

Dana Shapira

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

269
citations

10
h-index

13
g-index

75
ext. papers

359
ext. citations

1.6
avg, IF

4.09
L-index

#	Paper	IF	Citations
57	Edit Distance with Move Operations. <i>Lecture Notes in Computer Science</i> , 2002 , 85-98	0.8	33
56	Edit distance with move operations. <i>Journal of Discrete Algorithms</i> , 2007 , 5, 380-392		23
55	Improved algorithms for scheduling on proportionate flowshop with job-rejection. <i>Journal of the Operational Research Society</i> , 2019 , 70, 1997-2003	2	15
54	Flowshop scheduling with learning effect and job rejection. <i>Journal of Scheduling</i> , 2020 , 23, 631-641	1.5	15
53	Adapting the KnuthMorrisBratt algorithm for pattern matching in Huffman encoded texts. <i>Information Processing and Management</i> , 2006 , 42, 429-439	6	13
52	Pattern matching in Huffman encoded texts. <i>Information Processing and Management</i> , 2005 , 41, 829-8416		12
51	Random access to Fibonacci encoded files. <i>Discrete Applied Mathematics</i> , 2016 , 212, 115-128	1	12
50	Large Edit Distance with Multiple Block Operations. <i>Lecture Notes in Computer Science</i> , 2003 , 369-377	0.8	11
49	COMPRESSED PATTERN MATCHING IN JPEG IMAGES. <i>International Journal of Foundations of Computer Science</i> , 2006 , 17, 1297-1306	0.6	10
48	In Place Differential File Compression. <i>Computer Journal</i> , 2005 , 48, 677-691	1.3	10
47	A space efficient direct access data structure. <i>Journal of Discrete Algorithms</i> , 2017 , 43, 26-37		9
46	Regular scheduling measures on proportionate flowshop with job rejection. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.3	9
45	Compressed Matching in Dictionaries. <i>Algorithms</i> , 2011 , 4, 61-74	1.8	9
44	Scheduling with regular performance measures and optional job rejection on a single machine. <i>Journal of the Operational Research Society</i> , 2020 , 71, 1315-1325	2	9
43	On improving Tunstall codes. <i>Information Processing and Management</i> , 2011 , 47, 777-785	6	6
42	Improved Variable-to-Fixed Length Codes. <i>Lecture Notes in Computer Science</i> , 2008 , 39-50	0.8	6
41	Compressed matching for feature vectors. <i>Theoretical Computer Science</i> , 2016 , 638, 52-62	1	5

40				5
39	Searching in compressed dictionaries			5
38	2020,			4
37	Single machine lot scheduling with optional job-rejection. <i>Journal of Combinatorial Optimization</i> , 2021 , 41, 1-11	0.8		4
36	Context Sensitive Rewriting Codes for Flash Memory <i>Computer Journal</i> , 2019 , 62, 20-29	1.3		3
35	Practical fixed length Lempel-Ziv coding. <i>Discrete Applied Mathematics</i> , 2014 , 163, 326-333	1		3
34	Bidirectional delta files. <i>Information Processing and Management</i> , 2012 , 48, 587-597	6		3
33	Edit Distance with Block Deletions. <i>Algorithms</i> , 2011 , 4, 40-60	1.8		3
32	Accelerated partial decoding in wavelet trees. <i>Discrete Applied Mathematics</i> , 2020 , 274, 2-10	1		3
31	Huffman Coding with Non-Sorted Frequencies. <i>Mathematics in Computer Science</i> , 2011 , 5, 171-178	0.5		2
30	Neural Markovian Predictive Compression: An Algorithm for Online Lossless Data Compression 2010,			2
29	Compressed Transitive Delta Encoding 2009,			2
28	Compressed Delta Encoding for LZSS Encoded Files 2007,			2
27	Modeling delta encoding of compressed files			2
26	Forward Looking Huffman Coding. <i>Lecture Notes in Computer Science</i> , 2019 , 203-214	0.8		2
25	Forward Looking Huffman Coding. <i>Theory of Computing Systems</i> , 2021 , 65, 593-612	0.6		2
24	Optimal skeleton and reduced Huffman trees. <i>Theoretical Computer Science</i> , 2021 , 852, 157-171	1		2
23	On the Randomness of Compressed Data. <i>Information (Switzerland)</i> , 2020 , 11, 196	2.5		1

22	Boosting the Compression of Rewriting on Flash Memory 2014 ,		1
21	The String-to-Dictionary Matching Problem 2011 ,		1
20	MODELING DELTA ENCODING OF COMPRESSED FILES. <i>International Journal of Foundations of Computer Science</i> , 2008 , 19, 137-146	0.6	1
19	Applying Compression to Hierarchical Clustering. <i>Lecture Notes in Computer Science</i> , 2018 , 151-162	0.8	1
18	Lossless Compression of Rotated Maskless Lithography Images. <i>Lecture Notes in Computer Science</i> , 2013 , 186-196	0.8	1
17	Integrated Encryption in Dynamic Arithmetic Compression. <i>Lecture Notes in Computer Science</i> , 2017 , 143-154	0.8	1
16	Optimal Skeleton Huffman Trees. <i>Lecture Notes in Computer Science</i> , 2017 , 241-253	0.8	1
15	Lot scheduling on a single machine to minimize the (weighted) number of tardy orders. <i>Information Processing Letters</i> , 2020 , 164, 106009	0.8	1
14	Selective Dynamic Compression 2019 ,		1
13	Integrated encryption in dynamic arithmetic compression. <i>Information and Computation</i> , 2021 , 279, 10461.8	1	1
12	Backward Weighted Coding 2021 ,		1
11	Single machine scheduling with non-availability interval and optional job rejection. <i>Journal of Combinatorial Optimization</i> ,1	0.8	0
10	New Approaches for Context Sensitive Flash Codes. <i>Lecture Notes in Computer Science</i> , 2019 , 45-57	0.8	0
9	Smaller Compressed Suffix Arrays <i>Computer Journal</i> , 2021 , 64, 721-730	1.3	0
8	Minsum scheduling with acceptable lead-times and optional job rejection. <i>Optimization Letters</i> ,1	1.1	0
7	Combining Forward Compression with PPM. <i>SN Computer Science</i> , 2022 , 3, 1	1.9	0
6	Edit Distance with Multiple Block Operations <i>Computer Journal</i> , 2019 , 62, 657-669	1.3	
5	Hierarchical Parallel Evaluation of a Hamming Code. <i>Algorithms</i> , 2017 , 10, 50	1.8	

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| 4 | The String-to-Dictionary Matching Problem. <i>Computer Journal</i> , 2012 , 55, 1347-1356 | 1,3 |
| 3 | Scheduling problems on a new setting of flexible flowshops: EMachine proportionate flowshops. <i>Journal of the Operational Research Society</i> , 1-18 | 2 |
| 2 | Direct merging of delta encoded files. <i>Discrete Applied Mathematics</i> , 2020 , 274, 130-140 | 1 |
| 1 | Dynamic determination of variable sizes of chunks in a deduplication system. <i>Discrete Applied Mathematics</i> , 2020 , 274, 81-91 | 1 |