Publications:

**Dynamic Relative Compression, Dynamic Partial Sums, and Substring Concatenation**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Fingerprints in compressed strings**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Time-space trade-offs for lempel-ziv compressed indexing**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Boxed Permutation Pattern Matching.**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

**Dynamic and approximate pattern matching in 2D**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

**Dynamic Relative Compression, Dynamic Partial Sums, and Substring Concatenation**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

**Sparse Text Indexing in Small Space**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**A suffix tree or not a suffix tree?**
Publication: Research - peer-review › Journal article – Annual report year: 2015

**A Suffix Tree Or Not a Suffix Tree?**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

**Longest Common Extensions in Sublinear Space**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

**Topics in combinatorial pattern matching**
Publication: Research › Ph.D. thesis – Annual report year: 2015

**String Indexing for Patterns with Wildcards**
Publication: Research - peer-review › Journal article – Annual report year: 2014

**Sublinear Space Algorithms for the Longest Common Substring Problem**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

**Time–space trade-offs for longest common extensions**
Publication: Research - peer-review › Journal article – Annual report year: 2014

**Fingerprints in Compressed Strings**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Sparse suffix tree construction in small space
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

The hardness of the functional orientation 2-color problem
Publication: Research - peer-review › Journal article – Annual report year: 2014

Time-Space Trade-Offs for the Longest Common Substring Problem
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

String Indexing for Patterns With Wildcards
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

String matching with variable length gaps
Publication: Research - peer-review › Journal article – Annual report year: 2012

Time-Space Trade-offs for Longest Common Extensions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

String Matching with Variable Length Gaps
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Projects:

Approximate Text Indexing and String Matching Algorithms
Project: PhD