

László A Vágh

List of Publications by Year in descending order

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times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	A Strongly Polynomial Algorithm for a Class of Minimum-Cost Flow Problems with Separable Convex Objectives. <i>SIAM Journal on Computing</i> , 2016, 45, 1729-1761.	1.0	31
2	A Strongly Polynomial Algorithm for Generalized Flow Maximization. <i>Mathematics of Operations Research</i> , 2017, 42, 179-211.	1.3	31
3	A Rational Convex Program for Linear Arrow-Debreu Markets. <i>ACM Transactions on Economics and Computation</i> , 2017, 5, 1-13.	1.1	30
4	Augmenting Undirected Node-Connectivity by One. <i>SIAM Journal on Discrete Mathematics</i> , 2011, 25, 695-718.	0.8	23
5	A Constant-factor Approximation Algorithm for the Asymmetric Traveling Salesman Problem. <i>Journal of the ACM</i> , 2020, 67, 1-53.	2.2	22
6	A constant-factor approximation algorithm for the asymmetric traveling salesman problem. , 2018, , .		20
7	Concave Generalized Flows with Applications to Market Equilibria. <i>Mathematics of Operations Research</i> , 2014, 39, 573-596.	1.3	17
8	Strongly polynomial algorithm for a class of minimum-cost flow problems with separable convex objectives. , 2012, , .		16
9	On Submodular Search and Machine Scheduling. <i>Mathematics of Operations Research</i> , 2019, 44, 1431-1449.	1.3	15
10	Fixed-Parameter Algorithms for Minimum-Cost Edge-Connectivity Augmentation. <i>ACM Transactions on Algorithms</i> , 2015, 11, 1-24.	1.0	14
11	Approximating Minimum-Cost k -Node Connected Subgraphs via Independence-Free Graphs. <i>SIAM Journal on Computing</i> , 2014, 43, 1342-1362.	1.0	12
12	Approximating Nash social welfare under rado valuations. , 2021, , .		11
13	A scaling-invariant algorithm for linear programming whose running time depends only on the constraint matrix. , 2020, , .		10
14	Restricted b-Matchings in Degree-Bounded Graphs. <i>Lecture Notes in Computer Science</i> , 2010, , 43-56.	1.3	9
15	Nonadaptive Selfish Routing with Online Demands. , 2007, , 27-45.		7
16	A Simpler and Faster Strongly Polynomial Algorithm for Generalized Flow Maximization. <i>Journal of the ACM</i> , 2020, 67, 1-26.	2.2	7
17	Revisiting Tardos's Framework for Linear Programming: Faster Exact Solutions using Approximate Solvers. , 2020, , .		7
18	An algorithm to increase the node-connectivity of a digraph by one. <i>Discrete Optimization</i> , 2008, 5, 677-684.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Primal-dual approach for directed vertex connectivity augmentation and generalizations. ACM Transactions on Algorithms, 2008, 4, 1-21.	1.0	6
20	A polynomial projection-type algorithm for linear programming. Operations Research Letters, 2014, 42, 91-96.	0.7	6
21	The Cutting Plane Method is Polynomial for Perfect Matchings. Mathematics of Operations Research, 2016, 41, 23-48.	1.3	6
22	A strongly polynomial algorithm for linear exchange markets. , 2019, , .		6
23	Rescaling Algorithms for Linear Conic Feasibility. Mathematics of Operations Research, 2020, 45, 732-754.	1.3	6
24	Approximating Minimum-Cost k-Node Connected Subgraphs via Independence-Free Graphs. , 2013, , .		5
25	A simpler and faster strongly polynomial algorithm for generalized flow maximization. , 2017, , .		5
26	Augmenting undirected node-connectivity by one. , 2010, , .		4
27	Oriented Euler complexes and signed perfect matchings. Mathematical Programming, 2015, 150, 153-178.	2.4	4
28	Constant factor approximation for ATSP with two edge weights. Mathematical Programming, 2018, 172, 371-397.	2.4	4
29	Geometric Rescaling Algorithms for Submodular Function Minimization. Mathematics of Operations Research, 2021, 46, 1081-1108.	1.3	3
30	Rescaled Coordinate Descent Methods for Linear Programming. Lecture Notes in Computer Science, 2016, , 26-37.	1.3	3
31	Worst case bin packing for OTN electrical layer networks dimensioning. , 2011, , .		2
32	The Cutting Plane Method Is Polynomial for Perfect Matchings. , 2012, , .		2
33	Concave Generalized Flows with Applications to Market Equilibria. , 2012, , .		2
34	Algorithms for multiplayer multicommodity flow problems. Central European Journal of Operations Research, 2013, 21, 699-712.	1.8	2
35	A strongly polynomial algorithm for generalized flow maximization. , 2014, , .		2
36	LP-Based Covering Games with Low Price of Anarchy. Theory of Computing Systems, 2015, 57, 238-260.	1.1	1

#	ARTICLE	IF	CITATIONS
37	Geometric Rescaling Algorithms for Submodular Function Minimization. , 2018, , 832-848.		1
38	Constant Factor Approximation for ATSP with Two Edge Weights. Lecture Notes in Computer Science, 2016, , 226-237.	1.3	1
39	The constructive characterization of ($\hat{r}, \hat{a}, \hat{c}$)-edge-connected digraphs. Combinatorica, 2011, 31, 201-223.	1.2	0
40	Approximating Minimum Cost Connectivity Orientation and Augmentation. , 2014, , .		0
41	Approximating Minimum Cost Connectivity Orientation and Augmentation. SIAM Journal on Computing, 2018, 47, 270-293.	1.0	0
42	Approximating nash social welfare under rado valuations. , 2021, 19, 45-51.		0
43	A Strongly Polynomial Algorithm for Linear Exchange Markets. Operations Research, 2023, 71, 487-505.	1.9	0