Ricardo Baeza-Yates

List of Publications by Year
in descending order

322 papers	9,466 citations	109264 35 h-index	74108 75 g-index
349 all docs	349 docs citations	349 times ranked	4329 citing authors

#	Article	IF	Citations
1	Searching in metric spaces. ACM Computing Surveys, 2001, 33, 273-321.	16.1	929
2	A new approach to text searching. Communications of the ACM, 1992, 35, 74-82.	3.3	459
3	Query Recommendation Using Query Logs in Search Engines. Lecture Notes in Computer Science, 2004, , 588-596.	1.0	351
4	Searching in the Plane. Information and Computation, 1993, 106, 234-252.	0.5	326
5	Bias on the web. Communications of the ACM, 2018, 61, 54-61.	3.3	264
6	FA*IR. , 2017, , .		252
7	Extracting semantic relations from query logs. , 2007, , .		230
8	A Rapid and Efficient Method for Purifying High Quality Total RNA from Peaches (Prunus persica) for Functional Genomics Analyses. Biological Research, 2005, 38, 83-8.	1.5	215
9	Fast and flexible word searching on compressed text. ACM Transactions on Information Systems, 2000, 18, 113-139.	3.8	199
10	The impact of caching on search engines. , 2007, , .		162
11	Big Data: Promises and Problems. Computer, 2015, 48, 20-23.	1.2	122
12	Predicting The Next App That You Are Going To Use. , 2015, , .		117
13	On the value of temporal information in information retrieval. ACM SIGIR Forum, 2007, 41, 35-41.	0.4	113
14	Proteomic analysis of peach fruit mesocarp softening and chilling injury using difference gel electrophoresis (DIGE). BMC Genomics, 2010, 11, 43.	1.2	107
15	Compression: a key for next-generation text retrieval systems. Computer, 2000, 33, 37-44.	1.2	101
16	Proximal nodes. ACM Transactions on Information Systems, 1997, 15, 400-435.	3.8	100
17	Fast text searching for regular expressions or automaton searching on tries. Journal of the ACM, 1996, 43, 915-936.	1.8	97
18	An algorithm for string matching with a sequence of don't cares. Information Processing Letters, 1991, 37, 133-136.	0.4	96

#	Article	IF	Citations
19	Good fonts for dyslexia. , 2013, , .		91
20	Crawling a country. , 2005, , .		90
21	A pipelined architecture for distributed text query evaluation. Information Retrieval, 2007, 10, 205-231.	1.6	88
22	Clustering and exploring search results using timeline constructions. , 2009, , .		87
23	Integrating contents and structure in text retrieval. SIGMOD Record, 1996, 25, 67-79.	0.7	84
24	Adding Compression to Block Addressing Inverted Indexes. Information Retrieval, 2000, 3, 49-77.	1.6	82
25	Searching subsequences. Theoretical Computer Science, 1991, 78, 363-376.	0.5	77
26	Link analysis for Web spam detection. ACM Transactions on the Web, 2008, 2, 1-42.	2.0	76
27	Fast and practical approximate string matching. Information Processing Letters, 1996, 59, 21-27.	0.4	74
28	Towards content-oriented patent document processing. World Patent Information, 2008, 30, 21-33.	0.7	73
29	Layout guidelines for web text and a web service to improve accessibility for dyslexics. , 2012, , .		70
30	Parallel searching in the plane. Computational Geometry: Theory and Applications, 1995, 5, 143-154.	0.3	69
31	Challenges on Distributed Web Retrieval. , 2007, , .		69
32	A Fast Set Intersection Algorithm for Sorted Sequences. Lecture Notes in Computer Science, 2004, , 400-408.	1.0	68
33	Design trade-offs for search engine caching. ACM Transactions on the Web, 2008, 2, 1-28.	2.0	68
34	Improved query difficulty prediction for the web. , 2008, , .		66
35	Frequent Words Improve Readability and Short Words Improve Understandability for People with Dyslexia. Lecture Notes in Computer Science, 2013, , 203-219.	1.0	66
36	Characterization of national Web domains. ACM Transactions on Internet Technology, 2007, 7, 9.	3.0	65

#	ARTICLE	IF	CITATIONS
37	Query-sets. , 2008, , .		65
38	Simplify or help?. , 2013, , .		63
39	Applications of Web Query Mining. Lecture Notes in Computer Science, 2005, , 7-22.	1.0	59
40	Generalizing PageRank. , 2006, , .		56
41	Design and Implementation of Relevance Assessments Using Crowdsourcing. Lecture Notes in Computer Science, 2011, , 153-164.	1.0	55
42	Improved string searching. Software - Practice and Experience, 1989, 19, 257-271.	2.5	53
43	Information retrieval in the Web: beyond current search engines. International Journal of Approximate Reasoning, 2003, 34, 97-104.	1.9	53
44	Web page ranking using link attributes. , 2004, , .		49
45	Data and algorithmic bias in the web. , 2016, , .		49
46	Finding trendsetters in information networks. , 2012, , .		47
47	Block addressing indices for approximate text retrieval. , 2000, 51, 69-82.		46
48	Modeling User Search Behavior. , 0, , .		45
49	ResIn. , 2008, , .		44
50	Near-Term Prospects for Semantic Technologies. IEEE Intelligent Systems, 2008, 23, 76-88.	4.0	42
51	Graphs from Search Engine Queries. Lecture Notes in Computer Science, 2007, , 1-8.	1.0	42
52	Detection of Suicidal Ideation on Social Media: Multimodal, Relational, and Behavioral Analysis. Journal of Medical Internet Research, 2020, 22, e17758.	2.1	42
53	Distributed query processing using partitioned inverted files. , 0, , .		41
54	Very fast and simple approximate string matching. Information Processing Letters, 1999, 72, 65-70.	0.4	40

#	ARTICLE	IF	CITATIONS
55	How to present more readable text for people with dyslexia. Universal Access in the Information Society, 2017, 16, 29-49.	2.1	40
56	A faster algorithm for approximate string matching. Lecture Notes in Computer Science, 1996, , 1-23.	1.0	39
57	Fast searching on compressed text allowing errors. , 1998, , .		39
58	Web Structure, Dynamics and Page Quality. Lecture Notes in Computer Science, 2002, , 117-130.	1.0	39
59	Performance of B/sup +/-trees with partial expansions. IEEE Transactions on Knowledge and Data Engineering, 1989, 1, 248-257.	4.0	38
60	Query Clustering for Boosting Web Page Ranking. Lecture Notes in Computer Science, 2004, , 164-175.	1.0	38
61	Scalable Semantic Matching of Queries to Ads in Sponsored Search Advertising. , 2016, , .		38
62	Query forwarding in geographically distributed search engines. , 2010, , .		35
63	Efficiency trade-offs in two-tier web search systems. , 2009, , .		35
64	Predicting risk of dyslexia with an online gamified test. PLoS ONE, 2020, 15, e0241687.	1.1	35
65	A language for queries on structure and contents of textual databases. , 1995, , .		34
66	Fast approximate string matching in a dictionary. , 0, , .		33
67	The Effect of Font Type on Screen Readability by People with Dyslexia. ACM Transactions on Accessible Computing, 2016, 8, 1-33.	1.9	33
68	Algorithms for string searching. ACM SIGIR Forum, 1989, 23, 34-58.	0.4	32
69	Expected behaviour of B+-trees under random insertions. Acta Informatica, 1989, 26, 439-471.	0.5	31
70	Average running time of the Boyer-Moore-Horspool algorithm. Theoretical Computer Science, 1992, 92, 19-31.	0.5	31
71	Quantifying performance and quality gains in distributed web search engines. , 2009, , .		31
72	Seasonal variation in the development of chilling injury in â€˜Oâ€™Henryâ€™ peaches. Scientia Horticulturae, 2006, 110, 79-83.	1.7	30

#	Article	IF	Citations
73	Bias in Search and Recommender Systems. , 2020, , .		30
74	Scheduling algorithms for web crawling. , 0, , .		29
75	Tuning the capacity of search engines. ACM Transactions on Information Systems, 2010, 28, 1-36.	3.8	29
76	Chapter 2: Next Generation Web Search. Lecture Notes in Computer Science, 2010, , 11-23.	1.0	29
77	One Half or 50%? An Eye-Tracking Study of Number Representation Readability. Lecture Notes in Computer Science, 2013, , 229-245.	1.0	29
78	Fast two-dimensional pattern matching. Information Processing Letters, 1993, 45, 51-57.	0.4	28
79	On the feasibility of multi-site web search engines. , 2009, , .		27
80	A Mobile Application for Displaying More Accessible eBooks for People with Dyslexia. Procedia Computer Science, 2012, 14, 226-233.	1.2	27
81	An analysis of the Karp-Rabin string matching algorithm. Information Processing Letters, 1990, 34, 271-274.	0.4	26
82	DysWebxia 2.0!. , 2013, , .		26
83	Analyzing User's Sequential Behavior in Query Auto-Completion via Markov Processes. , 2015, , .		26
84	Analyzing imbalance among homogeneous index servers in a web search system. Information Processing and Management, 2007, 43, 592-608.	5.4	25
85	New and faster filters for multiple approximate string matching. Random Structures and Algorithms, 2002, 20, 23-49.	0.6	24
86	Crawling the Infinite Web: Five Levels Are Enough. Lecture Notes in Computer Science, 2004, , 156-167.	1.0	24
87	Estimating dyslexia in the web. , 2011, , .		24
88	Buon appetito. , 2014, , .		24
89	Web Usage Mining in Search Engines. , 0, , 307-321.		24
90	Hierarchies of indices for text searching. Information Systems, 1996, 21, 497-514.	2.4	23

#	Article	IF	Citations
91	Exploring Query Auto-Completion and Click Logs for Contextual-Aware Web Search and Query Suggestion. , 2017, , .		23
92	Towards Semantic Search. Lecture Notes in Computer Science, 2008, , 4-11.	1.0	23
93	Batch query processing for web search engines. , 2011, , .		22
94	IDEAL. , 2012, , .		22
95	Online multitasking and user engagement. , 2013, , .		22
96	Towards Language Independent Detection of Dyslexia with a Web-based Game. , 2018, , .		22
97	Fast String Matching with Mismatches. Information and Computation, 1994, 108, 187-199.	0.5	21
98	Spaghettis: an array based algorithm for similarity queries in metric spaces. , 0, , .		21
99	Improving an Algorithm for Approximate Pattern Matching. Algorithmica, 2001, 30, 473-502.	1.0	21
100	Scalability Challenges in Web Search Engines. The Kluwer International Series on Information Retrieval, 2011, , 27-50.	1.0	21
101	Direct pattern matching on compressed text. , 0, , .		20
102	Bounding the Expected Length of Longest Common Subsequences and Forests. Theory of Computing Systems, 1999, 32, 435-452.	0.7	20
103	Challenges in the Interaction of Information Retrieval and Natural Language Processing. Lecture Notes in Computer Science, 2004, , 445-456.	1.0	20
104	Improving search engines by query clustering. Journal of the Association for Information Science and Technology, 2007, 58, 1793-1804.	2.6	20
105	Sync/Async parallel search for the efficient design and construction of web search engines. Parallel Computing, 2010, 36, 153-168.	1.3	20
106	Orthogonal query recommendation. , 2013, , .		20
107	Evaluation of DysWebxia. , 2014, , .		20
108	Wisdom of the Crowd or Wisdom of a Few?. , 2015, , .		20

#	Article	IF	Citations
109	A New Indexing Method for Approximate String Matching. Lecture Notes in Computer Science, 1999, , 163-185.	1.0	20
110	Matchsimile: A flexible approximate matching tool for searching proper names. Journal of the Association for Information Science and Technology, 2003, 54, 3-15.	2.6	19
111	XQL and proximal nodes. Journal of the Association for Information Science and Technology, 2002, 53, 504-514.	2.6	18
112	Genealogical trees on the web. , 2008, , .		18
113	Multiple approximate string matching. Lecture Notes in Computer Science, 1997, , 174-184.	1.0	18
114	Screening risk of dyslexia through a web-game using language-independent content and machine learning. , 2020, , .		18
115	Relating web characteristics with link based web page ranking. , 2001, , .		17
116	The Components and Impact of Sponsored Search. Computer, 2009, 42, 98-101.	1.2	17
117	Web search solved?. , 2010, , .		16
118	Lexical quality as a proxy for web text understandability. , 2012, , .		16
119	Will recommenders kill search?. , 2010, , .		15
120	The 1st temporal web analytics workshop (TWAW). , 2011, , .		15
121	Characterization of online groups along space, time, and social dimensions. EPJ Data Science, 2014, 3, .	1.5	15
122	Storyâ€focused reading in online news and its potential for user engagement. Journal of the Association for Information Science and Technology, 2017, 68, 869-883.	1.5	15
123	CASSA: A Context-Aware Synonym Simplification Algorithm. , 2015, , .		15
124	Some average measures in m-ary search trees. Information Processing Letters, 1987, 25, 375-381.	0.4	14
125	String searching algorithms revisited. Lecture Notes in Computer Science, 1989, , 75-96.	1.0	14
126	An image similarity measure based on graph matching. , 0, , .		14

#	Article	IF	Citations
127	Data Portraits and Intermediary Topics. , 2016, , .		14
128	A machine learning approach for result caching in web search engines. Information Processing and Management, 2017, 53, 834-850.	5.4	14
129	Analysis of Web Search Engine Query Session and Clicked Documents. Lecture Notes in Computer Science, 2007, , 207-226.	1.0	14
130	On Boyer-Moore automata. Algorithmica, 1994, 12, 268-292.	1.0	13
131	Privacy-preserving query log mining for business confidentiality protection. ACM Transactions on the Web, 2010, 4, 1-26.	2.0	13
132	The presence of English and Spanish dyslexia in the Web. New Review of Hypermedia and Multimedia, 2012, 18, 131-158.	0.9	13
133	Scalable Dynamic Graph Summarization. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 360-373.	4.0	13
134	Beyond CPM and CPC. , 2014, , .		13
135	The Attention Economy and the Impact of Artificial Intelligence. , 2022, , 123-134.		13
136	Fast algorithms for two dimensional and multiple pattern matching. Lecture Notes in Computer Science, 1990, , 332-347.	1.0	12
137	A unified view to string matching algorithms. Lecture Notes in Computer Science, 1996, , 1-15.	1.0	12
138	Binary Searching with Nonuniform Costs and Its Application to Text Retrieval. Algorithmica, 2000, 27, 145-169.	1.0	12
139	Generic Damping Functions for Propagating Importance in Link-Based Ranking. Internet Mathematics, 2006, 3, 445-478.	0.7	12
140	Dynamics of the Chilean Web structure. Computer Networks, 2006, 50, 1464-1473.	3.2	12
141	On measuring the lexical quality of the web. , 2012, , .		12
142	Scalability Challenges in Web Search Engines. Synthesis Lectures on Information Concepts, Retrieval, and Services, 2015, 7, 1-138.	0.6	12
143	Block addressing indices for approximate text retrieval. , 1997, , .		11
144	Evolution of the Chilean Web structure composition. , 0, , .		11

#	ARTICLE	IF	CITATIONS
145	Introduction to the special issue on XML retrieval. ACM Transactions on Information Systems, 2006, 24, 405-406.	3.8	11
146	Measuring inter-site engagement. , 2013, , .		11
147	Improving the efficiency of multi-site web search engines. , 2014, , .		11
148	Towards Mobile Query Auto-Completion. , 2016, , .		11
149	Enhanced Word Embedding Variations for the Detection of Substance Abuse and Mental Health Issues on Social Media Writings. IEEE Access, 2021, 9, 130449-130471.	2.6	11
150	Searching Large Text Collections. Massive Computing, 2002, , 195-243.	0.4	11
151	A Multi-faceted Approach to Query Intent Classification. Lecture Notes in Computer Science, 2011, , 368-379.	1.0	11
152	A model and a visual query language for structured text. , 0, , .		10
153	A fast algorithm on average for all-against-all sequence matching. , 0, , .		10
154	Characterizing Objectionable Image Content (Pornography and Nude Images) of Specific Web Segments: Chile as a Case Study. , 0, , .		10
155	From Capturing Semantics to Semantic Search: A Virtuous Cycle. , 2008, , 1-2.		10
156	A resource of errors written in Spanish by people with dyslexia and its linguistic, phonetic and visual analysis. Language Resources and Evaluation, 2017, 51, 379-408.	1.8	10
157	Towards the Prediction of Dyslexia by a Web-based Game with Musical Elements. , 2017, , .		10
158	How Representative is an Abortion Debate on Twitter?. , 2019, , .		10
159	Every Colour You Are: StanceÂPredictionÂandÂTurnaroundÂinÂControversialÂIssues. , 2020, , .		10
160	A Case Study: News Classification Based on Term Frequency. , 0, , .		9
161	A Web Search Analysis Considering the Intention behind Queries. , 2008, , .		9
162	Mining query log graphs towards a query folksonomy. Concurrency Computation Practice and Experience, 2012, 24, 2179-2192.	1.4	9

#	Article	IF	Citations
163	Networked user engagement. , 2013, , .		9
164	A plug-in to aid online reading in Spanish. , 2015, , .		9
165	Scalability and Efficiency Challenges in Large-Scale Web Search Engines. , 2016, , .		9
166	Modeling Static Caching in Web Search Engines. Lecture Notes in Computer Science, 2012, , 436-446.	1.0	9
167	Excavando la web. Profesional De La Informacion, 2004, 13, 4-10.	2.7	9
168	Fringe analysis revisited. ACM Computing Surveys, 1995, 27, 109-119.	16.1	8
169	Optimal binary search trees with costs depending on the access paths. Theoretical Computer Science, 2003, 290, 1799-1814.	0.5	8
170	A content and structure website mining model. , 2006, , .		8
171	Data challenges at Yahoo!. , 2008, , .		8
172	The Geographical Life of Search. , 2009, , .		8
173	Web Structure Mining. Studies in Computational Intelligence, 2010, , 113-142.	0.7	8
174	Quality-efficiency trade-offs in machine learning for text processing. , 2017, , .		8
175	Website Privacy Preservation for Query Log Publishing. , 2007, , 80-96.		8
176	The Role of Relevance in Sponsored Search. , 2016, , .		8
177	The Impact of Lexical Simplification by Verbal Paraphrases for People with and without Dyslexia. Lecture Notes in Computer Science, 2013, , 501-512.	1.0	8
178	A new approach to text searching. ACM SIGIR Forum, 1989, 23, 168-175.	0.4	7
179	A framework to animate string algorithms. Information Processing Letters, 1996, 59, 241-244.	0.4	7
180	Fast two-dimensional approximate pattern matching. Lecture Notes in Computer Science, 1998, , 341-351.	1.0	7

#	Article	IF	Citations
181	Modeling performance-driven workload characterization of web search systems. , 2006, , .		7
182	Future trends in business analytics and optimization. Intelligent Data Analysis, 2011, 15, 1001-1017.	0.4	7
183	User engagement. , 2012, , .		7
184	An iOS reader for people with dyslexia. , 2013, , .		7
185	Scalable dynamic graph summarization. , 2016, , .		7
186	Characterization of Anorexia Nervosa on Social Media: Textual, Visual, Relational, Behavioral, and Demographical Analysis. Journal of Medical Internet Research, 2021, 23, e25925.	2.1	7
187	Clique Analysis of Query Log Graphs. Lecture Notes in Computer Science, 2008, , 188-199.	1.0	7
188	Visualization of large answers in text databases. , 1996, , .		6
189	Scalable multi-dimensional user intent identification using tree structured distributions. , 2011, , .		6
190	The effect of links on networked user engagement. , 2012, , .		6
191	Scalability and Efficiency Challenges in Large-Scale Web Search Engines. , 2015, , .		6
192	A tablet game to target dyslexia screening in pre-readers. , 2018, , .		6
193	Who Are My Audiences? A Study of the Evolution of Target Audiences in Microblogs. Lecture Notes in Computer Science, 2014, , 561-572.	1.0	6
194	Text Searching: Theory and Practice. Studies in Fuzziness and Soft Computing, 2004, , 565-597.	0.6	6
195	Two-Dimensional Distributed Inverted Files. Lecture Notes in Computer Science, 2009, , 206-213.	1.0	6
196	Incremental Sampling of Query Logs. , 2015, , .		6
197	Representativeness of Abortion Legislation Debate on Twitter: A Case Study in Argentina and Chile. , 2020, , .		6
198	Load-Balancing and Caching for Collection Selection Architectures. , 2007, , .		6

#	Article	IF	Citations
199	How to Handle Health-Related Small Imbalanced Data in Machine Learning?. I-com, 2021, 19, 215-226.	0.9	6
200	Ethical Challenges in AI. , 2022, , .		6
201	A trivial algorithm whose analysis is not: A continuation. BIT Numerical Mathematics, 1989, 29, 378-394.	1.0	5
202	A dynamic storage allocation algorithm suitable for file structures. Information Systems, 1990, 15, 515-521.	2.4	5
203	Bounded disorder: The effect of the index. Theoretical Computer Science, 1996, 168, 21-38.	0.5	5
204	Alternative implementation techniques for Web text visualization. , 0, , .		5
205	Database and Information Retrieval Techniques for XML. Lecture Notes in Computer Science, 2005, , 22-27.	1.0	5
206	The anatomy of a large query graph. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224002.	0.7	5
207	A model for fast web mining prototyping. , 2009, , .		5
208	Usage Data in Web Search: Benefits and Limitations. Lecture Notes in Computer Science, 2012, , 495-506.	1.0	5
209	Scalability and efficiency challenges in commercial web search engines. , 2013, , .		5
210	Scalability and efficiency challenges in large-scale web search engines. , 2014, , .		5
211	Encouraging Diversity- and Representation-Awareness in Geographically Centralized Content. , 2016, , .		5
212	Semantic Query Understanding. , 2017, , .		5
213	AI & Human Values. Lecture Notes in Computer Science, 2021, , 76-89.	1.0	5
214	Fast Multi-dimensional Approximate Pattern Matching. Lecture Notes in Computer Science, 1999, , 243-257.	1.0	5
215	An Optimistic Model for Searching Web Directories. Lecture Notes in Computer Science, 2004, , 364-377.	1.0	5
216	A Study of the Impact of Index Updates on Distributed Query Processing for Web Search. Lecture Notes in Computer Science, 2009, , 595-602.	1.0	5

#	Article	IF	Citations
217	Burden of neurological diseases in the US revealed by web searches. PLoS ONE, 2017, 12, e0178019.	1.1	5
218	A Model for Automatic Generation of Multi-partite Graphs from Arbitrary Data. Lecture Notes in Computer Science, 2010, , 49-60.	1.0	5
219	A model and software architecture for search results visualization on the WWW. , 0, , .		4
220	Text mining with conceptual graphs. , 0, , .		4
221	Modeling Text Databases. , 2005, , 1-25.		4
222	Search results using timeline visualizations. , 2007, , .		4
223	Web retrieval: Techniques for the aggregation and selection of queries and answers. International Journal of Intelligent Systems, 2008, 23, 1223-1234.	3.3	4
224	Harmony Assumptions in Information Retrieval and Social Networks. Computer Journal, 2015, 58, 2982-2999.	1.5	4
225	Reclassifying neurodegenerative diseases. Nature Biomedical Engineering, 2020, 4, 759-760.	11.6	4
226	Trends in Search Interaction. Lecture Notes in Computer Science, 2011, , 26-32.	1.0	4
227	The ADT proximity and text proximity problems. , 0, , .		3
228	New approaches to information management: attribute-centric data systems. , 0, , .		3
229	Using Hermes-F: experiences with a framework for developing information retrieval applications. , 0, , .		3
230	On the image content of the Chilean Web. , 0, , .		3
231	Web Mining. , 0, , .		3
232	Applications of a Web Information Mining Model to Data Mining and Information Retrieval Tasks. , 0, , .		3
233	WIM: An Information Mining Model for the Web. , 0, , .		3
234	Relationship between web links and trade. , 2006, , .		3

#	Article	IF	Citations
235	The 4th temporal web analytics workshop (TempWeb'14). , 2014, , .		3
236	Automatic multi-partite graph generation from arbitrary data. Journal of Systems and Software, 2014, 94, 72-86.	3.3	3
237	Scalability and efficiency challenges in large-scale web search engines. , 2014, , .		3
238	Detection of Trending Topic Communities. , 2017, , .		3
239	Agents, Crawlers, and Web Retrieval. Lecture Notes in Computer Science, 2002, , 1-9.	1.0	3
240	Mining Large Query Induced Graphs towards a Hierarchical Query Folksonomy. Lecture Notes in Computer Science, 2010, , 237-242.	1.0	3
241	Temporal Analysis of Document Collections: Framework and Applications. Lecture Notes in Computer Science, 2010, , 290-296.	1.0	3
242	Algorithmic Challenges in Web Search Engines. Lecture Notes in Computer Science, 2006, , 277-278.	1.0	3
243	Enhancing Document Snippets Using Temporal Information. Lecture Notes in Computer Science, 2011, , 26-31.	1.0	3
244	A Universal Screening Tool for Dyslexia by a Web-Game and Machine Learning. Frontiers in Computer Science, 0, 3, .	1.7	3
245	Expected behaviour analysis of AVL trees. Lecture Notes in Computer Science, 1990, , 143-159.	1.0	2
246	Height balance distribution of search trees. Information Processing Letters, 1991, 39, 317-324.	0.4	2
247	Unbalanced multiway trees improved by partial expansions. Acta Informatica, 1992, 29, 443-460.	0.5	2
248	Improved bounds for the expected behaviour of AVL trees. BIT Numerical Mathematics, 1992, 32, 297-315.	1.0	2
249	WIM: An Information Mining Model for the Web. , 0, , .		2
250	Where and How Duplicates Occur in the Web. , 2006, , .		2
251	New Techniques for Visualising Web Navigational Data. , 2009, , .		2
252	(Big) usage data in web search. , 2012, , .		2

#	Article	IF	Citations
253	Semantics of query rewriting patterns in search logs. , 2012, , .		2
254	GraphGen: A Tool for Automatic Generation of Multipartite Graphs from Arbitrary Data. , 2012, , .		2
255	Online social networks. , 2013, , .		2
256	Essential Web Pages Are Easy to Find. , 2015, , .		2
257	An effective and efficient algorithm for ranking web documents via genetic programming. , 2019, , .		2
258	Algorithmic Challenges in Web Search Engines. Lecture Notes in Computer Science, 2006, , 1-7.	1.0	2
259	Structured Text Retrieval Models. , 2009, , 2868-2871.		2
260	Coniunge et Impera: Multiple-Graph Mining for Query-Log Analysis. Lecture Notes in Computer Science, 2010, , 168-183.	1.0	2
261	An adaptive overflow technique for B-trees. , 1990, , 16-28.		1
262	Information technology landmarks in chile: A survey. Information Technology for Development, 1995, 6, 25-31.	2.7	1
263	A model for visualizing large answers in WWW retrieval. , 0, , .		1
264	Searching the Web: challenges and partial solutions. , 0, , .		1
265	WISDNA: an information visualization paradigm for XML. , 0, , .		1
266	ANÃLISIS DE CONSULTAS A UN BUSCADOR DE LA WEB CHILENA. Revista Facultad De IngenierÃa - Universidad De TarapacÃ¡, 2005, 13, 21.	0.1	1
267	Analysis of Web Search Engine Clicked Documents. , 2006, , .		1
268	Relating content through web usage. , 2009, , .		1
269	Towards a Distributed Search Engine. Lecture Notes in Computer Science, 2010, , 1-5.	1.0	1
270	A Visual Tool for Querying and Exploring XML Data. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
271	(big) usage data in web search. , 2013, , .		1
272	The wisdom of ad-hoc crowds. , 2014, , .		1
273	Enhancing web activities with information visualization. , 2014, , .		1
274	Ten Years of Wisdom. , 2017, , .		1
275	Learning Ranking Functions by Genetic Programming Revisited. Lecture Notes in Computer Science, 2018, , 378-386.	1.0	1
276	Searching the Web of Objects. Lecture Notes in Computer Science, 2010, , 6-7.	1.0	1
277	Lexical Quality as a Measure for Textual Web Accessibility. Lecture Notes in Computer Science, 2012, , 404-408.	1.0	1
278	Bias on the web and beyond. , 2020, , .		1
279	Efficient text searching of regular expressions. Lecture Notes in Computer Science, 1989, , 1-2.	1.0	1
280	Personalization, Bias and Privacy. , 2020, , .		1
281	Bots donâ€™t Vote, but They Surely Bother!. , 2022, , .		1
282	On efficient entreeings. Acta Informatica, 1993, 30, 203-213.	0.5	0
283	The EC query language applied to old manuscripts. , 0, , .		0
284	Optimal bounded disorder. Information Processing Letters, 2002, 83, 151-157.	0.4	0
285	Fringe analysis of synchronized parallel insertion algorithms in 2â€"3 Trees. Theoretical Computer Science, 2003, 299, 231-271.	0.5	0
286	XML retrieval. , 0, , .		0
287	Clustering in Metric Spaces with Applications to Information Retrieval. Network Theory and Applications, 2004, , 1-33.	0.6	0
288	Distinctive Features of the Argentinian Web. , 2007, , .		0

#	Article	IF	Citations
289	2004 Symposium on String Processing and Information Retrieval. Journal of Discrete Algorithms, 2007, 5, 203.	0.7	0
290	Deterministic Searching on the Line. , 2008, , 235-236.		0
291	Human or Automatic Answers? A User's Based Study. , 2008, , .		0
292	Evolution of the Chilean Web: A Larger Study. , 2008, , .		0
293	Media on the web, in post-production and broadcasting. , 2009, , .		0
294	On the size of Boyerâ€"Moore automata. Theoretical Computer Science, 2009, 410, 4432-4443.	0.5	0
295	Information systems special issue on ACM CIKM 2007. Information Systems, 2009, 34, 671-672.	2.4	0
296	WI 2009 Welcome Message from Conference Chair and Program Chair. , 2009, , .		0
297	IAT 2009 Welcome Message from Conference Chair and Program Chair. , 2009, , .		0
298	Special issue of The Journal of Information Retrieval on web mining for search. Information Retrieval, 2011, 14, 213-214.	1.6	0
299	Measuring web quality. , 2013, , .		0
300	Measuring Inter-site Engagement in a Network of Sites. Handbook of Statistics, 2015, , 303-338.	0.4	0
301	Large-scale Contextual Query-to-Ad Matching and Retrieval System for Sponsored Search. , 2015, , .		0
302	Visual congruent ads for image search. , 2016, , .		0
303	Message from the Conference General Chairs. , 2016, , .		0
304	Message from the Workshop Co-Chairs. , 2016, , .		0
305	Semantic search (invited talk). , 2017, , .		0
306	Designing Equitable Algorithms for the Web. , 2019, , .		0

#	Article	IF	Citations
307	TempWeb 2019 Chairs' Welcome. , 2019, , .		0
308	Tendencias en minerÃa de datos de la Web. Profesional De La Informacion, 2009, 18, 5-10.	2.7	0
309	Keynote Talk: Mining the Web 2.0 for Improved Image Search. Lecture Notes in Computer Science, 2009, , 1-1.	1.0	0
310	Retrieval Evaluation in Practice. Lecture Notes in Computer Science, 2010, , 2-2.	1.0	0
311	Web Advertising. Lecture Notes in Business Information Processing, 2010, , 143-145.	0.8	0
312	3D Inverted Index with Cache Sharing for Web Search Engines. Lecture Notes in Computer Science, 2012, , 272-284.	1.0	0
313	Average case analysis of algorithms using matrix recurrences. Lecture Notes in Computer Science, 1990, , 110-119.	1.0	0
314	AccessNova: Broadband networks and multimedia services experiments in Chile. , 1996, , 106-113.		0
315	Feasibility of Word Difficulty Prediction. Lecture Notes in Computer Science, 2015, , 362-373.	1.0	0
316	Lexical Matching of Queries and Ads Bid Terms in Sponsored Search. Lecture Notes in Computer Science, 2016, , 231-239.	1.0	0
317	Structured Text Retrieval Models. , 2017, , 1-5.		0
318	Structured Text Retrieval Models. , 2018, , 3829-3833.		0
319	Pre-indexing Pruning Strategies. Lecture Notes in Computer Science, 2020, , 177-193.	1.0	0
320	Biases on Social Media Data. , 2020, , .		0
321	New Stochastic Algorithms for Scheduling Ads in Sponsored Search. , 2007, , .		0
322	Distinctive Features of the Argentinian Web. , 2007, , .		0