
| 78 | Minimal claw-free graphs. Czechoslovak Mathematical Journal, 2008, 58, 787-798. | 0.3 | 0 |
| 79 | On the Number of Resolving Pairs in Graphs. Graphs and Combinatorics, 2015, 31, 2175-2180. | 0.2 | 0 |
| 80 | Size of graphs and digraphs with given diameter and connectivity constraints. Acta Mathematica Hungarica, 2021, 164, 178-199. | 0.3 | 0 |
| 81 | A NOTE ON EXTREMAL VALUES OF THE SCATTERING NUMBER. Taiwanese Journal of Mathematics, 2013, 17, . | 0.2 | 0 |
| 82 | The degree-diameter problem for outerplanar graphs. Discussiones Mathematicae - Graph Theory, 2017, 37, 823. | 0.2 | 0 |