

# Jose L Walteros

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

134  
citations

8  
h-index

11  
g-index

20  
ext. papers

181  
ext. citations

3.2  
avg, IF

3.35  
L-index

#	Paper	IF	Citations
18	A participatory approach based on stochastic optimization for the spatial allocation of Sustainable Urban Drainage Systems for rainwater harvesting.. <i>Environmental Modelling and Software</i> , <b>2020</b> , 123, 104532	5.2	22
17	Hybrid Algorithm for Route Design on Bus Rapid Transit Systems. <i>Transportation Science</i> , <b>2015</b> , 49, 66-84	4.4	21
16	Integer programming models for the multidimensional assignment problem with star costs. <i>European Journal of Operational Research</i> , <b>2014</b> , 235, 553-568	5.6	14
15	Detecting critical node structures on graphs: A mathematical programming approach. <i>Networks</i> , <b>2019</b> , 73, 48-88	1.6	14
14	Solving maximum clique in sparse graphs: an $(O(nm+n2^{d/4}))$ algorithm for (d)-degenerate graphs. <i>Optimization Letters</i> , <b>2014</b> , 8, 1611-1617	1.1	13
13	A note on branch-and-cut-and-price. <i>Operations Research Letters</i> , <b>2010</b> , 38, 346-353	1	11
12	Minimum edge blocker dominating set problem. <i>European Journal of Operational Research</i> , <b>2015</b> , 247, 16-26	5.6	8
11	A Two-Stage Data-Driven Spatiotemporal Analysis to Predict Failure Risk of Urban Sewer Systems Leveraging Machine Learning Algorithms. <i>Risk Analysis</i> , <b>2021</b> ,	3.9	8
10	Why Is Maximum Clique Often Easy in Practice?. <i>Operations Research</i> , <b>2020</b> , 68, 1866-1895	2.3	6
9	City-scale optimal location planning of Green Infrastructure using piece-wise linear interpolation and exact optimization methods. <i>Journal of Hydrology</i> , <b>2021</b> , 601, 126540	6	6
8	Integer programming models for detecting graph bipartitions with structural requirements. <i>Networks</i> , <b>2018</b> , 71, 432-450	1.6	4
7	Solving the petroleum replenishment and routing problem with variable demands and time windows. <i>Annals of Operations Research</i> , <b>2020</b> , 294, 9-46	3.2	2
6	On the distance between random events on a network. <i>Networks</i> , <b>2020</b> , 75, 203-231	1.6	1
5	A resiliency analysis of information distribution policies over mobile ad hoc networks. <i>Optimization Letters</i> , <b>2021</b> , 15, 1081-1103	1.1	1
4	Integer Programming Formulations for Minimum Spanning Tree Interdiction. <i>INFORMS Journal on Computing</i> ,	2.4	1
3	Reach maximization for social lotteries. <i>Omega</i> , <b>2021</b> , 105, 102496	7.2	1
2	Scientists wanted? A literature review on incentive programs that promote pro-environmental consumer behavior: Energy, waste, and water. <i>Socio-Economic Planning Sciences</i> , <b>2022</b> , 101251	3.7	1

1 Worst-case analysis of clique MIPs. *Mathematical Programming*,1

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