

Dana Shapira

List of Publications by Year in descending order

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73
papers

424
citations

759233
12
h-index

888059
17
g-index

75
all docs

75
docs citations

75
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Edit Distance with Move Operations. Lecture Notes in Computer Science, 2002, , 85-98.	1.3	36
2	Edit distance with move operations. Journal of Discrete Algorithms, 2007, 5, 380-392.	0.7	29
3	Flowshop scheduling with learning effect and job rejection. Journal of Scheduling, 2020, 23, 631-641.	1.9	23
4	Improved algorithms for scheduling on proportionate flowshop with job-rejection. Journal of the Operational Research Society, 2019, 70, 1997-2003.	3.4	19
5	Pattern matching in Huffman encoded texts. Information Processing and Management, 2005, 41, 829-841.	8.6	18
6	Adapting the Knuthâ€“Morrisâ€“Pratt algorithm for pattern matching in Huffman encoded texts. Information Processing and Management, 2006, 42, 429-439.	8.6	18
7	In Place Differential File Compression. Computer Journal, 2005, 48, 677-691.	2.4	17
8	Random access to Fibonacci encoded files. Discrete Applied Mathematics, 2016, 212, 115-128.	0.9	16
9	COMPRESSED PATTERN MATCHING IN JPEG IMAGES. International Journal of Foundations of Computer Science, 2006, 17, 1297-1306.	1.1	14
10	Scheduling with regular performance measures and optional job rejection on a single machine. Journal of the Operational Research Society, 2020, 71, 1315-1325.	3.4	13
11	Compressed Matching in Dictionaries. Algorithms, 2011, 4, 61-74.	2.1	12
12	Regular scheduling measures on proportionate flowshop with job rejection. Computational and Applied Mathematics, 2020, 39, 1.	2.2	11
13	Single machine lot scheduling with optional job-rejection. Journal of Combinatorial Optimization, 2021, 41, 1-11.	1.3	11
14	On improving Tunstall codes. Information Processing and Management, 2011, 47, 777-785.	8.6	10
15	A space efficient direct access data structure. Journal of Discrete Algorithms, 2017, 43, 26-37.	0.7	10
16	Forward Looking Huffman Coding. Theory of Computing Systems, 2021, 65, 593-612.	1.1	10
17	Improved Variable-to-Fixed Length Codes. Lecture Notes in Computer Science, 2008, , 39-50.	1.3	10
18	Compressed matching for feature vectors. Theoretical Computer Science, 2016, 638, 52-62.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Context Sensitive Rewriting Codes for Flash Memory. Computer Journal, 2019, 62, 20-29.	2.4	8
20	Weighted Adaptive Huffman Coding. , 2020, , .		7
21	Single machine scheduling with non-availability interval and optional job rejection. Journal of Combinatorial Optimization, 2022, 44, 480-497.	1.3	7
22	Searching in compressed dictionaries. , 0, , .		6
23	In-place differential file compression. , 0, , .		6
24	Compressed Delta Encoding for LZSS Encoded Files. , 2007, , .		5
25	Neural Markovian Predictive Compression: An Algorithm for Online Lossless Data Compression. , 2010, , .		5
26	Huffman Coding with Non-Sorted Frequencies. Mathematics in Computer Science, 2011, 5, 171-178.	0.4	5
27	Practical fixed length Lempel-Ziv coding. Discrete Applied Mathematics, 2014, 163, 326-333.	0.9	5
28	Integrated encryption in dynamic arithmetic compression. Information and Computation, 2021, 279, 104617.	0.7	5
29	Minsum scheduling with acceptable lead-times and optional job rejection. Optimization Letters, 2022, 16, 1073-1091.	1.6	5
30	MODELING DELTA ENCODING OF COMPRESSED FILES. International Journal of Foundations of Computer Science, 2008, 19, 137-146.	1.1	4
31	Compressed Transitive Delta Encoding. , 2009, , .		4
32	Edit Distance with Block Deletions. Algorithms, 2011, 4, 40-60.	2.1	4
33	Accelerated partial decoding in wavelet trees. Discrete Applied Mathematics, 2020, 274, 2-10.	0.9	4
34	Lot scheduling on a single machine to minimize the (weighted) number of tardy orders. Information Processing Letters, 2020, 164, 106009.	0.6	4
35	Modeling Delta Encoding of Compressed Files. , 0, , .		3
36	The String-to-Dictionary Matching Problem. , 2011, , .		3

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37	Bidirectional delta files. Information Processing and Management, 2012, 48, 587-597.	8.6	3
38	On the Randomness of Compressed Data. Information (Switzerland), 2020, 11, 196.	2.9	3
39	Smaller Compressed Suffix Arrays. Computer Journal, 2021, 64, 721-730.	2.4	3
40	Optimal skeleton and reduced Huffman trees. Theoretical Computer Science, 2021, 852, 157-171.	0.9	3
41	Backward Weighted Coding. , 2021, , .		3
42	Forward Looking Huffman Coding. Lecture Notes in Computer Science, 2019, , 203-214.	1.3	3
43	Applying Compression to Hierarchical Clustering. Lecture Notes in Computer Science, 2018, , 151-162.	1.3	2
44	Huffman Coding with Non-sorted Frequencies. Proceedings of the Data Compression Conference, 2008, , .	0.0	1
45	Boosting the Compression of Rewriting on Flash Memory. , 2014, , .		1
46	Direct Processing of Compressed SIFT Feature Vectors. , 2014, , .		1
47	A Space Efficient Direct Access Data Structure. , 2016, , .		1
48	Selective Dynamic Compression. , 2019, , .		1
49	Better Than Optimal Huffman Coding?. , 2019, , .		1
50	Enhanced Context Sensitive Flash Codes. Computer Journal, 0, , .	2.4	1
51	Lossless Compression of Rotated Maskless Lithography Images. Lecture Notes in Computer Science, 2013, , 186-196.	1.3	1
52	Integrated Encryption in Dynamic Arithmetic Compression. Lecture Notes in Computer Science, 2017, , 143-154.	1.3	1
53	On the Randomness of Compressed Data. , 2019, , .		1
54	New Approaches for Context Sensitive Flash Codes. Lecture Notes in Computer Science, 2019, , 45-57.	1.3	1

#	ARTICLE	IF	CITATIONS
55	Non-Binary Robust Universal Variable Length Codes. , 2020, , .		1
56	Combining Forward Compression with PPM. SN Computer Science, 2022, 3, 1.	3.6	1
57	Weighted forward looking adaptive coding. Theoretical Computer Science, 2022, 930, 86-99.	0.9	1
58	Bidirectional Delta Files. , 2010, , .		0
59	The String-to-Dictionary Matching Problem. Computer Journal, 2012, 55, 1347-1356.	2.4	0
60	Reputation Prediction of Anomaly Detection Algorithms for Reliable System. , 2014, , .		0
61	Enhanced Direct Access to Huffman Encoded Files. , 2015, , .		0
62	Analysis of a Rewriting Compression System for Flash Memory. , 2016, , .		0
63	Hierarchical Parallel Evaluation of a Hamming Code. Algorithms, 2017, 10, 50.	2.1	0
64	Fibonacci Based Compressed Suffix Array. , 2018, , .		0
65	Compressed Hierarchical Clustering. , 2018, , .		0
66	Edit Distance with Multiple Block Operationsâ€. Computer Journal, 2019, 62, 657-669.	2.4	0
67	Enhanced Context Sensitive Flash Codes. , 2019, , .		0
68	Direct merging of delta encoded files. Discrete Applied Mathematics, 2020, 274, 130-140.	0.9	0
69	Dynamic determination of variable sizes of chunks in a deduplication system. Discrete Applied Mathematics, 2020, 274, 81-91.	0.9	0
70	Guided Blocks WOM codes. , 2021, , .		0
71	Scheduling problems on a new setting of flexible flowshops: â€,“-Machine proportionate flowshops. Journal of the Operational Research Society, 0, , 1-18.	3.4	0
72	Selective Weighted Adaptive Coding. , 2022, , .		0

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73	A Huffman Code Based Crypto-System. , 2022, , .		0