Leah Epstein

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1,806 178 30 22 g-index h-index citations papers 187 2,121 1 5.37 L-index ext. citations avg, IF ext. papers

#	Paper	IF	Citations
178	Randomized on-line scheduling on two uniform machines. <i>Journal of Scheduling</i> , 2001 , 4, 71-92	1.6	68
177	On-line scheduling of unit time jobs with rejection: minimizing the total completion time. <i>Operations Research Letters</i> , 2002 , 30, 415-420	1	61
176	Bin stretching revisited. <i>Acta Informatica</i> , 2003 , 39, 97-117	0.9	41
175	All-norm approximation algorithms. <i>Journal of Algorithms</i> , 2004 , 52, 120-133		40
174	New Bounds for Variable-Sized Online Bin Packing. SIAM Journal on Computing, 2003, 32, 455-469	1.1	40
173	Selfish Bin Packing. <i>Algorithmica</i> , 2011 , 60, 368-394	0.9	39
172	On Bin Packing with Conflicts. SIAM Journal on Optimization, 2008, 19, 1270-1298	2	37
171	Optimal preemptive semi-online scheduling to minimize makespan on two related machines. <i>Operations Research Letters</i> , 2002 , 30, 269-275	1	35
170	A lower bound for on-line scheduling on uniformly related machines. <i>Operations Research Letters</i> , 2000 , 26, 17-22	1	35
169	Improved Approximation Guarantees for Weighted Matching in the Semi-streaming Model. <i>SIAM Journal on Discrete Mathematics</i> , 2011 , 25, 1251-1265	0.7	34
168	The hierarchical model for load balancing on two machines. <i>Journal of Combinatorial Optimization</i> , 2008 , 15, 305-314	0.9	34
167	Optimal Online Algorithms for Multidimensional Packing Problems. <i>SIAM Journal on Computing</i> , 2005 , 35, 431-448	1.1	33
166	Online Bin Packing with Cardinality Constraints. SIAM Journal on Discrete Mathematics, 2006, 20, 1015-	103 9	30
165	Online square and cube packing. <i>Acta Informatica</i> , 2005 , 41, 595-606	0.9	29
164	An APTAS for Generalized Cost Variable-Sized Bin Packing. SIAM Journal on Computing, 2008 , 38, 411-4	28. 1	27
163	The (Weighted) Metric Dimension of Graphs: Hard and Easy Cases. <i>Algorithmica</i> , 2015 , 72, 1130-1171	0.9	26
162	On-line machine covering. <i>Journal of Scheduling</i> , 1998 , 1, 67-77	1.6	26

(2010-2010)

161	AFPTAS Results for Common Variants of Bin Packing: A New Method for Handling the Small Items. <i>SIAM Journal on Optimization</i> , 2010 , 20, 3121-3145	2	24
160	On-line machine covering. <i>Lecture Notes in Computer Science</i> , 1997 , 23-36	0.9	24
159	Bin packing with general cost structures. <i>Mathematical Programming</i> , 2012 , 132, 355-391	2.1	23
158	Scheduling with processing set restrictions: PTAS results for several variants. <i>International Journal of Production Economics</i> , 2011 , 133, 586-595	9.3	22
157	Better Bounds for Minimizing SONET ADMs. Lecture Notes in Computer Science, 2005, 281-294	0.9	22
156	Transactional Contention Management as a Non-Clairvoyant Scheduling Problem. <i>Algorithmica</i> , 2010 , 57, 44-61	0.9	21
155	Class constrained bin packing revisited. <i>Theoretical Computer Science</i> , 2010 , 411, 3073-3089	1.1	20
154	Separating online scheduling algorithms with the relative worst order ratio. <i>Journal of Combinatorial Optimization</i> , 2006 , 12, 363-386	0.9	20
153	Optimal preemptive on-line scheduling on uniform processors with non-decreasing speed ratios. <i>Operations Research Letters</i> , 2001 , 29, 93-98	1	20
152	Online scheduling with a buffer on related machines. <i>Journal of Combinatorial Optimization</i> , 2010 , 20, 161-179	0.9	19
151	Online bin packing with resource augmentation. Discrete Optimization, 2007, 4, 322-333	1	19
150	Comparing online algorithms for bin packing problems. <i>Journal of Scheduling</i> , 2012 , 15, 13-21	1.6	18
149	A robust APTAS for the classical bin packing problem. <i>Mathematical Programming</i> , 2009 , 119, 33-49	2.1	18
148	Online Interval Coloring and Variants. Lecture Notes in Computer Science, 2005, 602-613	0.9	18
147	Improved randomized results for the interval selection problem. <i>Theoretical Computer Science</i> , 2010 , 411, 3129-3135	1.1	17
146	Preemptive scheduling on a small number of hierarchical machines. <i>Information and Computation</i> , 2008 , 206, 602-619	0.8	17
145	Tight bounds for bandwidth allocation on two links. Discrete Applied Mathematics, 2005, 148, 181-188	1	17
144	Dynamic multi-dimensional bin packing. <i>Journal of Discrete Algorithms</i> , 2010 , 8, 356-372		16

143	Bounds for online bounded space hypercube packing. Discrete Optimization, 2007, 4, 185-197	1	16
142	On Bin Packing with Conflicts. Lecture Notes in Computer Science, 2007, 160-173	0.9	16
141	The maximum resource bin packing problem. <i>Theoretical Computer Science</i> , 2006 , 362, 127-139	1.1	16
140	Approximation schemes for covering and scheduling in related machines. <i>Lecture Notes in Computer Science</i> , 1998 , 39-47	0.9	16
139	Online File Caching with Rejection Penalties. <i>Algorithmica</i> , 2015 , 71, 279-306	0.9	14
138	Parametric Packing of Selfish Items and the Subset Sum Algorithm. <i>Algorithmica</i> , 2016 , 74, 177-207	0.9	14
137	On the online unit clustering problem. ACM Transactions on Algorithms, 2010, 7, 1-18	1.2	14
136	Equilibria for two parallel links: the strong price of anarchy versus the price of anarchy. <i>Acta Informatica</i> , 2010 , 47, 375-389	0.9	14
135	Bin Packing with Rejection Revisited. <i>Algorithmica</i> , 2010 , 56, 505-528	0.9	14
134	Optimal non-preemptive semi-online scheduling on two related machines. <i>Journal of Algorithms</i> , 2005 , 57, 49-73		14
133	Approximation Schemes for Scheduling on Uniformly Related and Identical Parallel Machines. <i>Lecture Notes in Computer Science</i> , 1999 , 151-162	0.9	14
132	On the absolute approximation ratio for First Fit and related results. <i>Discrete Applied Mathematics</i> , 2012 , 160, 1914-1923	1	13
131	Online Clustering with Variable Sized Clusters. <i>Algorithmica</i> , 2013 , 65, 251-274	0.9	13
130	Robust Approximation Schemes for Cube Packing. SIAM Journal on Optimization, 2013, 23, 1310-1343	2	13
129	Online variable-sized bin packing with conflicts. <i>Discrete Optimization</i> , 2011 , 8, 333-343	1	13
128	Maximizing the minimum load for selfish agents. <i>Theoretical Computer Science</i> , 2010 , 411, 44-57	1.1	13
127	Tight results for Next Fit and Worst Fit with resource augmentation. <i>Theoretical Computer Science</i> , 2010 , 411, 2572-2580	1.1	13
126	Online unit clustering: Variations on a theme. <i>Theoretical Computer Science</i> , 2008 , 407, 85-96	1.1	13

125	Approximation Schemes for Packing Splittable Items with Cardinality Constraints. <i>Algorithmica</i> , 2012 , 62, 102-129	0.9	12
124	Selfish bin packing with cardinality constraints. <i>Theoretical Computer Science</i> , 2013 , 495, 66-80	1.1	12
123	Max-min Online Allocations with a Reordering Buffer. <i>SIAM Journal on Discrete Mathematics</i> , 2011 , 25, 1230-1250	0.7	12
122	Improved Results for a Memory Allocation Problem. <i>Theory of Computing Systems</i> , 2011 , 48, 79-92	0.6	12
121	Bounds for online bin packing with cardinality constraints. <i>Information and Computation</i> , 2016 , 249, 190)-2084	12
120	Weighted Sum Coloring in Batch Scheduling of Conflicting Jobs. <i>Algorithmica</i> , 2009 , 55, 643-665	0.9	11
119	Two-dimensional online bin packing with rotation. <i>Theoretical Computer Science</i> , 2010 , 411, 2899-2911	1.1	11
118	More on online bin packing with two item sizes. <i>Discrete Optimization</i> , 2008 , 5, 705-713	1	11
117	Parametric Packing of Selfish Items and the Subset Sum Algorithm. <i>Lecture Notes in Computer Science</i> , 2009 , 67-78	0.9	11
116	Two-dimensional packing with conflicts. <i>Acta Informatica</i> , 2008 , 45, 155-175	0.9	10
115	Asymptotic fully polynomial approximation schemes for variants of open-end bin packing. <i>Information Processing Letters</i> , 2008 , 109, 32-37	0.8	10
114	Optimal preemptive scheduling for general target functions. <i>Journal of Computer and System Sciences</i> , 2006 , 72, 132-162	1	10
113	Tight Bounds on the Competitive Ratio on Accommodating Sequences for the Seat Reservation Problem. <i>Journal of Scheduling</i> , 2003 , 6, 131-147	1.6	10
	Problem: <i>Journal of Scheduling</i> , 2003 , 6, 131-147	1.0	
112	Maximizing the Minimum Load: The Cost of Selfishness. <i>Lecture Notes in Computer Science</i> , 2009 , 232-24		10
112			10
	Maximizing the Minimum Load: The Cost of Selfishness. <i>Lecture Notes in Computer Science</i> , 2009 , 232-24	43 .9	
111	Maximizing the Minimum Load: The Cost of Selfishness. <i>Lecture Notes in Computer Science</i> , 2009 , 232-24. Online Results for Black and White Bin Packing. <i>Theory of Computing Systems</i> , 2015 , 56, 137-155	4 3 .9 0.6	9

107	Semi-online scheduling with and of sequence Information. <i>Journal of Combinatorial Optimization</i> , 2007 , 14, 45-61	0.9	9
106	Vector assignment problems: a general framework. <i>Journal of Algorithms</i> , 2003 , 48, 360-384		9
105	A survey on makespan minimization in semi-online environments. <i>Journal of Scheduling</i> , 2018 , 21, 269-2	8:4 6	8
104	Maximizing the minimum load: The cost of selfishness. <i>Theoretical Computer Science</i> , 2013 , 482, 9-19	1.1	8
103	Robust Algorithms for Preemptive Scheduling. <i>Algorithmica</i> , 2014 , 69, 26-57	0.9	8
102	The price of anarchy on uniformly related machines revisited. <i>Information and Computation</i> , 2012 , 212, 37-54	0.8	8
101	Online Scheduling of Jobs with Fixed Start Times on Related Machines. <i>Algorithmica</i> , 2016 , 74, 156-176	0.9	7
100	Preemptive Online Scheduling with Reordering. SIAM Journal on Discrete Mathematics, 2011, 25, 21-49	0.7	7
99	On online bin packing with LIB constraints. Naval Research Logistics, 2009, 56, 780-786	1.5	7
98	Vector assignment schemes for asymmetric settings. <i>Acta Informatica</i> , 2006 , 42, 501-514	0.9	7
97	Two Dimensional Packing: The Power of Rotation. Lecture Notes in Computer Science, 2003, 398-407	0.9	7
96	On Variable-Sized Multidimensional Packing. <i>Lecture Notes in Computer Science</i> , 2004 , 287-298	0.9	7
95	Approximation Schemes for Packing Splittable Items with Cardinality Constraints. <i>Lecture Notes in Computer Science</i> , 2008 , 232-245	0.9	7
94	Selfish Bin Packing. <i>Lecture Notes in Computer Science</i> , 2008 , 368-380	0.9	7
93	Preemptive Online Scheduling with Reordering. Lecture Notes in Computer Science, 2009, 456-467	0.9	7
92	Robust Algorithms for Preemptive Scheduling. <i>Lecture Notes in Computer Science</i> , 2011 , 567-578	0.9	7
91	Bin Packing Games with Selfish Items. Lecture Notes in Computer Science, 2013, 8-21	0.9	7
90	A New Lower Bound for Classic Online Bin Packing. <i>Algorithmica</i> , 2021 , 83, 2047-2062	0.9	7

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89	Online scheduling of unit jobs on three machines with rejection: A tight result. <i>Information Processing Letters</i> , 2016 , 116, 252-255	0.8	6
88	The k-metric dimension. Journal of Combinatorial Optimization, 2017, 34, 1-30	0.9	6
87	The cost of selfishness for maximizing the minimum load on uniformly related machines. <i>Journal of Combinatorial Optimization</i> , 2014 , 27, 767-777	0.9	6
86	The conference call search problem in wireless networks. <i>Theoretical Computer Science</i> , 2006 , 359, 418-	-429	6
85	The Convergence Time for Selfish Bin Packing. Lecture Notes in Computer Science, 2014, 37-48	0.9	6
84	A lower bound for online rectangle packing. <i>Journal of Combinatorial Optimization</i> , 2019 , 38, 846-866	0.9	5
83	Lower Bounds for Several Online Variants of Bin Packing. <i>Theory of Computing Systems</i> , 2019 , 63, 1757-	178€0	5
82	Preemptive online scheduling with rejection of unit jobs on two uniformly related machines. <i>Journal of Scheduling</i> , 2014 , 17, 87-93	1.6	5
81	On the max coloring problem. <i>Theoretical Computer Science</i> , 2012 , 462, 23-38	1.1	5
80	Resource augmented semi-online bounded space bin packing. <i>Discrete Applied Mathematics</i> , 2009 , 157, 2785-2798	1	5
79	Better bounds for minimizing SONET ADMs. <i>Journal of Computer and System Sciences</i> , 2009 , 75, 122-13	61	5
78	The chord version for SONET ADMs minimization. <i>Theoretical Computer Science</i> , 2005 , 349, 337-346	1.1	5
77	Resource augmentation in load balancing. <i>Journal of Scheduling</i> , 2000 , 3, 249-258	1.6	5
76	A New Lower Bound for Classic Online Bin Packing. <i>Lecture Notes in Computer Science</i> , 2020 , 18-28	0.9	5
75	Colorful Bin Packing. Lecture Notes in Computer Science, 2014 , 170-181	0.9	5
74	Online Bounded Analysis. <i>Lecture Notes in Computer Science</i> , 2016 , 131-145	0.9	5
73	Lower Bounds for Several Online Variants of Bin Packing. Lecture Notes in Computer Science, 2018, 102-	-11.75	5
72	More on batched bin packing. <i>Operations Research Letters</i> , 2016 , 44, 273-277	1	5

71	Online Interval Coloring with Packing Constraints. Lecture Notes in Computer Science, 2005, 295-307	0.9	5
70	A new lower bound on the price of anarchy of selfish bin packing. <i>Information Processing Letters</i> , 2019 , 150, 6-12	0.8	4
69	Online bin packing with cardinality constraints resolved. <i>Journal of Computer and System Sciences</i> , 2020 , 112, 34-49	1	4
68	Bin covering with cardinality constraints. <i>Discrete Applied Mathematics</i> , 2013 , 161, 1975-1987	1	4
67	An AFPTAS for variable sized bin packing with general activation costs. <i>Journal of Computer and System Sciences</i> , 2017 , 84, 79-96	1	4
66	The weighted 2-metric dimension of trees in the non-landmarks model. <i>Discrete Optimization</i> , 2015 , 17, 123-135	1	4
65	Selfish Vector Packing. Lecture Notes in Computer Science, 2015, 471-482	0.9	4
64	Online scheduling with rejection and reordering: exact algorithms for unit size jobs. <i>Journal of Combinatorial Optimization</i> , 2014 , 28, 875-892	0.9	4
63	Selfish bin coloring. <i>Journal of Combinatorial Optimization</i> , 2011 , 22, 531-548	0.9	4
62	Graph coloring with rejection. Journal of Computer and System Sciences, 2011, 77, 439-447	1	4
61	Optimal On-Line Algorithms to Minimize Makespan on Two Machines with Resource Augmentation. <i>Theory of Computing Systems</i> , 2008 , 42, 431-449	0.6	4
60	Colored Bin Packing: Online Algorithms and Lower Bounds. <i>Algorithmica</i> , 2018 , 80, 155-184	0.9	4
59	Offline black and white bin packing. <i>Theoretical Computer Science</i> , 2015 , 596, 92-101	1.1	3
58	A note on a variant of the online open end bin packing problem. <i>Operations Research Letters</i> , 2020 , 48, 844-849	1	3
57	Pareto optimal equilibria for selfish bin packing with uniform cost sharing. <i>Journal of Combinatorial Optimization</i> , 2019 , 37, 827-847	0.9	3
56	Minimization of SONET ADMs in ring networks revisited. <i>Computing (Vienna/New York)</i> , 2010 , 87, 3-19	2.2	3
55	A PTAS for delay minimization in establishing wireless conference calls. <i>Discrete Optimization</i> , 2008 , 5, 88-96	1	3
54	Optimal on-line flow time with resource augmentation. <i>Discrete Applied Mathematics</i> , 2006 , 154, 611-6	21	3

53	More on weighted servers or FIFO is better than LRU. Theoretical Computer Science, 2003, 306, 305-317	1.1	3
52	On-Line Load Balancing of Temporary Tasks on Identical Machines. <i>SIAM Journal on Discrete Mathematics</i> , 2004 , 18, 347-352	0.7	3
51	The Price of Anarchy on Uniformly Related Machines Revisited. <i>Lecture Notes in Computer Science</i> , 2008 , 46-57	0.9	3
50	Improved Randomized Results for That Interval Selection Problem. <i>Lecture Notes in Computer Science</i> , 2008 , 381-392	0.9	3
49	An optimal online algorithm for scheduling with general machine cost functions. <i>Journal of Scheduling</i> , 2020 , 23, 155-162	1.6	3
48	Quality of strong equilibria for selfish bin packing with uniform cost sharing. <i>Journal of Scheduling</i> , 2019 , 22, 473-485	1.6	3
47	Online Bin Packing of Squares and Cubes. Lecture Notes in Computer Science, 2021, 357-370	0.9	3
46	The tight asymptotic approximation ratio of First Fit for bin packing with cardinality constraints. Journal of Computer and System Sciences, 2018 , 96, 33-49	1	3
45	The benefit of preemption with respect to the p norm. Operations Research Letters, 2018, 46, 462-468	1	3
44	On bin packing with clustering and bin packing with delays. <i>Discrete Optimization</i> , 2021 , 41, 100647	1	3
43	Vertex Cover Meets Scheduling. <i>Algorithmica</i> , 2016 , 74, 1148-1173	0.9	2
42	Robust algorithms for total completion time. <i>Discrete Optimization</i> , 2019 , 33, 70-86	1	2
41	Improved bounds for randomized preemptive online matching. <i>Information and Computation</i> , 2018 , 259, 31-40	0.8	2
40	Approximate strong equilibria in job scheduling games with two uniformly related machines. <i>Discrete Applied Mathematics</i> , 2013 , 161, 1843-1858	1	2
39	Variable Sized Online Interval Coloring with Bandwidth. <i>Algorithmica</i> , 2009 , 53, 385-401	0.9	2
38	Semi-online machine covering for two uniform machines. <i>Theoretical Computer Science</i> , 2009 , 410, 5047	'- <u>5.0</u> 62	2
37	Class Constrained Bin Covering. <i>Theory of Computing Systems</i> , 2010 , 46, 246-260	0.6	2
36	Minimizing the maximum starting time on-line. <i>Information and Computation</i> , 2004 , 195, 53-65	0.8	2

35	Approximation schemes for the Min-Max Starting Time Problem. <i>Acta Informatica</i> , 2004 , 40, 657	0.9	2
34	Online Variable Sized Covering. <i>Information and Computation</i> , 2001 , 171, 294-305	0.8	2
33	The Convergence Time for Selfish Bin Packing. <i>Acta Cybernetica</i> , 2018 , 23, 853-865	0.4	2
32	Caching Content under Digital Rights Management. Lecture Notes in Computer Science, 2009, 188-200	0.9	2
31	Online-bounded analysis. <i>Journal of Scheduling</i> , 2018 , 21, 429-441	1.6	2
30	Scheduling selfish jobs on multidimensional parallel machines. <i>Theoretical Computer Science</i> , 2017 , 694, 42-59	1.1	1
29	Scheduling selfish jobs on multidimensional parallel machines 2014,		1
28	Online Clustering with Variable Sized Clusters. Lecture Notes in Computer Science, 2010, 282-293	0.9	1
27	Paging with Request Sets. <i>Theory of Computing Systems</i> , 2009 , 44, 67-81	0.6	1
26	On the sum minimization version of the online bin covering problem. <i>Discrete Applied Mathematics</i> , 2010 , 158, 1381-1393	1	1
25	Randomized algorithms for online bounded bidding. <i>Information Processing Letters</i> , 2010 , 110, 503-506	0.8	1
24	Paging with connections: FIFO strikes again. <i>Theoretical Computer Science</i> , 2007 , 377, 55-64	1.1	1
23	Several Methods of Analysis for Cardinality Constrained Bin Packing. <i>Lecture Notes in Computer Science</i> , 2021 , 117-129	0.9	1
22	SONET ADMs Minimization with Divisible Paths. <i>Lecture Notes in Computer Science</i> , 2006 , 119-132	0.9	1
21	Max-min Online Allocations with a Reordering Buffer. Lecture Notes in Computer Science, 2010, 336-347	0.9	1
20	On Variants of File Caching. <i>Lecture Notes in Computer Science</i> , 2011 , 195-206	0.9	1
19	Online Scheduling of Jobs with Fixed Start Times on Related Machines. <i>Lecture Notes in Computer Science</i> , 2012 , 134-145	0.9	1
18	Quality of equilibria for selfish bin packing with cost sharing variants. <i>Discrete Optimization</i> , 2020 , 38, 100556	1	1

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17	Batch Coloring of Graphs. <i>Algorithmica</i> , 2018 , 80, 3293-3315	0.9	1
16	Vector Assignment Problems: A General Framework. <i>Lecture Notes in Computer Science</i> , 2002 , 461-473	0.9	1
15	Lower Bounds on The Performance of Online Algorithms for Relaxed Packing Problems. <i>Lecture Notes in Computer Science</i> , 2022 , 101-113	0.9	1
14	Preemptive scheduling on uniformly related machines: minimizing the sum of the largest pair of job completion times. <i>Journal of Scheduling</i> , 2017 , 20, 115-127	1.6	O
13	More on ordered open end bin packing. <i>Journal of Scheduling</i> , 2021 , 24, 589	1.6	O
12	Starting time minimization for the maximum job variant. <i>Discrete Applied Mathematics</i> , 2022 , 307, 79-87	7 1	O
11	Lower bounds for batched bin packing. Journal of Combinatorial Optimization,1	0.9	O
10	Special Issue on Approximation and Online Algorithms. <i>Theory of Computing Systems</i> , 2020 , 64, 569-570	0.6	
9	Lower bounds for online bin covering-type problems. <i>Journal of Scheduling</i> , 2019 , 22, 487-497	1.6	
8	Packing resizable items with application to video delivery over wireless networks. <i>Theoretical Computer Science</i> , 2014 , 553, 91-105	1.1	
7	On Equilibria for ADM Minimization Games. <i>Algorithmica</i> , 2012 , 63, 246-273	0.9	
6	SONET ADMs Minimization with Divisible Paths. <i>Algorithmica</i> , 2007 , 49, 51-68	0.9	
5	On Equilibria for ADM Minimization Games. Lecture Notes in Computer Science, 2009, 347-358	0.9	
4	Rent or Buy Problems with a Fixed Time Horizon. <i>Lecture Notes in Computer Science</i> , 2013 , 361-372	0.9	
3	On the performance guarantee of First Fit for sum coloring. <i>Journal of Computer and System Sciences</i> , 2019 , 99, 91-105	1	
2	Min-Sum Bin Packing. Journal of Combinatorial Optimization, 2018, 36, 508-531	0.9	
1	Selfish Vector Packing. <i>Algorithmica</i> , 2021 , 83, 2952-2988	0.9	