Annegret K Wagler

List of Publications by Year
in descending order

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54	365	933447	940533
papers	citations	10 h-index	16 g-index

54	54	54	177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A mathematical approach to solve the network reconstruction problem. Mathematical Methods of Operations Research, 2008, 67, 117-132.	1.0	38
2	Petri nets as a framework for the reconstruction and analysis of signal transduction pathways and regulatory networks. Natural Computing, 2011, 10, 639-654.	3.0	29
3	Antiwebs are rank-perfect. 4or, 2004, 2, 149.	1.6	27
4	Reconstruction of extended Petri nets from time series data and its application to signal transduction and to gene regulatory networks. BMC Systems Biology, 2011, 5, 113.	3.0	27
5	Automatic reconstruction of molecular and genetic networks from discrete time series data. BioSystems, 2008, 93, 181-190.	2.0	20
6	Models and Algorithms for Carsharing Systems and Related Problems. Electronic Notes in Discrete Mathematics, 2013, 44, 201-206.	0.4	18
7	Reconstruction of extended Petri nets from time-series data by using logical control functions. Journal of Mathematical Biology, 2013, 66, 203-223.	1.9	14
8	On rank-perfect subclasses of near-bipartite graphs. 4or, 2005, 3, 329-336.	1.6	13
9	Characterizing and bounding the imperfection ratio for some classes of graphs. Mathematical Programming, 2009, 118, 37-46.	2.4	10
10	An algorithmic framework for network reconstruction. Theoretical Computer Science, 2011, 412, 2800-2815.	0.9	10
11	A Combinatorial Approach to Reconstruct Petri Nets from Experimental Data. Lecture Notes in Computer Science, 2008, , 328-346.	1.3	10
12	On classes of minimal circular-imperfect graphs. Discrete Applied Mathematics, 2008, 156, 998-1010.	0.9	9
13	Clique-perfectness of complements of line graphs. Discrete Applied Mathematics, 2015, 186, 19-44.	0.9	9
14	The combinatorics of modeling and analyzing biological systems. Natural Computing, 2011, 10, 655-681.	3.0	8
15	Fleet management for autonomous vehicles using flows in time-expanded networks. Top, 2019, 27, 288-311.	1.6	8
16	Clique and chromatic number of circular-perfect graphs. Electronic Notes in Discrete Mathematics, 2010, 36, 199-206.	0.4	7
17	Triangle-free strongly circular-perfect graphs. Discrete Mathematics, 2009, 309, 3632-3643.	0.7	6
18	Encoding the dynamics of deterministic systems. Mathematical Methods of Operations Research, 2011, 73, 281-300.	1.0	6

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19	A polyhedral approach to locating-dominating sets in graphs. Electronic Notes in Discrete Mathematics, 2015, 50, 89-94.	0.4	6
20	Polyhedra associated with identifying codes in graphs. Discrete Applied Mathematics, 2018, 245, 16-27.	0.9	6
21	Critical and Anticritical Edges in Perfect Graphs. Lecture Notes in Computer Science, 2001, , 317-327.	1.3	6
22	Study of Identifying Code Polyhedra for Some Families of Split Graphs. Lecture Notes in Computer Science, 2014, , 13-25.	1.3	6
23	The Normal Graph Conjecture is True for Circulants. , 2006, , 365-374.		6
24	Model reconstruction for discrete deterministic systems. Electronic Notes in Discrete Mathematics, 2010, 36, 175-182.	0.4	5
25	Polyhedra associated with identifying codes. Electronic Notes in Discrete Mathematics, 2013, 44, 175-180.	0.4	5
26	Computing clique and chromatic number of circular-perfect graphs in polynomial time. Mathematical Programming, 2013, 141, 121-133.	2.4	5
27	Constructions for normal graphs and some consequences. Discrete Applied Mathematics, 2008, 156, 3329-3338.	0.9	4
28	Characterizing â€perfect line graphs. International Transactions in Operational Research, 2017, 24, 325-337.	2.7	4
29	Fleet management for autonomous vehicles: Online PDP under special constraints. RAIRO - Operations Research, 2019, 53, 1007-1031.	1.8	4
30	On the polynomial time computability of the circular-chromatic number for some superclasses of perfect graphs. Electronic Notes in Discrete Mathematics, 2009, 35, 53-58.	0.4	3
31	Clique-perfectness of complements of line graphs. Electronic Notes in Discrete Mathematics, 2011, 37, 327-332.	0.4	3
32	On minimal forbidden subgraph characterizations of balanced graphs. Discrete Applied Mathematics, 2013, 161, 1925-1942.	0.9	3
33	Clique-perfectness and balancedness of some graph classes. International Journal of Computer Mathematics, 2014, 91, 2118-2141.	1.8	3
34	The Identifying Code, the Locating-dominating, the Open Locating-dominating and the Locating Total-dominating Problems Under Some Graph Operations. Electronic Notes in Theoretical Computer Science, 2019, 346, 135-145.	0.9	3
35	On some graph classes related to perfect graphs: A survey. Discrete Applied Mathematics, 2020, 281, 42-60.	0.9	3
36	Linear-time algorithms for three domination-based separation problems in block graphs. Discrete Applied Mathematics, 2020, 281, 6-41.	0.9	3

#	Article	IF	Citations
37	On Minimality and Equivalence of Petri Nets. Fundamenta Informaticae, 2013, 128, 209-222.	0.4	2
38	On the Online Min-Wait Relocation Problem. Electronic Notes in Discrete Mathematics, 2015, 50, 281-286.	0.4	2
39	A linear-time algorithm for the identifying code problem on block graphs. Electronic Notes in Discrete Mathematics, 2017, 62, 249-254.	0.4	2
40	Fleet management for autonomous vehicles using flows in time-expanded networks. Electronic Notes in Discrete Mathematics, 2017, 62, 255-260.	0.4	2
41	The Normal Graph Conjecture for Classes of Sparse Graphs. Lecture Notes in Computer Science, 2013, , 64-75.	1.3	2
42	Computing the clique number of a-perfect graphs in polynomial time. Electronic Notes in Discrete Mathematics, 2011, 38, 705-710.	0.4	1
43	Analyzing the dynamics of deterministic systems from a hypergraph theoretical point of view. RAIRO - Operations Research, 2013, 47, 321-330.	1.8	1
44	On the LovÃ¡szâ€“Schrijver PSD-operator on graph classes defined by clique cutsets. Discrete Applied Mathematics, 2019, 308, 209-209.	0.9	1
45	Study of Identifying Code Polyhedra for Some Families of Split Graphs. Lecture Notes in Computer Science, 2014, , 13-25.	1.3	1
46	LovÃ¡sz-Schrijver PSD-Operator on Some Graph Classes Defined by Clique Cutsets. Lecture Notes in Computer Science, 2018, , 416-427.	1.3	1
47	LovÃ¡sz-Schrijver PSD-Operator on Claw-Free Graphs. Lecture Notes in Computer Science, 2016, , 59-70.	1.3	1
48	Polyhedra Associated with Open Locating-Dominating and Locating Total-Dominating Sets in Graphs. Lecture Notes in Computer Science, 2020, , 3-14.	1.3	1
49	Polyhedra associated with locating-dominating, open locating-dominating and locating total-dominating sets in graphs. Discrete Applied Mathematics, 2022, 322, 465-480.	0.9	1
50	Preprocessing for Network Reconstruction: Feasibility Test and Handling Infeasibility. Fundamenta Informaticae, 2014, 135, 521-535.	0.4	0
51	Automatic network reconstruction from experimental time-series data: A survey. IT - Information Technology, 2014, 56, 46-54.	0.9	0
52	The Normal Graph Conjecture for Two Classes of Sparse Graphs. Graphs and Combinatorics, 2018, 34, 139-157.	0.4	0
53	On circular-perfect graphs: A survey. European Journal of Combinatorics, 2021, 91, 103224.	0.8	0
54	Beyond Perfection: Computational Results for Superclasses. , 2013, , 133-161.		0