

Jose r Correa

List of Publications by Year in descending order

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72
papers

1,817
citations

361413

20
h-index

315739

38
g-index

76
all docs

76
docs citations

76
times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	Selfish Routing in Capacitated Networks. Mathematics of Operations Research, 2004, 29, 961-976.	1.3	316
2	Common-Lines and Passenger Assignment in Congested Transit Networks. Transportation Science, 2001, 35, 250-267.	4.4	158
3	Bin Packing in Multiple Dimensions: Inapproximability Results and Approximation Schemes. Mathematics of Operations Research, 2006, 31, 31-49.	1.3	100
4	A geometric approach to the price of anarchy in nonatomic congestion games. Games and Economic Behavior, 2008, 64, 457-469.	0.8	86
5	The Impact of Oligopolistic Competition in Networks. Operations Research, 2009, 57, 1421-1437.	1.9	85
6	Contingent Preannounced Pricing Policies with Strategic Consumers. Operations Research, 2016, 64, 251-272.	1.9	69
7	Fast, Fair, and Efficient Flows in Networks. Operations Research, 2007, 55, 215-225.	1.9	67
8	On the Inefficiency of Equilibria in Congestion Games. Lecture Notes in Computer Science, 2005, , 167-181.	1.3	64
9	Posted Price Mechanisms for a Random Stream of Customers. , 2017, , .		52
10	Single-Machine Scheduling with Precedence Constraints. Mathematics of Operations Research, 2005, 30, 1005-1021.	1.3	48
11	Dynamic Equilibria in Fluid Queueing Networks. Operations Research, 2015, 63, 21-34.	1.9	41
12	LP-based online scheduling: from single to parallel machines. Mathematical Programming, 2009, 119, 109-136.	2.4	39
13	Decentralized utilitarian mechanisms for scheduling games. Games and Economic Behavior, 2015, 92, 306-326.	0.8	38
14	Network Games with Atomic Players. Lecture Notes in Computer Science, 2006, , 525-536.	1.3	37
15	Inner product spaces for MinSum coordination mechanisms. , 2011, , .		32
16	The Power of Preemption on Unrelated Machines and Applications to Scheduling Orders. Mathematics of Operations Research, 2012, 37, 379-398.	1.3	30
17	From pricing to prophets, and back!. Operations Research Letters, 2019, 47, 25-29.	0.7	30
18	Computational Complexity, Fairness, and the Price of Anarchy of the Maximum Latency Problem. Lecture Notes in Computer Science, 2004, , 59-73.	1.3	29

#	ARTICLE	IF	CITATIONS
19	Recent developments in prophet inequalities. , 2019, 17, 61-70.		27
20	Efficiency of equilibria in restricted uniform machine scheduling with total weighted completion time as social cost. Naval Research Logistics, 2012, 59, 384-395.	2.2	22
21	Independent and Hitting Sets of Rectangles Intersecting a Diagonal Line: Algorithms and Complexity. Discrete and Computational Geometry, 2015, 53, 344-365.	0.6	21
22	TSP Tours in Cubic Graphs: Beyond 4/3. SIAM Journal on Discrete Mathematics, 2015, 29, 915-939.	0.8	20
23	Fare Evasion in Transit Networks. Operations Research, 2017, 65, 165-183.	1.9	20
24	Improved Bounds on Nonblocking 3-Stage Clos Networks. SIAM Journal on Computing, 2007, 37, 870-894.	1.0	17
25	Strong LP formulations for scheduling splittable jobs on unrelated machines. Mathematical Programming, 2015, 154, 305-328.	2.4	17
26	Optimal Coordination Mechanisms for Multi-job Scheduling Games. Lecture Notes in Computer Science, 2014, , 13-24.	1.3	17
27	Long Term Behavior of Dynamic Equilibria in Fluid Queuing Networks. Lecture Notes in Computer Science, 2017, , 161-172.	1.3	16
28	Prophet secretary through blind strategies. Mathematical Programming, 2021, 190, 483-521.	2.4	15
29	Stackelberg Routing in Atomic Network Games. SSRN Electronic Journal, 0, , .	0.4	15
30	A fast asymptotic approximation scheme for bin packing with rejection. Theoretical Computer Science, 2008, 393, 14-22.	0.9	14
31	On the Price of Anarchy for flows over time. , 2019, , .		14
32	Prophet Secretary Through Blind Strategies. , 2019, , 1946-1961.		12
33	Some remarks about factors of graphs. Journal of Graph Theory, 2008, 57, 265-274.	0.9	11
34	Approximating a class of combinatorial problems with rational objective function. Mathematical Programming, 2010, 124, 255-269.	2.4	11
35	Resource augmentation in two-dimensional packing with orthogonal rotations. Operations Research Letters, 2006, 34, 85-93.	0.7	10
36	The Inefficiency of Nash and Subgame Perfect Equilibria for Network Routing. Mathematics of Operations Research, 2019, 44, 1286-1303.	1.3	10

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37	The Two-Sided Game of Googol and Sample-Based Prophet Inequalities. , 2020, , 2066-2081.		10
38	Posted Price Mechanisms and Optimal Threshold Strategies for Random Arrivals. Mathematics of Operations Research, 2021, 46, 1452-1478.	1.3	10
39	Bin packing with controllable item sizes. Information and Computation, 2008, 206, 1003-1016.	0.7	9
40	Optimal Continuous Pricing with Strategic Consumers. Management Science, 2017, 63, 2741-2755.	4.1	9
41	Bounds on the welfare loss from moral hazard with limited liability. Games and Economic Behavior, 2016, 95, 137-155.	0.8	8
42	Pricing with markups in industries with increasing marginal costs. Mathematical Programming, 2014, 146, 143-184.	2.4	7
43	The Curse of Sequentiality in Routing Games. Lecture Notes in Computer Science, 2015, , 258-271.	1.3	7
44	Optimal Selection of Customers for a Last-Minute Offer. Operations Research, 2010, 58, 878-888.	1.9	6
45	Long-Term Behavior of Dynamic Equilibria in Fluid Queuing Networks. Operations Research, 2022, 70, 516-526.	1.9	6
46	A $5/3$ -Approximation for Finding Spanning Trees with Many Leaves in Cubic Graphs. , 2007, , 184-192.		6
47	The Price of Anarchy of the Proportional Allocation Mechanism Revisited. Lecture Notes in Computer Science, 2013, , 109-120.	1.3	6
48	Clique partitioning with value-monotone submodular cost. Discrete Optimization, 2015, 15, 26-36.	0.9	5
49	Splitting versus setup trade-offs for scheduling to minimize weighted completion time. Operations Research Letters, 2016, 44, 469-473.	0.7	5
50	Network congestion games are robust to variable demand. Transportation Research Part B: Methodological, 2019, 119, 69-78.	5.9	5
51	The Power of Preemption on Unrelated Machines and Applications to Scheduling Orders. Lecture Notes in Computer Science, 2009, , 84-97.	1.3	4
52	School Choice in Chile. Operations Research, 2022, 70, 1066-1087.	1.9	4
53	Prophet Inequalities for Independent and Identically Distributed Random Variables from an Unknown Distribution. Mathematics of Operations Research, 2022, 47, 1287-1309.	1.3	4
54	The Impact of Oligopolistic Competition in Networks. SSRN Electronic Journal, 2009, , .	0.4	3

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55	Independent and Hitting Sets of Rectangles Intersecting a Diagonal Line. Lecture Notes in Computer Science, 2014, , 35-46.	1.3	3
56	Monotone Covering Problems with an Additional Covering Constraint. Mathematics of Operations Research, 2009, 34, 238-248.	1.3	2
57	Sensitivity analysis of markup equilibria in complementary markets. Operations Research Letters, 2014, 42, 173-179.	0.7	2
58	Network Pricing. , 2018, , .		2
59	Performance guarantees of local search for minsum scheduling problems. Mathematical Programming, 2020, , 1.	2.4	2
60	Proportional Apportionment: A Case Study From the Chilean Constitutional Convention. , 2021, , .		2
61	The node-edge weighted 2-edge connected subgraph problem: Linear relaxation, facets and separation. Discrete Optimization, 2006, 3, 123-135.	0.9	1
62	A note on the precedence-constrained class sequencing problem. Discrete Applied Mathematics, 2007, 155, 257-259.	0.9	1
63	Adaptivity in Network Interdiction. Lecture Notes in Computer Science, 2017, , 40-52.	1.3	1
64	Network Pricing: How to Induce Optimal Flows Under Strategic Link Operators. Operations Research, 2022, 70, 472-489.	1.9	1
65	Multidimensional political apportionment. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2109305119.	7.1	1
66	The Competition Complexity of Dynamic Pricing. , 2022, , .		1
67	Single Machine Scheduling with Precedence Constraints. SSRN Electronic Journal, 2004, , .	0.4	0
68	On the p -Median Polytope and the Intersection Property: Polyhedra and Algorithms. SIAM Journal on Discrete Mathematics, 2011, 25, 1-20.	0.8	0
69	Optimal Revenue Guarantees for Pricing in Large Markets. Lecture Notes in Computer Science, 2021, , 221-235.	1.3	0
70	Approximating Rational Objectives Is as Easy as Approximating Linear Ones. Lecture Notes in Computer Science, 2006, , 351-362.	1.3	0
71	The Value of Observability in Dynamic Pricing. SSRN Electronic Journal, 0, , .	0.4	0
72	On the Price of Anarchy for Flows over Time. Mathematics of Operations Research, 2022, 47, 1394-1411.	1.3	0