

# Joey Huchette

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8881359/publications.pdf>

Version: 2024-02-01

12  
papers

1,149  
citations

1478458

6  
h-index

1372553

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1027  
citing authors

#	ARTICLE	IF	CITATIONS
1	JuMP: A Modeling Language for Mathematical Optimization. SIAM Review, 2017, 59, 295-320.	8.4	1,000
2	Strong mixed-integer programming formulations for trained neural networks. Mathematical Programming, 2020, 183, 3-39.	2.4	71
3	Extended formulations in mixed integer conic quadratic programming. Mathematical Programming Computation, 2017, 9, 369-418.	4.8	16
4	Strong Mixed-Integer Programming Formulations for Trained Neural Networks. Lecture Notes in Computer Science, 2019, , 27-42.	1.3	16
5	A Combinatorial Approach for Small and Strong Formulations of Disjunctive Constraints. Mathematics of Operations Research, 2019, 44, 793-820.	1.3	14
6	Parallel Algebraic Modeling for Stochastic Optimization. , 2014, , .		10
7	Nonconvex Piecewise Linear Functions: Advanced Formulations and Simple Modeling Tools. Operations Research, 2023, 71, 1835-1856.	1.9	8
8	On efficient Hessian computation using the edge pushing algorithm in Julia. Optimization Methods and Software, 2018, 33, 1010-1029.	2.4	7
9	Strong mixed-integer formulations for the floor layout problem. Infor, 2018, 56, 392-433.	0.6	3
10	A geometric way to build strong mixed-integer programming formulations. Operations Research Letters, 2019, 47, 601-606.	0.7	2
11	Compact mixed-integer programming formulations in quadratic optimization. Journal of Global Optimization, 2022, 84, 869-912.	1.8	2
12	Beating the SDP bound for the floor layout problem: a simple combinatorial idea. Infor, 2018, 56, 457-481.	0.6	0