

# Gonzalo Muñoz

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

93  
citations

1937685

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1588992

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g-index

16  
all docs

16  
docs citations

16  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the implementation and strengthening of intersection cuts for QCQPs. <i>Mathematical Programming</i> , 2023, 197, 549-586.	2.4	5
2	New limits of treewidth-based tractability in optimization. <i>Mathematical Programming</i> , 2022, 191, 559-594.	2.4	3
3	On generalized surrogate duality in mixed-integer nonlinear programming. <i>Mathematical Programming</i> , 2022, 192, 89-118.	2.4	2
4	Maximal quadratic-free sets. <i>Mathematical Programming</i> , 2022, 192, 229-270.	2.4	4
5	Cutting Plane Generation through Sparse Principal Component Analysis. <i>SIAM Journal on Optimization</i> , 2022, 32, 1319-1343.	2.0	1
6	Outer-product-free sets for polynomial optimization and oracle-based cuts. <i>Mathematical Programming</i> , 2020, 183, 105-148.	2.4	16
7	Maximal Quadratic-Free Sets. <i>Lecture Notes in Computer Science</i> , 2020, , 307-321.	1.3	11
8	On Generalized Surrogate Duality in Mixed-Integer Nonlinear Programming. <i>Lecture Notes in Computer Science</i> , 2020, , 322-337.	1.3	1
9	Intersection Cuts for Polynomial Optimization. <i>Lecture Notes in Computer Science</i> , 2019, , 72-87.	1.3	6
10	A study of the Bienstock-Zuckerberg algorithm: applications in mining and resource constrained project scheduling. <i>Computational Optimization and Applications</i> , 2018, 69, 501-534.	1.6	25
11	Robust optimization of power network operation: storage devices and the role of forecast errors in renewable energies. <i>Studies in Computational Intelligence</i> , 2017, , 809-820.	0.9	2
12	Robust linear control of storage in transmission systems, and extensions to robust network control problems. , 2017, , .		5
13	Approximate method for AC transmission switching based on a simple relaxation for ACOPF problems. , 2015, , .		8
14	Exact reliability optimization for series-parallel graphs using convex envelopes. <i>Networks</i> , 0, , .	2.7	0
15	Convex envelopes for ray-concave functions. <i>Optimization Letters</i> , 0, , 1.	1.6	1