

# Pawel Winter

## List of Publications by Year in descending order

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28  
papers

1,153  
citations

623188

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580395

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g-index

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all docs

28  
docs citations

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times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Steiner problem in networks: A survey. <i>Networks</i> , 1987, 17, 129-167.	1.6	591
2	Path-distance heuristics for the Steiner problem in undirected networks. <i>Algorithmica</i> , 1992, 7, 309-327.	1.0	89
3	An algorithm for the steiner problem in the euclidean plane. <i>Networks</i> , 1985, 15, 323-345.	1.6	75
4	Euclidean Steiner minimum trees: An improved exact algorithm. <i>Networks</i> , 1997, 30, 149-166.	1.6	66
5	Generalized steiner problem in series-parallel networks. <i>Journal of Algorithms</i> , 1986, 7, 549-566.	0.9	53
6	Obstacle-Avoiding Euclidean Steiner Trees in the Plane: An Exact Algorithm. <i>Lecture Notes in Computer Science</i> , 1999, , 286-299.	1.0	31
7	Steiner problem in Halin networks. <i>Discrete Applied Mathematics</i> , 1987, 17, 281-294.	0.5	26
8	The GeoSteiner software package for computing Steiner trees in the plane: an updated computational study. <i>Mathematical Programming Computation</i> , 2018, 10, 487-532.	3.2	24
9	Generalized steiner problem in outerplanar networks. <i>BIT Numerical Mathematics</i> , 1985, 25, 485-496.	1.0	22
10	Euclidean Steiner minimal trees with obstacles and Steiner visibility graphs. <i>Discrete Applied Mathematics</i> , 1993, 47, 187-206.	0.5	19
11	An Exact Algorithm for the Uniformly-Oriented Steiner Tree Problem. <i>Lecture Notes in Computer Science</i> , 2002, , 760-772.	1.0	19
12	Reductions for the rectilinear steiner tree problem. <i>Networks</i> , 1995, 26, 187-198.	1.6	17
13	An algorithm for the enumeration of spanning trees. <i>BIT Numerical Mathematics</i> , 1986, 26, 44-62.	1.0	16
14	Protein Structure Prediction Using Bee Colony Optimization Metaheuristic. <i>Mathematical Modelling and Algorithms</i> , 2010, 9, 181-194.	0.5	16
15	Euclidean Steiner minimum trees: An improved exact algorithm. , 1997, 30, 149.		16
16	Short trees in polygons. <i>Discrete Applied Mathematics</i> , 2002, 118, 55-72.	0.5	15
17	Distance-Based Classification Methods. <i>Infor</i> , 1999, 37, 337-352.	0.5	13
18	Steiner minimal trees for three points with one convex polygonal obstacle. <i>Annals of Operations Research</i> , 1991, 33, 577-599.	2.6	11

#	ARTICLE	IF	CITATIONS
19	On the location of Steiner points in uniformly-oriented Steiner trees. Information Processing Letters, 2002, 83, 237-241.	0.4	8
20	Ranking Beta Sheet Topologies with Applications to Protein Structure Prediction. Mathematical Modelling and Algorithms, 2011, 10, 357-369.	0.5	7
21	Bounding Volumes for Proteins: A Comparative Study. Journal of Computational Biology, 2012, 19, 1203-1213.	0.8	5
22	In-trees and plane embeddings of outerplanar graphs. BIT Numerical Mathematics, 1990, 30, 83-90.	1.0	4
23	Alpha Shapes and Proteins. , 2009, , .		4
24	Topological network synthesis. Lecture Notes in Mathematics, 1989, , 282-303.	0.1	2
25	Rotationally optimal spanning and Steiner trees in uniform orientation metrics. Computational Geometry: Theory and Applications, 2004, 29, 251-263.	0.3	2
26	Maximal outerplanar graphs with perfect face-independent vertex covers. Discrete Applied Mathematics, 1994, 54, 267-280.	0.5	1
27	Adjustable Chain Trees for Proteins. Journal of Computational Biology, 2012, 19, 83-99.	0.8	1
28	Protein Packing Quality Using Delaunay Complexes. , 2011, , .		0