Franz Rendl

List of Publications by Year
in descending order

21 papers	**1,391** citations	687363 **13** h-index	713466 **21** g-index
21 all docs	**21** docs citations	**21** times ranked	**874** citing authors

#	ARTICLE	IF	CITATIONS
1	Conic optimization: A survey with special focus on copositive optimization and binary quadratic problems. EURO Journal on Computational Optimization, 2021, 9, 100021.	2.4	10
2	A computational study of exact subgraph based SDP bounds for Max-Cut, stable set and coloring. Mathematical Programming, 2020, 183, 283-308.	2.4	5
3	A Bundle Approach for SDPs with Exact Subgraph Constraints. Lecture Notes in Computer Science, 2019, , 205-218.	1.3	4
4	Using a factored dual in augmented Lagrangian methods for semidefinite programming. Operations Research Letters, 2018, 46, 523-528.	0.7	6
5	Semidefinite relaxations for partitioning, assignment and ordering problems. Annals of Operations Research, 2016, 240, 119-140.	4.1	5
6	A Feasible Active Set Method for Strictly Convex Quadratic Problems with Simple Bounds. SIAM Journal on Optimization, 2015, 25, 1633-1659.	2.0	13
7	A computational study and survey of methods for the single-row facility layout problem. Computational Optimization and Applications, 2013, 55, 1-20.	1.6	78
8	Semidefinite relaxations of ordering problems. Mathematical Programming, 2013, 140, 77-97.	2.4	30
9	Matrix Relaxations in Combinatorial Optimization. The IMA Volumes in Mathematics and Its Applications, 2012, , 483-511.	0.5	3
10	Quadratic factorization heuristics for copositive programming. Mathematical Programming Computation, 2011, 3, 37-57.	4.8	13
11	Copositive programming motivated bounds on the stability and the chromatic numbers. Mathematical Programming, 2010, 121, 249-268.	2.4	26
12	Solving Max-Cut to optimality by intersecting semidefinite and polyhedral relaxations. Mathematical Programming, 2010, 121, 307-335.	2.4	179
13	Copositive and semidefinite relaxations of the quadratic assignment problem. Discrete Optimization, 2009, 6, 231-241.	0.9	95
14	Regularization Methods for Semidefinite Programming. SIAM Journal on Optimization, 2009, 20, 336-356.	2.0	106
15	A Copositive Programming Approach to Graph Partitioning. SIAM Journal on Optimization, 2007, 18, 223-241.	2.0	53
16	Bounds for the quadratic assignment problem using the bundle method. Mathematical Programming, 2007, 109, 505-524.	2.4	43
17	Computational experience with a bundle approach for semidefinite cutting plane relaxations of Max-Cut and Equipartition. Mathematical Programming, 2006, 105, 451-469.	2.4	58
18	Semidefinite Programming Relaxations for the Quadratic Assignment Problem. Journal of Combinatorial Optimization, 1998, 2, 71-109.	1.3	172

#	Article	IF	Citations
19	Title is missing!. Computational Optimization and Applications, 1998, 10, 127-147.	1.6	12
20	QAPLIB â€" A Quadratic Assignment Problem Library. Journal of Global Optimization, 1997, 10, 391-403.	1.8	450
21	A spectral approach to bandwidth and separator problems in graphs. Linear and Multilinear Algebra, 1995, 39, 73-90.	1.0	30