Evripidis Bampis

List of Publications by Year
in descending order

68 papers	710 citations	567281 15 h-index	677142 22 g-index
71 all docs	71 docs citations	71 times ranked	419 citing authors

#	Article	IF	Citations
1	Online Multistage Subset Maximization Problems. Algorithmica, 2021, 83, 2374-2399.	1.3	3
2	Speed Scaling with Explorable Uncertainty. , 2021, , .		0
3	Scheduling Malleable Jobs Under Topological Constraints. , 2020, , .		3
4	Speed scaling on parallel processors with migration. Journal of Combinatorial Optimization, 2019, 37, 1266-1282.	1.3	12
5	Energy-efficient scheduling and routing via randomized rounding. Journal of Scheduling, 2018, 21, 35-51.	1.9	14
6	Scheduling under Uncertainty: A Query-based Approach. , 2018, , .		3
7	Algorithms for energy-efficient scheduling. , 2018, , .		0
8	Scheduling on power-heterogeneous processors. Information and Computation, 2017, 257, 22-33.	0.7	7
9	Throughput maximization for speed scaling with agreeable deadlines. Journal of Scheduling, 2016, 19, 619-625.	1.9	1
10	Throughput maximization in multiprocessor speed-scaling. Theoretical Computer Science, 2016, 630, 1-12.	0.9	3
11	Algorithmic Issues in Energy-Efficient Computation. Lecture Notes in Computer Science, 2016, , 3-14.	1.3	6
12	Speed Scaling for Maximum Lateness. Theory of Computing Systems, 2016, 58, 304-321.	1.1	4
13	Scheduling on Power-Heterogeneous Processors. Lecture Notes in Computer Science, 2016, , 41-54.	1.3	8
14	Parameterized Power Vertex Cover. Lecture Notes in Computer Science, 2016, , 97-108.	1.3	3
15	Green scheduling, flows and matchings. Theoretical Computer Science, 2015, 579, 126-136.	0.9	23
16	From preemptive to non-preemptive speed-scaling scheduling. Discrete Applied Mathematics, 2015, 181, 11-20.	0.9	13
17	Non-preemptive Throughput Maximization for Speed-Scaling with Power-Down. Lecture Notes in Computer Science, 2015, , 171-182.	1.3	1
18	Min-Power Covering Problems. Lecture Notes in Computer Science, 2015, , 367-377.	1.3	6

#	Article	IF	Citations
19	A note on multiprocessor speed scaling with precedence constraints. , 2014, , .		10
20	Bounded max-colorings of graphs. Journal of Discrete Algorithms, 2014, 26, 56-68.	0.7	3
21	Spectrum Assignment in Optical Networks: A Multiprocessor Scheduling Perspective. Journal of Optical Communications and Networking, 2014, 6, 754.	4.8	37
22	Low complexity scheduling algorithms minimizing the energy for tasks with agreeable deadlines. Discrete Applied Mathematics, 2014, 175, 1-10.	0.9	14
23	Energy Efficient Scheduling of MapReduce Jobs. Lecture Notes in Computer Science, 2014, , 198-209.	1.3	15
24	Speed-Scaling with No Preemptions. Lecture Notes in Computer Science, 2014, , 259-269.	1.3	7
25	On multiprocessor temperature-aware scheduling problems. Journal of Scheduling, 2013, 16, 529-538.	1.9	4
26	Throughput Maximization for Speed-Scaling with Agreeable Deadlines. Lecture Notes in Computer Science, 2013, , 10-19.	1.3	6
27	Energy Minimization via a Primal-Dual Algorithm for a Convex Program. Lecture Notes in Computer Science, 2013, , 366-377.	1.3	1
28	Energy Aware Scheduling for Unrelated Parallel Machines. , 2012, , .		13
29	Speed scaling with power down scheduling for agreeable deadlines. Sustainable Computing: Informatics and Systems, 2012, 2, 184-189.	2.2	14
30	Randomized truthful algorithms for scheduling selfish tasks on parallel machines. Theoretical Computer Science, 2012, 414, 1-8.	0.9	5
31	Low Complexity Scheduling Algorithm Minimizing the Energy for Tasks with Agreeable Deadlines. Lecture Notes in Computer Science, 2012, , 13-24.	1.3	4
32	Speed Scaling on Parallel Processors with Migration. Lecture Notes in Computer Science, 2012, , 128-140.	1.3	30
33	Green Scheduling, Flows and Matchings. Lecture Notes in Computer Science, 2012, , 106-115.	1.3	7
34	Randomized Truthful Algorithms for Scheduling Selfish Tasks on Parallel Machines. Lecture Notes in Computer Science, 2010, , 38-48.	1.3	2
35	On truthfulness and approximation for scheduling selfish tasks. Journal of Scheduling, 2009, 12, 437-445.	1.9	17
36	On the minimum hitting set of bundles problem. Theoretical Computer Science, 2009, 410, 4534-4542.	0.9	8

#	Article	IF	Citations
37	An exponential (matching based) neighborhood for the vehicle routing problem. Journal of Combinatorial Optimization, 2008, 15, 179-190.	1.3	7
38	How good are SPT schedules for fair optimality criteria. Annals of Operations Research, 2008, 159, 53-64.	4.1	6
39	A note on scheduling to meet two min-sum objectives. Operations Research Letters, 2007, 35, 69-73.	0.7	11
40	Approximation algorithms for the bi-criteria weighted MAX-CUT problem. Discrete Applied Mathematics, 2006, 154, 1685-1692.	0.9	18
41	Fair cost-sharing methods for the minimum spanning tree game. Information Processing Letters, 2006, 100, 29-35.	0.6	1
42	Truthful algorithms for scheduling selfish tasks on parallel machines. Theoretical Computer Science, 2006, 369, 157-168.	0.9	47
43	A multi-start dynasearch algorithm for the time dependent single-machine total weighted tardiness scheduling problem. European Journal of Operational Research, 2005, 162, 281-289.	5.7	12
44	Approximation results for a bicriteria job scheduling problem on a single machine without preemption. Information Processing Letters, 2005, 94, 19-27.	0.6	22
45	Scheduling in Switching Networks with Set-Up Delays. Journal of Combinatorial Optimization, 2005, 9, 49-57.	1.3	22
46	Bicriteria approximation algorithms for scheduling problems with communications delays. Journal of Scheduling, 2005, 8, 281-294.	1.9	9
47	Scheduling trees with large communication delays on two identical processors. Journal of Scheduling, 2005, 8, 179-190.	1.9	7
48	Approximation Algorithms for the Bi-criteria Weighted max-cut Problem. Lecture Notes in Computer Science, 2005, , 331-340.	1.3	0
49	On-Line Simultaneous Maximization of the Size and the Weight for Degradable Intervals Schedules. Lecture Notes in Computer Science, 2005, , 308-317.	1.3	1
50	A NOTE ON BICRITERIA SCHEDULES WITH OPTIMAL APPROXIMATIONS RATIOS. Parallel Processing Letters, 2004, 14, 315-323.	0.6	10
51	A Dynasearch Neighborhood for the Bicriteria Traveling Salesman Problem. Lecture Notes in Economics and Mathematical Systems, 2004, , 153-176.	0.3	28
52	Maximization of the Size and the Weight of Schedules of Degradable Intervals. Lecture Notes in Computer Science, 2004, , 219-228.	1.3	3
53	An approximation algorithm for the precedence constrained scheduling problem with hierarchical communications. Theoretical Computer Science, 2003, 290, 1883-1895.	0.9	10
54	On the approximate tradeoff for bicriteria batching and parallel machine scheduling problems. Theoretical Computer Science, 2003, 306, 319-338.	0.9	35

#	Article	IF	Citations
55	On the hardness of approximating the UET-UCT scheduling problem with hierarchical communications. RAIRO - Operations Research, 2002, 36, 21-36.	1.8	7
56	Scheduling of Independent Dedicated Multiprocessor Tasks. Lecture Notes in Computer Science, 2002, , 391-402.	1.3	14
57	Non-approximability Results for the Hierarchical Communication Problem with a Bounded Number of Clusters. Lecture Notes in Computer Science, 2002, , 217-224.	1.3	1
58	A FPTAS for Approximating the Unrelated Parallel Machines Scheduling Problem with Costs. Lecture Notes in Computer Science, 2001, , 194-205.	1.3	22
59	A PTAS for the average weighted completion time problem on unrelated machines. Journal of Scheduling, 2000, 3, 323-332.	1.9	7
60	Using duplication for the multiprocessor scheduling problem with hierarchical communications. Parallel Processing Letters, 2000, 10, 133-140.	0.6	7
61	An Approximation Algorithm for the Precedence Constrained Scheduling Problem with Hierarchical Communications. Lecture Notes in Computer Science, 2000, , 443-454.	1.3	4
62	Scheduling Trees with Large Communication Delays on Two Identical Processors. Lecture Notes in Computer Science, 2000, , 288-295.	1.3	1
63	The complexity of short schedules for uet bipartite graphs. RAIRO - Operations Research, 1999, 33, 367-370.	1.8	2
64	Using duplication for the multiprocessor scheduling problem with hierarchical communications. Lecture Notes in Computer Science, 1999, , 369-372.	1.3	1
65	Some models for scheduling parallel programs with communication delays. Discrete Applied Mathematics, 1997, 72, 5-24.	0.9	17
66	Scheduling UET-UCT series-parallel graphs on two processors. Theoretical Computer Science, 1996, 162, 323-340.	0.9	44
67	On the complexity of scheduling with large communication delays. European Journal of Operational Research, 1996, 94, 252-260.	5.7	20
68	A Parallel Reduction of Hamiltonian Cycle to Hamiltonian Path in Tournaments. Journal of Algorithms, 1995, 19, 432-440.	0.9	4