

Gonzalo Navarro

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.

335
papers

8,519
citations

39
h-index

81
g-index

375
ext. papers

10,301
ext. citations

1.7
avg, IF

6.79
L-index

#	Paper	IF	Citations
335	Engineering Practical Lempel-Ziv Tries. <i>Journal of Experimental Algorithmics</i> , 2021 , 26, 1-47	1.1	
334	Range Majorities and Minorities in Arrays. <i>Algorithmica</i> , 2021 , 83, 1707-1733	0.9	
333	Indexing Highly Repetitive String Collections, Part II. <i>ACM Computing Surveys</i> , 2021 , 54, 1-32	13.4	5
332	Indexing Highly Repetitive String Collections, Part I. <i>ACM Computing Surveys</i> , 2021 , 54, 1-31	13.4	7
331	Faster repetition-aware compressed suffix trees based on Block Trees. <i>Information and Computation</i> , 2021 , 104749	0.8	2
330	Grammar-compressed indexes with logarithmic search time. <i>Journal of Computer and System Sciences</i> , 2021 , 118, 53-74	1	3
329	Worst-Case Optimal Graph Joins in Almost No Space 2021 ,		5
328	An index for moving objects with constant-time access to their compressed trajectories. <i>International Journal of Geographical Information Science</i> , 2021 , 35, 1392-1424	4.1	1
327	Compact structure for sparse undirected graphs based on a clique graph partition. <i>Information Sciences</i> , 2021 , 544, 485-499	7.7	5
326	Block trees. <i>Journal of Computer and System Sciences</i> , 2021 , 117, 1-22	1	5
325	. <i>IEEE Transactions on Information Theory</i> , 2021 , 67, 1008-1026	2.8	6
324	PFP Compressed Suffix Trees. 2021 , 2021, 60-72		4
323	On Stricter Reachable Repetitiveness Measures. <i>Lecture Notes in Computer Science</i> , 2021 , 193-206	0.9	1
322	An LMS-Based Grammar Self-index with Local Consistency Properties. <i>Lecture Notes in Computer Science</i> , 2021 , 100-113	0.9	0
321	A grammar compressor for collections of reads with applications to the construction of the BWT 2021 ,		2
320	Optimal-Time Dictionary-Compressed Indexes. <i>ACM Transactions on Algorithms</i> , 2021 , 17, 1-39	1.2	13
319	Lempel-Ziv-Like Parsing in Small Space. <i>Algorithmica</i> , 2020 , 82, 3195-3215	0.9	5

318	Compressed Dynamic Range Majority and Minority Data Structures. <i>Algorithmica</i> , 2020 , 82, 2063-2086	0.9	1
317	Fully Functional Suffix Trees and Optimal Text Searching in BWT-Runs Bounded Space. <i>Journal of the ACM</i> , 2020 , 67, 1-54	2	37
316	Contextual Pattern Matching. <i>Lecture Notes in Computer Science</i> , 2020 , 3-10	0.9	
315	Practical Random Access to SLP-Compressed Texts. <i>Lecture Notes in Computer Science</i> , 2020 , 221-231	0.9	4
314	Towards a Definitive Measure of Repetitiveness. <i>Lecture Notes in Computer Science</i> , 2020 , 207-219	0.9	14
313	Fast Compressed Self-indexes with Deterministic Linear-Time Construction. <i>Algorithmica</i> , 2020 , 82, 316-337	2	
312	Fast and compact planar embeddings. <i>Computational Geometry: Theory and Applications</i> , 2020 , 89, 1016-1034	0.4	3
311	On Dynamic Succinct Graph Representations 2020 ,		2
310	Tree path majority data structures. <i>Theoretical Computer Science</i> , 2020 , 833, 107-119	1.1	
309	Parallel computation of the Burrows Wheeler Transform in compact space. <i>Theoretical Computer Science</i> , 2020 , 812, 123-136	1.1	2
308	Ranked document selection. <i>Theoretical Computer Science</i> , 2020 , 812, 149-159	1.1	0
307	Extending general compact queriable representations to GIS applications. <i>Information Sciences</i> , 2020 , 506, 196-216	7.7	5
306	Cell cycle and protein complex dynamics in discovering signaling pathways. <i>Journal of Bioinformatics and Computational Biology</i> , 2019 , 17, 1950011	1	
305	GraCT: A Grammar-based Compressed Index for Trajectory Data. <i>Information Sciences</i> , 2019 , 483, 106-135	7.7	12
304	Path queries on functions. <i>Theoretical Computer Science</i> , 2019 , 770, 34-50	1.1	1
303	Compressed filesystem for managing large genome collections. <i>Bioinformatics</i> , 2019 , 35, 4120-4128	7.2	0
302	On the reproducibility of experiments of indexing repetitive document collections. <i>Information Systems</i> , 2019 , 83, 181-194	2.7	2
301	Document listing on repetitive collections with guaranteed performance. <i>Theoretical Computer Science</i> , 2019 , 772, 58-72	1.1	5

300	Lempel-Ziv compressed structures for document retrieval. <i>Information and Computation</i> , 2019 , 265, 1-25	0.8	0
299	Tunneling on Wheeler Graphs 2019 ,		5
298	Improved Compressed String Dictionaries 2019 ,		2
297	Fast, Small, and Simple Document Listing on Repetitive Text Collections. <i>Lecture Notes in Computer Science</i> , 2019 , 482-498	0.9	2
296	Faster Dynamic Compressed d-ary Relations. <i>Lecture Notes in Computer Science</i> , 2019 , 419-433	0.9	1
295	Rpair: Rescaling RePair with Rsync. <i>Lecture Notes in Computer Science</i> , 2019 , 35-44	0.9	9
294	RePair and All Irreducible Grammars are Upper Bounded by High-Order Empirical Entropy. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 3160-3164	2.8	12
293	Universal compressed text indexing. <i>Theoretical Computer Science</i> , 2019 , 762, 41-50	1.1	19
292	Optimal-Time Text Indexing in BWT-runs Bounded Space 2018 , 1459-1477		24
291	On the Approximation Ratio of Lempel-Ziv Parsing. <i>Lecture Notes in Computer Science</i> , 2018 , 490-503	0.9	6
290	Relative Suffix Trees. <i>Computer Journal</i> , 2018 , 61, 773-788	1.3	9
289	An empirical evaluation of intrinsic dimension estimators. <i>Information Systems</i> , 2017 , 64, 206-218	2.7	11
288	Improved Range Minimum Queries. <i>Journal of Discrete Algorithms</i> , 2017 , 43, 72-80		7
287	A succinct data structure for self-indexing ternary relations. <i>Journal of Discrete Algorithms</i> , 2017 , 43, 38-53		9
286	Time-Optimal Top- k Document Retrieval. <i>SIAM Journal on Computing</i> , 2017 , 46, 80-113	1.1	9
285	Compressed Dynamic Range Majority Data Structures 2017 ,		2
284	Top-k Term-Proximity in Succinct Space. <i>Algorithmica</i> , 2017 , 78, 379-393	0.9	1
283	Practical Compact Indexes for Top- k Document Retrieval. <i>Journal of Experimental Algorithmics</i> , 2017 , 22, 1-37	1.1	

282	Compressed representation of dynamic binary relations with applications. <i>Information Systems</i> , 2017 , 69, 106-123	2.7	10
281	Document retrieval on repetitive string collections. <i>Information Retrieval</i> , 2017 , 20, 253-291	1.8	10
280	Asymptotically Optimal Encodings of Range Data Structures for Selection and Top- k Queries. <i>ACM Transactions on Algorithms</i> , 2017 , 13, 1-31	1.2	4
279	Inverted Treaps. <i>ACM Transactions on Information Systems</i> , 2017 , 35, 1-45	4.8	1
278	Space-Efficient Construction of Compressed Indexes in Deterministic Linear Time 2017 ,		10
277	Grammar compressed sequences with rank/select support. <i>Journal of Discrete Algorithms</i> , 2017 , 43, 54-71		1
276	Protein complex prediction via dense subgraphs and false positive analysis. <i>PLoS ONE</i> , 2017 , 12, e0183467	6	
275	Efficient Compression and Indexing of Trajectories. <i>Lecture Notes in Computer Science</i> , 2017 , 103-115	0.9	2
274	A Self-index on Block Trees. <i>Lecture Notes in Computer Science</i> , 2017 , 278-289	0.9	4
273	LZ78 Compression in Low Main Memory Space. <i>Lecture Notes in Computer Science</i> , 2017 , 38-50	0.9	4
272	Text Index Compression 2017 , 1-6		
271	Optimal Encodings for Range Majority Queries. <i>Algorithmica</i> , 2016 , 74, 1082-1098	0.9	4
270	New dynamic metric indices for secondary memory. <i>Information Systems</i> , 2016 , 59, 48-78	2.7	10
269	Practical compressed string dictionaries. <i>Information Systems</i> , 2016 , 56, 73-108	2.7	29
268	Faster Compressed Suffix Trees for Repetitive Collections. <i>Journal of Experimental Algorithmics</i> , 2016 , 21, 1-38	1.1	10
267	GraCT: A Grammar Based Compressed Representation of Trajectories. <i>Lecture Notes in Computer Science</i> , 2016 , 218-230	0.9	3
266	Efficient and Compact Representations of Some Non-canonical Prefix-Free Codes. <i>Lecture Notes in Computer Science</i> , 2016 , 50-60	0.9	1
265	Compact Data Structures: A Practical Approach 2016 ,		87

264	Practical Dynamic Entropy-Compressed Bitvectors with Applications. <i>Lecture Notes in Computer Science</i> , 2016 , 105-117	0.9	4
263	Improved Range Minimum Queries 2016 ,		4
262	Reporting consecutive substring occurrences under bounded gap constraints. <i>Theoretical Computer Science</i> , 2016 , 638, 108-111	1.1	0
261	Simple and efficient fully-functional succinct trees. <i>Theoretical Computer Science</i> , 2016 , 656, 135-145	1.1	7
260	Aggregated 2D range queries on clustered points. <i>Information Systems</i> , 2016 , 60, 34-49	2.7	8
259	Universal indexes for highly repetitive document collections. <i>Information Systems</i> , 2016 , 61, 1-23	2.7	18
258	Document Counting in Compressed Space 2015 ,		3
257	Faster Compressed Quadrees 2015 ,		4
256	Bottom-k document retrieval. <i>Journal of Discrete Algorithms</i> , 2015 , 32, 69-74		2
255	Near neighbor searching with K nearest references. <i>Information Systems</i> , 2015 , 51, 43-61	2.7	22
254	Improved and extended locating functionality on compressed suffix arrays. <i>Journal of Discrete Algorithms</i> , 2015 , 32, 53-63		5
253	An Empirical Evaluation of Intrinsic Dimension Estimators. <i>Lecture Notes in Computer Science</i> , 2015 , 125-137		137
252	A Compact RDF Store Using Suffix Arrays. <i>Lecture Notes in Computer Science</i> , 2015 , 103-115	0.9	11
251	Optimal Lower and Upper Bounds for Representing Sequences. <i>ACM Transactions on Algorithms</i> , 2015 , 11, 1-21	1.2	34
250	. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 4999-5011	2.8	6
249	Locally Compressed Suffix Arrays. <i>Journal of Experimental Algorithmics</i> , 2015 , 19,	1.1	8
248	The wavelet matrix: An efficient wavelet tree for large alphabets. <i>Information Systems</i> , 2015 , 47, 15-32	2.7	35
247	Fast in-memory XPath search using compressed indexes. <i>Software - Practice and Experience</i> , 2015 , 45, 399-434	2.5	8

246	Improved Single-Term Top-k Document Retrieval 2015 , 24-32		2
245	Compressed vertical partitioning for efficient RDF management. <i>Knowledge and Information Systems</i> , 2015 , 44, 439-474	2.4	30
244	General Document Retrieval in Compact Space. <i>Journal of Experimental Algorithmics</i> , 2015 , 19, 1-46	1.1	3
243	Compressed representations for web and social graphs. <i>Knowledge and Information Systems</i> , 2014 , 40, 279-313	2.4	27
242	Spaces, Trees, and Colors. <i>ACM Computing Surveys</i> , 2014 , 46, 1-47	13.4	38
241	Optimal Dynamic Sequence Representations. <i>SIAM Journal on Computing</i> , 2014 , 43, 1781-1806	1.1	24
240	Interleaved K2-Tree: Indexing and Navigating Ternary Relations 2014 ,		3
239	Fast Fully-Compressed Suffix Trees 2014 ,		6
238	Distributed text search using suffix arrays. <i>Parallel Computing</i> , 2014 , 40, 471-495	1	7
237	New space/time tradeoffs for top-k document retrieval on sequences. <i>Theoretical Computer Science</i> , 2014 , 542, 83-97	1.1	9
236	Compact representation of Web graphs with extended functionality. <i>Information Systems</i> , 2014 , 39, 152-174	1.7	75
235	Encodings for Range Majority Queries. <i>Lecture Notes in Computer Science</i> , 2014 , 262-272	0.9	2
234	Fully Functional Static and Dynamic Succinct Trees. <i>ACM Transactions on Algorithms</i> , 2014 , 10, 1-39	1.2	80
233	Alphabet-Independent Compressed Text Indexing. <i>ACM Transactions on Algorithms</i> , 2014 , 10, 1-19	1.2	24
232	Grammar Compressed Sequences with Rank/Select Support. <i>Lecture Notes in Computer Science</i> , 2014 , 31-44	0.9	5
231	XXS. <i>ACM Transactions on Information Systems</i> , 2014 , 32, 1-37	4.8	0
230	Wavelet trees for all. <i>Journal of Discrete Algorithms</i> , 2014 , 25, 2-20		61
229	Maximum-weight planar boxes in $O(n^2)$ time (and better). <i>Information Processing Letters</i> , 2014 , 114, 437-445	1.4	15

228	Efficient Fully-Compressed Sequence Representations. <i>Algorithmica</i> , 2014 , 69, 232-268	0.9	26
227	K2-Treaps: Range Top-k Queries in Compact Space. <i>Lecture Notes in Computer Science</i> , 2014 , 215-226	0.9	2
226	Efficient Compressed Indexing for Approximate Top-k String Retrieval. <i>Lecture Notes in Computer Science</i> , 2014 , 18-30	0.9	3
225	Top-(k) Term-Proximity in Succinct Space. <i>Lecture Notes in Computer Science</i> , 2014 , 169-180	0.9	1
224	Document Retrieval on Repetitive Collections. <i>Lecture Notes in Computer Science</i> , 2014 , 725-736	0.9	4
223	Dynamic List of Clusters in Secondary Memory. <i>Lecture Notes in Computer Science</i> , 2014 , 94-105	0.9	2
222	Improved and Extended Locating Functionality on Compressed Suffix Arrays. <i>Lecture Notes in Computer Science</i> , 2014 , 436-447	0.9	
221	Approximate String Matching 2014 , 1-5		2
220	Compact binary relation representations with rich functionality. <i>Information and Computation</i> , 2013 , 232, 19-37	0.8	17
219	On compressing and indexing repetitive sequences. <i>Theoretical Computer Science</i> , 2013 , 483, 115-133	1.1	83
218	On compressing permutations and adaptive sorting. <i>Theoretical Computer Science</i> , 2013 , 513, 109-123	1.1	13
217	Faster Compact Top-k Document Retrieval 2013 ,		14
216	Space-efficient data-analysis queries on grids. <i>Theoretical Computer Science</i> , 2013 , 482, 60-72	1.1	26
215	Space-efficient representations of rectangle datasets supporting orthogonal range querying. <i>Information Systems</i> , 2013 , 38, 635-655	2.7	15
214	Colored range queries and document retrieval. <i>Theoretical Computer Science</i> , 2013 , 483, 36-50	1.1	18
213	Improved compressed indexes for full-text document retrieval. <i>Journal of Discrete Algorithms</i> , 2013 , 18, 3-13		30
212	Succinct nearest neighbor search. <i>Information Systems</i> , 2013 , 38, 1019-1030	2.7	23
211	DACs: Bringing direct access to variable-length codes. <i>Information Processing and Management</i> , 2013 , 49, 392-404	6.3	61

210	Faster and smaller inverted indices with treaps 2013 ,		17
209	Compressing Huffman Models on Large Alphabets 2013 ,		5
208	Practical Compressed Suffix Trees. <i>Algorithms</i> , 2013 , 6, 319-351	1.8	22
207	Optimal Dynamic Sequence Representations 2013 ,		11
206	Compact Queriable Representations of Raster Data. <i>Lecture Notes in Computer Science</i> , 2013 , 96-108	0.9	19
205	A Lempel-Ziv Compressed Structure for Document Listing. <i>Lecture Notes in Computer Science</i> , 2013 , 116-128	0.9	6
204	Faster Top-k Document Retrieval in Optimal Space. <i>Lecture Notes in Computer Science</i> , 2013 , 255-262	0.9	4
203	Document Listing on Repetitive Collections. <i>Lecture Notes in Computer Science</i> , 2013 , 107-119	0.9	10
202	Better Space Bounds for Parameterized Range Majority and Minority. <i>Lecture Notes in Computer Science</i> , 2013 , 121-132	0.9	11
201	Encodings for Range Selection and Top-k Queries. <i>Lecture Notes in Computer Science</i> , 2013 , 553-564	0.9	6
200	Top-k Document Retrieval in Compact Space and Near-Optimal Time. <i>Lecture Notes in Computer Science</i> , 2013 , 394-404	0.9	2
199	New algorithms on wavelet trees and applications to information retrieval. <i>Theoretical Computer Science</i> , 2012 , 426-427, 25-41	1.1	66
198	String matching with alphabet sampling. <i>Journal of Discrete Algorithms</i> , 2012 , 11, 37-50		14
197	Stronger Lempel-Ziv Based Compressed Text Indexing. <i>Algorithmica</i> , 2012 , 62, 54-101	0.9	27
196	Boosting Text Compression with Word-Based Statistical Encoding. <i>Computer Journal</i> , 2012 , 55, 111-131	1.3	6
195	Implicit indexing of natural language text by reorganizing bytecodes. <i>Information Retrieval</i> , 2012 , 15, 527-557	1.8	18
194	Compressed Dynamic Binary Relations 2012 ,		11
193	LRM-Trees: Compressed indices, adaptive sorting, and compressed permutations. <i>Theoretical Computer Science</i> , 2012 , 459, 26-41	1.1	9

192	Word-based self-indexes for natural language text. <i>ACM Transactions on Information Systems</i> , 2012 , 30, 1-34	4.8	32
191	Top-k Document Retrieval in Optimal Time and Linear Space 2012 ,		30
190	Space-Efficient Top-k Document Retrieval. <i>Lecture Notes in Computer Science</i> , 2012 , 307-319	0.9	12
189	Sorted Range Reporting. <i>Lecture Notes in Computer Science</i> , 2012 , 271-282	0.9	18
188	Wavelet Trees for All. <i>Lecture Notes in Computer Science</i> , 2012 , 2-26	0.9	24
187	New Lower and Upper Bounds for Representing Sequences. <i>Lecture Notes in Computer Science</i> , 2012 , 181-192	0.9	16
186	Ranked Document Retrieval in (Almost) No Space. <i>Lecture Notes in Computer Science</i> , 2012 , 155-160	0.9	2
185	The Wavelet Matrix. <i>Lecture Notes in Computer Science</i> , 2012 , 167-179	0.9	15
184	Improved Grammar-Based Compressed Indexes. <i>Lecture Notes in Computer Science</i> , 2012 , 180-192	0.9	28
183	Compressed Representation of Web and Social Networks via Dense Subgraphs. <i>Lecture Notes in Computer Science</i> , 2012 , 264-276	0.9	10
182	Indexing Highly Repetitive Collections. <i>Lecture Notes in Computer Science</i> , 2012 , 274-279	0.9	20
181	Compressed Suffix Trees for Repetitive Texts. <i>Lecture Notes in Computer Science</i> , 2012 , 30-41	0.9	3
180	Self-Indexed Grammar-Based Compression. <i>Fundamenta Informaticae</i> , 2011 , 111, 313-337	1	34
179	On-line approximate string matching with bounded errors. <i>Theoretical Computer Science</i> , 2011 , 412, 6359-6370	1	1
178	Improving semistatic compression via phrase-based modeling. <i>Information Processing and Management</i> , 2011 , 47, 545-559	6.3	1
177	Space-efficient construction of Lempel-Ziv compressed text indexes. <i>Information and Computation</i> , 2011 , 209, 1070-1102	0.8	14
176	Fully dynamic metric access methods based on hyperplane partitioning. <i>Information Systems</i> , 2011 , 36, 734-747	2.7	23
175	Fully compressed suffix trees. <i>ACM Transactions on Algorithms</i> , 2011 , 7, 1-34	1.2	32

174	STRONGER QUICKHEAPS. <i>International Journal of Foundations of Computer Science</i> , 2011 , 22, 945-969	0.6	1
173	Compressed String Dictionaries. <i>Lecture Notes in Computer Science</i> , 2011 , 136-147	0.9	18
172	Practical Compressed Document Retrieval. <i>Lecture Notes in Computer Science</i> , 2011 , 193-205	0.9	18
171	Self-indexing Based on LZ77. <i>Lecture Notes in Computer Science</i> , 2011 , 41-54	0.9	32
170	Alphabet-Independent Compressed Text Indexing. <i>Lecture Notes in Computer Science</i> , 2011 , 748-759	0.9	19
169	Improved Compressed Indexes for Full-Text Document Retrieval. <i>Lecture Notes in Computer Science</i> , 2011 , 386-397	0.9	7
168	Space-Efficient Data-Analysis Queries on Grids. <i>Lecture Notes in Computer Science</i> , 2011 , 323-332	0.9	5
167	Fully-Functional Succinct Trees 2010 ,		61
166	Dynamic lightweight text compression. <i>ACM Transactions on Information Systems</i> , 2010 , 28, 1-32	4.8	17
165	LZ77-Like Compression with Fast Random Access 2010 ,		30
164	Succinct Trees in Practice 2010 , 84-97		43
163	Fast and Compact Web Graph Representations. <i>ACM Transactions on the Web</i> , 2010 , 4, 1-31	3.2	50
162	A New Searchable Variable-to-Variable Compressor 2010 ,		2
161	Fast in-memory XPath search using compressed indexes 2010 ,		16
160	Storage and retrieval of highly repetitive sequence collections. <i>Journal of Computational Biology</i> , 2010 , 17, 281-308	1.7	121
159	Compressed q-Gram Indexing for Highly Repetitive Biological Sequences 2010 ,		24
158	Fundamentals of the problem. <i>SIGSPATIAL Special</i> , 2010 , 2, 2-7	2.3	
157	On Sorting, Heaps, and Minimum Spanning Trees. <i>Algorithmica</i> , 2010 , 57, 585-620	0.9	5

156	Compact Rich-Functional Binary Relation Representations. <i>Lecture Notes in Computer Science</i> , 2010 , 170-183	0.9	12
155	Extended Compact Web Graph Representations. <i>Lecture Notes in Computer Science</i> , 2010 , 77-91	0.9	20
154	A Fun Application of Compact Data Structures to Indexing Geographic Data. <i>Lecture Notes in Computer Science</i> , 2010 , 77-88	0.9	7
153	Practical Compressed Suffix Trees. <i>Lecture Notes in Computer Science</i> , 2010 , 94-105	0.9	15
152	Top-k Ranked Document Search in General Text Databases. <i>Lecture Notes in Computer Science</i> , 2010 , 194-205	0.9	28
151	Dual-Sorted Inverted Lists. <i>Lecture Notes in Computer Science</i> , 2010 , 309-321	0.9	15
150	Colored Range Queries and Document Retrieval. <i>Lecture Notes in Computer Science</i> , 2010 , 67-81	0.9	19
149	Range Queries over a Compact Representation of Minimum Bounding Rectangles. <i>Lecture Notes in Computer Science</i> , 2010 , 33-42	0.9	2
148	Alphabet Partitioning for Compressed Rank/Select and Applications. <i>Lecture Notes in Computer Science</i> , 2010 , 315-326	0.9	27
147	Fast and Compact Prefix Codes. <i>Lecture Notes in Computer Science</i> , 2010 , 419-427	0.9	4
146	Approximate String Matching with Compressed Indexes. <i>Algorithms</i> , 2009 , 2, 1105-1136	1.8	23
145	Implementing the LZ-index. <i>Journal of Experimental Algorithmics</i> , 2009 , 13,	1.1	9
144	Compressed text indexes. <i>Journal of Experimental Algorithmics</i> , 2009 , 13,	1.1	60
143	Improving the space cost of k-NN search in metric spaces by using distance estimators. <i>Multimedia Tools and Applications</i> , 2009 , 41, 215-233	2.5	9
142	Rank/select on dynamic compressed sequences and applications. <i>Theoretical Computer Science</i> , 2009 , 410, 4414-4422	1.1	21
141	Faster entropy-bounded compressed suffix trees. <i>Theoretical Computer Science</i> , 2009 , 410, 5354-5364	1.1	64
140	Speeding up spatial approximation search in metric spaces. <i>Journal of Experimental Algorithmics</i> , 2009 , 14,	1.1	7
139	EGNAT: A Fully Dynamic Metric Access Method for Secondary Memory 2009 ,		4

138	Analyzing Metric Space Indexes: What For? 2009 ,		19
137	Dynamic Spatial Approximation Trees for Massive Data 2009 ,		15
136	Directly Addressable Variable-Length Codes. <i>Lecture Notes in Computer Science</i> , 2009 , 122-130	0.9	19
135	Indexing Variable Length Substrings for Exact and Approximate Matching. <i>Lecture Notes in Computer Science</i> , 2009 , 214-221	0.9	6
134	k2-Trees for Compact Web Graph Representation. <i>Lecture Notes in Computer Science</i> , 2009 , 18-30	0.9	48
133	Self-indexed Text Compression Using Straight-Line Programs. <i>Lecture Notes in Computer Science</i> , 2009 , 235-246	0.9	16
132	A Compressed Self-indexed Representation of XML Documents. <i>Lecture Notes in Computer Science</i> , 2009 , 273-284	0.9	2
131	A New Point Access Method Based on Wavelet Trees. <i>Lecture Notes in Computer Science</i> , 2009 , 297-306	0.9	6
130	Effective proximity retrieval by ordering permutations. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2008 , 30, 1647-58	13.3	131
129	Word-Based Statistical Compressors as Natural Language Compression Boosters. <i>Proceedings of the Data Compression Conference</i> , 2008 ,		4
128	. <i>Proceedings of the Data Compression Conference</i> , 2008 ,		1
127	Re-pair Achieves High-Order Entropy. <i>Proceedings of the Data Compression Conference</i> , 2008 ,		11
126	Dynamic spatial approximation trees. <i>Journal of Experimental Algorithmics</i> , 2008 , 12, 1-68	1.1	22
125	Dynamic entropy-compressed sequences and full-text indexes. <i>ACM Transactions on Algorithms</i> , 2008 , 4, 1-38	1.2	54
124	Reorganizing compressed text 2008 ,		20
123	New adaptive compressors for natural language text. <i>Software - Practice and Experience</i> , 2008 , 38, 1429-1450	1.5	7
122	Speeding Up Pattern Matching by Text Sampling. <i>Lecture Notes in Computer Science</i> , 2008 , 87-98	0.9	1
121	Indexed Hierarchical Approximate String Matching. <i>Lecture Notes in Computer Science</i> , 2008 , 144-154	0.9	

120	An(other) Entropy-Bounded Compressed Suffix Tree 2008 , 152-165		13
119	Self-indexing Natural Language. <i>Lecture Notes in Computer Science</i> , 2008 , 121-132	0.9	9
118	Run-Length Compressed Indexes Are Superior for Highly Repetitive Sequence Collections. <i>Lecture Notes in Computer Science</i> , 2008 , 164-175	0.9	24
117	Practical Rank/Select Queries over Arbitrary Sequences. <i>Lecture Notes in Computer Science</i> , 2008 , 176-187	0.9	57
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13	Improved deletions in dynamic spatial approximation trees		4

12	Lempel-Ziv compression of structured text	11
11	Improved antidictionary based compression	8
10	An effective clustering algorithm to index high dimensional metric spaces	14
9	Fast multipattern search algorithms for intrusion detection	2
8	Dynamic spatial approximation trees	4
7	Faster approximate string matching over compressed text	11
6	A fast distributed suffix array generation algorithm	3
5	Searching in metric spaces by spatial approximation	6
4	Permutations103-119	
3	Grids347-394	
2	Dynamic Structures450-500	
1	Recent Trends501-548	