

Dana Shapira

List of Publications by Year in Descending Order

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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.

58
papers

261
citations

10
h-index

13
g-index

75
ext. papers

337
ext. citations

1.6
avg, IF

4.09
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 58 | Combining Forward Compression with PPM. <i>SN Computer Science</i> , 2022 , 3, 1 | 1.9 | |
| 57 | Smaller Compressed Suffix Arrays <i>Computer Journal</i> , 2021 , 64, 721-730 | 1.3 | 0 |
| 56 | Integrated encryption in dynamic arithmetic compression. <i>Information and Computation</i> , 2021 , 279, 1046-118 | 1.8 | 2 |
| 55 | Forward Looking Huffman Coding. <i>Theory of Computing Systems</i> , 2021 , 65, 593-612 | 0.6 | 2 |
| 54 | Single machine lot scheduling with optional job-rejection. <i>Journal of Combinatorial Optimization</i> , 2021 , 41, 1-11 | 0.8 | 4 |
| 53 | Optimal skeleton and reduced Huffman trees. <i>Theoretical Computer Science</i> , 2021 , 852, 157-171 | 1 | 1 |
| 52 | Backward Weighted Coding 2021 , | | 2 |
| 51 | Accelerated partial decoding in wavelet trees. <i>Discrete Applied Mathematics</i> , 2020 , 274, 2-10 | 1 | 3 |
| 50 | Direct merging of delta encoded files. <i>Discrete Applied Mathematics</i> , 2020 , 274, 130-140 | 1 | |
| 49 | Dynamic determination of variable sizes of chunks in a deduplication system. <i>Discrete Applied Mathematics</i> , 2020 , 274, 81-91 | 1 | |
| 48 | 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 | 8 |
| 47 | Flowshop scheduling with learning effect and job rejection. <i>Journal of Scheduling</i> , 2020 , 23, 631-641 | 1.5 | 13 |
| 46 | 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 |
| 45 | Regular scheduling measures on proportionate flowshop with job rejection. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1 | 2.3 | 8 |
| 44 | On the Randomness of Compressed Data. <i>Information (Switzerland)</i> , 2020 , 11, 196 | 2.5 | 1 |
| 43 | 2020 , | | 2 |
| 42 | Improved algorithms for scheduling on proportionate flowshop with job-rejection. <i>Journal of the Operational Research Society</i> , 2019 , 70, 1997-2003 | 2 | 15 |

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|----|---|-----|----|
| 41 | Edit Distance with Multiple Block Operations <i>Computer Journal</i> , 2019 , 62, 657-669 | 1.3 | |
| 40 | Context Sensitive Rewriting Codes for Flash Memory <i>Computer Journal</i> , 2019 , 62, 20-29 | 1.3 | 3 |
| 39 | Selective Dynamic Compression 2019 , | | 1 |
| 38 | On the Randomness of Compressed Data 2019 , | | 1 |
| 37 | Forward Looking Huffman Coding. <i>Lecture Notes in Computer Science</i> , 2019 , 203-214 | 0.8 | 2 |
| 36 | New Approaches for Context Sensitive Flash Codes. <i>Lecture Notes in Computer Science</i> , 2019 , 45-57 | 0.8 | 0 |
| 35 | Applying Compression to Hierarchical Clustering. <i>Lecture Notes in Computer Science</i> , 2018 , 151-162 | 0.8 | 1 |
| 34 | Hierarchical Parallel Evaluation of a Hamming Code. <i>Algorithms</i> , 2017 , 10, 50 | 1.8 | |
| 33 | A space efficient direct access data structure. <i>Journal of Discrete Algorithms</i> , 2017 , 43, 26-37 | | 9 |
| 32 | Integrated Encryption in Dynamic Arithmetic Compression. <i>Lecture Notes in Computer Science</i> , 2017 , 143-154 | 0.8 | 1 |
| 31 | Optimal Skeleton Huffman Trees. <i>Lecture Notes in Computer Science</i> , 2017 , 241-253 | 0.8 | 1 |
| 30 | Compressed matching for feature vectors. <i>Theoretical Computer Science</i> , 2016 , 638, 52-62 | 1 | 5 |
| 29 | Random access to Fibonacci encoded files. <i>Discrete Applied Mathematics</i> , 2016 , 212, 115-128 | 1 | 12 |
| 28 | Boosting the Compression of Rewriting on Flash Memory 2014 , | | 1 |
| 27 | Practical fixed length Lempel-Ziv coding. <i>Discrete Applied Mathematics</i> , 2014 , 163, 326-333 | 1 | 1 |
| 26 | Lossless Compression of Rotated Maskless Lithography Images. <i>Lecture Notes in Computer Science</i> , 2013 , 186-196 | 0.8 | 1 |
| 25 | Bidirectional delta files. <i>Information Processing and Management</i> , 2012 , 48, 587-597 | 6 | 3 |
| 24 | The String-to-Dictionary Matching Problem. <i>Computer Journal</i> , 2012 , 55, 1347-1356 | 1.3 | |

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| 23 | On improving Tunstall codes. <i>Information Processing and Management</i> , 2011 , 47, 777-785 | 6 | 7 |
| 22 | Huffman Coding with Non-Sorted Frequencies. <i>Mathematics in Computer Science</i> , 2011 , 5, 171-178 | 0.5 | 2 |
| 21 | The String-to-Dictionary Matching Problem 2011 , | | 1 |
| 20 | Edit Distance with Block Deletions. <i>Algorithms</i> , 2011 , 4, 40-60 | 1.8 | 3 |
| 19 | Compressed Matching in Dictionaries. <i>Algorithms</i> , 2011 , 4, 61-74 | 1.8 | 9 |
| 18 | Neural Markovian Predictive Compression: An Algorithm for Online Lossless Data Compression 2010 , | | 2 |
| 17 | Compressed Transitive Delta Encoding 2009 , | | 2 |
| 16 | MODELING DELTA ENCODING OF COMPRESSED FILES. <i>International Journal of Foundations of Computer Science</i> , 2008 , 19, 137-146 | 0.6 | 1 |
| 15 | Improved Variable-to-Fixed Length Codes. <i>Lecture Notes in Computer Science</i> , 2008 , 39-50 | 0.8 | 6 |
| 14 | Compressed Delta Encoding for LZSS Encoded Files 2007 , | | 2 |
| 13 | Edit distance with move operations. <i>Journal of Discrete Algorithms</i> , 2007 , 5, 380-392 | | 23 |
| 12 | Adapting the Knuth-Morris-Pratt algorithm for pattern matching in Huffman encoded texts. <i>Information Processing and Management</i> , 2006 , 42, 429-439 | 6 | 12 |
| 11 | COMPRESSED PATTERN MATCHING IN JPEG IMAGES. <i>International Journal of Foundations of Computer Science</i> , 2006 , 17, 1297-1306 | 0.6 | 10 |
| 10 | In Place Differential File Compression. <i>Computer Journal</i> , 2005 , 48, 677-691 | 1.3 | 8 |
| 9 | Pattern matching in Huffman encoded texts. <i>Information Processing and Management</i> , 2005 , 41, 829-8416 | | 11 |
| 8 | Large Edit Distance with Multiple Block Operations. <i>Lecture Notes in Computer Science</i> , 2003 , 369-377 | 0.8 | 10 |
| 7 | Edit Distance with Move Operations. <i>Lecture Notes in Computer Science</i> , 2002 , 85-98 | 0.8 | 27 |
| 6 | Scheduling problems on a new setting of flexible flowshops: Machine proportionate flowshops. <i>Journal of the Operational Research Society</i> , 1-18 | 2 | |

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| 5 | Minsum scheduling with acceptable lead-times and optional job rejection. <i>Optimization Letters</i> ,1 | 1.1 |
| 4 | Modeling delta encoding of compressed files | 1 |
| 3 | | 4 |
| 2 | Searching in compressed dictionaries | 3 |
| 1 | Single machine scheduling with non-availability interval and optional job rejection. <i>Journal of Combinatorial Optimization</i> ,1 | 0.8 0 |