

Cristina G Fernandes

List of Publications by Year in descending order

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59
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Motif Search in Graphs: Application to Metabolic Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2006, 3, 360-368.	3.0	146
2	A MILP model for an extended version of the Flexible Job Shop Problem. Optimization Letters, 2014, 8, 1417-1431.	1.6	48
3	Multicuts in unweighted graphs and digraphs with bounded degree and bounded tree-width. Journal of Algorithms, 2003, 48, 333-359.	0.9	39
4	A Better Approximation Algorithm for Finding Planar Subgraphs. Journal of Algorithms, 1998, 27, 269-302.	0.9	37
5	A Better Approximation Ratio for the Minimum Sizek-Edge-Connected Spanning Subgraph Problem. Journal of Algorithms, 1998, 28, 105-124.	0.9	32
6	Repetition-free longest common subsequence. Discrete Applied Mathematics, 2010, 158, 1315-1324.	0.9	32
7	Nonempty intersection of longest paths in series-parallel graphs. Discrete Mathematics, 2017, 340, 287-304.	0.7	20
8	Intersecting longest paths. Discrete Mathematics, 2013, 313, 1401-1408.	0.7	19
9	A systematic approach to bound factor-revealing LPs and its application to the metric and squared metric facility location problems. Mathematical Programming, 2015, 153, 655-685.	2.4	18
10	Primal-dual approximation algorithms for the Prize-Collecting Steiner Tree Problem. Information Processing Letters, 2007, 103, 195-202.	0.6	17
11	Minimum cycle cover and Chinese postman problems on mixed graphs with bounded tree-width. Discrete Applied Mathematics, 2009, 157, 272-279.	0.9	13
12	A New Approximation Algorithm for Finding Heavy Planar Subgraphs. Algorithmica, 2003, 36, 179-205.	1.3	12
13	Approximating a class of combinatorial problems with rational objective function. Mathematical Programming, 2010, 124, 255-269.	2.4	11
14	Selfish Square Packing. Electronic Notes in Discrete Mathematics, 2011, 37, 369-374.	0.4	9
15	The envy-free pricing problem, unit-demand markets and connections with the network pricing problem. Discrete Optimization, 2016, 22, 141-161.	0.9	9
16	Multicuts in Unweighted Graphs with Bounded Degree and Bounded Tree-Width. Lecture Notes in Computer Science, 1998, , 137-152.	1.3	8
17	Transversals of longest paths. Discrete Mathematics, 2020, 343, 111717.	0.7	7
18	Reaction Motifs in Metabolic Networks. Lecture Notes in Computer Science, 2005, , 178-191.	1.3	7

#	ARTICLE	IF	CITATIONS
19	A $5/3$ -Approximation for Finding Spanning Trees with Many Leaves in Cubic Graphs. , 2007, , 184-192.		6
20	Maximum Series-Parallel Subgraph. <i>Algorithmica</i> , 2012, 63, 137-157.	1.3	5
21	Improved Approximation Algorithms for Capacitated Fault-Tolerant k -Center. <i>Algorithmica</i> , 2018, 80, 1041-1072.	1.3	5
22	Lempel, Even, and Cederbaum Planarity Method. <i>Lecture Notes in Computer Science</i> , 2004, , 129-144.	1.3	4
23	Repetition-free longest common subsequence of random sequences. <i>Discrete Applied Mathematics</i> , 2016, 210, 75-87.	0.9	4
24	Prices of Anarchy of Selfish 2D Bin Packing Games. <i>International Journal of Foundations of Computer Science</i> , 2019, 30, 355-374.	1.1	4
25	Primal-dual algorithms for QoS multimedia multicast. , 0, , .		3
26	Intersection of Longest Paths in a Graph. <i>Electronic Notes in Discrete Mathematics</i> , 2011, 38, 743-748.	0.4	3
27	On Tuza's Conjecture for Triangulations and Graphs with Small Treewidth. <i>Electronic Notes in Theoretical Computer Science</i> , 2019, 346, 171-183.	0.9	3
28	On the structure of graphs with large minimum bisection. , 2013, , 291-296.		3
29	Stability in geodesics for memoryless binary long-lived consensus. <i>Electronic Notes in Discrete Mathematics</i> , 2011, 37, 351-356.	0.4	2
30	Second-Price Ad Auctions with Binary Bids and markets with good competition. <i>Theoretical Computer Science</i> , 2014, 540-541, 103-114.	0.9	2
31	Approximating Minimum k -Section in Trees with Linear Diameter. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 50, 71-76.	0.4	2
32	On Minimum Bisection and Related Partition Problems in Graphs with Bounded Tree Width. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 49, 481-488.	0.4	2
33	Improved Approximation Algorithms for Capacitated Fault-Tolerant k -Center. <i>Lecture Notes in Computer Science</i> , 2016, , 441-453.	1.3	2
34	A Polyhedral Investigation of the LCS Problem and a Repetition-Free Variant. , 2008, , 329-338.		2
35	Approximation Algorithms for the Max-Buying Problem with Limited Supply. <i>Lecture Notes in Computer Science</i> , 2014, , 707-718.	1.3	2
36	The UPS Problem. <i>Lecture Notes in Computer Science</i> , 2001, , 238-246.	1.3	2

#	ARTICLE	IF	CITATIONS
37	From monomials to words to graphs. <i>Journal of Combinatorial Theory - Series A</i> , 2004, 105, 185-206.	0.8	1
38	Geodesic stability for memoryless binary long-lived consensus. <i>Journal of Computer and System Sciences</i> , 2015, 81, 1210-1220.	1.2	1
39	Transversals of Longest Paths. <i>Electronic Notes in Discrete Mathematics</i> , 2017, 62, 135-140.	0.4	1
40	On minimum bisection and related cut problems in trees and tree-like graphs. <i>Journal of Graph Theory</i> , 2018, 89, 214-245.	0.9	1
41	Counting Hamiltonian Cycles in the Matroid Basis Graph. <i>Graphs and Combinatorics</i> , 2019, 35, 539-550.	0.4	1
42	Cubic Graphs, Their Ehrhart Quasi-Polynomials, and a Scissors Congruence Phenomenon. <i>Discrete and Computational Geometry</i> , 2021, 65, 227-243.	0.6	1
43	On Tuza's conjecture for triangulations and graphs with small treewidth. <i>Discrete Mathematics</i> , 2021, 344, 112281.	0.7	1
44	Leafy spanning arborescences in DAGs. <i>Discrete Applied Mathematics</i> , 2022, 323, 217-227.	0.9	1
45	The Envy-Free Pricing Problem and Unit-Demand Markets. <i>Lecture Notes in Computer Science</i> , 2014, , 230-241.	1.3	1
46	Maximum Series-Parallel Subgraph. <i>Lecture Notes in Computer Science</i> , 2010, , 54-65.	1.3	1
47	Multicuts in Unweighted Digraphs with Bounded Degree and Bounded Tree-Width. <i>Electronic Notes in Discrete Mathematics</i> , 2001, 7, 194-197.	0.4	0
48	Trajectory clustering of points in \mathbb{R}^2 . <i>Electronic Notes in Discrete Mathematics</i> , 2015, 50, 53-58.	0.4	0
49	Kinetic clustering of points on the line. <i>Theoretical Computer Science</i> , 2016, 639, 60-71.	0.9	0
50	Spanning trees with nonseparating paths. <i>Discrete Mathematics</i> , 2016, 339, 365-374.	0.7	0
51	The Online Multicommodity Connected Facility Location Problem. <i>Lecture Notes in Computer Science</i> , 2018, , 118-131.	1.3	0
52	Approximation Algorithms for the Max-Buying Problem with Limited Supply. <i>Algorithmica</i> , 2018, 80, 2973-2992.	1.3	0
53	On Edge-magic Labelings of Forests. <i>Electronic Notes in Theoretical Computer Science</i> , 2019, 346, 299-307.	0.9	0
54	Leafy spanning k -forests. , 0, , .		0

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55	Approximating Rational Objectives Is as Easy as Approximating Linear Ones. Lecture Notes in Computer Science, 2006, , 351-362.	1.3	0
56	Second-Price Ad Auctions with Binary Bids and Markets with Good Competition. Lecture Notes in Computer Science, 2012, , 439-450.	1.3	0
57	Leafy Spanning Arborescences in DAGs. Lecture Notes in Computer Science, 2020, , 50-62.	1.3	0