

Stephen E Robertson

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

5,479
citations

393982

19
h-index

264894

42
g-index

81
all docs

81
docs citations

81
times ranked

2971
citing authors

#	ARTICLE	IF	CITATIONS
1	The Probabilistic Relevance Framework: BM25 and Beyond. Foundations and Trends in Information Retrieval, 2009, 3, 333-389.	5.8	1,096
2	Understanding inverse document frequency: on theoretical arguments for IDF. Journal of Documentation, 2004, 60, 503-520.	0.9	970
3	Simple BM25 extension to multiple weighted fields. , 2004, , .		452
4	Selecting good expansion terms for pseudo-relevance feedback. , 2008, , .		288
5	A few good topics. ACM Transactions on Information Systems, 2009, 27, 1-26.	3.8	236
6	SoftRank. , 2008, , .		203
7	Effective site finding using link anchor information. , 2001, , .		168
8	A new rank correlation coefficient for information retrieval. , 2008, , .		161
9	Information science and the phenomenon of information. Journal of the Association for Information Science and Technology, 1976, 27, 197-204.	1.2	129
10	A new interpretation of average precision. , 2008, , .		105
11	Relevance weighting for query independent evidence. , 2005, , .		89
12	On the history of evaluation in IR. Journal of Information Science, 2008, 34, 439-456.	2.0	83
13	Parsimonious language models for information retrieval. , 2004, , .		77
14	Optimisation methods for ranking functions with multiple parameters. , 2006, , .		77
15	Extending average precision to graded relevance judgments. , 2010, , .		77
16	On GMAP. , 2006, , .		71
17	Expected browsing utility for web search evaluation. , 2010, , .		64
18	Comparing citation contexts for information retrieval. , 2008, , .		62

#	ARTICLE	IF	CITATIONS
19	Probabilistic group recommendation via information matching. , 2013, , .		60
20	Effective and Robust Query-Based Stemming. ACM Transactions on Information Systems, 2013, 31, 1-29.	3.8	60
21	Applying Machine Learning to Text Segmentation for Information Retrieval. Information Retrieval, 2003, 6, 333-362.	1.6	54
22	Where to stop reading a ranked list?. , 2009, , .		50
23	INEX 2007 Evaluation Measures. Lecture Notes in Computer Science, 2007, , 24-33.	1.0	49
24	Probabilistic relevance ranking for collaborative filtering. Information Retrieval, 2008, 11, 477-497.	1.6	48
25	Hits hits TREC. , 2007, , .		43
26	On Collection Size and Retrieval Effectiveness. Information Retrieval, 2003, 6, 99-105.	1.6	41
27	Evaluating interactive systems in TREC. Journal of the Association for Information Science and Technology, 1996, 47, 85-94.	1.2	35
28	Threshold setting in adaptive filtering. Journal of Documentation, 2000, 56, 312-331.	0.9	33
29	Query Expansion with Long-Span Collocates. Information Retrieval, 2003, 6, 251-273.	1.6	33
30	On rank-based effectiveness measures and optimization. Information Retrieval, 2007, 10, 321-339.	1.6	33
31	Rethinking the ESP game. , 2009, , .		33
32	On Event Spaces and Probabilistic Models in Information Retrieval. Information Retrieval, 2005, 8, 319-329.	1.6	31
33	Modeling score distributions in information retrieval. Information Retrieval, 2011, 14, 26-46.	1.6	31
34	On per-topic variance in IR evaluation. , 2012, , .		30
35	On the choice of effectiveness measures for learning to rank. Information Retrieval, 2010, 13, 271-290.	1.6	28
36	How to find better index terms through citations. , 2006, , .		25

#	ARTICLE	IF	CITATIONS
37	Threshold Setting and Performance Optimization in Adaptive Filtering. Information Retrieval, 2002, 5, 239-256.	1.6	24
38	Using Terms from Citations for IR: Some First Results. , 2008, , 211-221.		23
39	On the nature of fuzz: A diatribe. Journal of the Association for Information Science and Technology, 1978, 29, 304-307.	1.2	22
40	Evaluation of online catalogues: Eliciting information from the user. Information Processing and Management, 1991, 27, 523-532.	5.4	20
41	Creating a test collection for citation-based IR experiments. , 2006, , .		20
42	On document relevance and lexical cohesion between query terms. Information Processing and Management, 2006, 42, 1230-1247.	5.4	19
43	On Score Distributions and Relevance. , 2007, , 40-51.		19
44	Field-Weighted XML Retrieval Based on BM25. Lecture Notes in Computer Science, 2006, , 161-171.	1.0	18
45	Deep versus shallow judgments in learning to rank. , 2009, , .		17
46	INEX 2006 Evaluation Measures. Lecture Notes in Computer Science, 2006, , 20-34.	1.0	14
47	Field-Weighted XML Retrieval Based on BM25. , 0, , 161-171.		14
48	A new unified probabilistic model. Journal of the Association for Information Science and Technology, 2004, 55, 471-487.	2.6	12
49	A domain-independent approach to finding related entities. Information Processing and Management, 2012, 48, 654-670.	5.4	11
50	Flexible pseudo-relevance feedback using optimization tables. , 2001, , .		10
51	On Smoothing Average Precision. Lecture Notes in Computer Science, 2012, , 158-169.	1.0	10
52	On Using Fewer Topics in Information Retrieval Evaluations. , 2013, , .		10
53	A COMPUTER SIMULATION MODEL OF LIBRARY OPERATIONS. Journal of Documentation, 1975, 31, 1-18.	0.9	9
54	Score Distributions in Information Retrieval. Lecture Notes in Computer Science, 2009, , 139-151.	1.0	9

#	ARTICLE	IF	CITATIONS
55	Challenges posed by web-based retrieval of scientific papers: Okapi participation in TIPS. <i>Journal of Information Science</i> , 2002, 28, 3-17.	2.0	8
56	On the Contributions of Topics to System Evaluation. <i>Lecture Notes in Computer Science</i> , 2011, , 129-140.	1.0	8
57	Probability-Based Chinese Text Processing and Retrieval. <i>Computational Intelligence</i> , 2000, 16, 552-569.	2.1	7
58	Modelling Score Distributions Without Actual Scores. , 2013, , .		7
59	Probabilistic models in IR and their relationships. <i>Information Retrieval</i> , 2014, 17, 177-201.	1.6	7
60	Using self-supervised word segmentation in Chinese information retrieval. , 2002, , .		6
61	Explicit and implicit variables in information retrieval (IR) systems. <i>Journal of the Association for Information Science and Technology</i> , 1975, 26, 214-222.	1.2	5
62	Comparing the Performance of Adaptive Filtering and Ranked Output Systems. <i>Information Retrieval</i> , 2002, 5, 257-268.	1.6	5
63	XML-Structured Documents: Retrievable Units and Inheritance. <i>Lecture Notes in Computer Science</i> , 2006, , 121-132.	1.0	5
64	A Brief History of Search Results Ranking. <i>IEEE Annals of the History of Computing</i> , 2019, 41, 22-28.	0.2	3
65	Introduction to special issue on the second international conference on the theory of information retrieval. <i>Information Retrieval</i> , 2011, 14, 1-4.	1.6	2
66	Evaluating interactive systems in TREC. , 1996, 47, 85.		2
67	On Fuzzy sets: Reply to Cerny. <i>Journal of the Association for Information Science and Technology</i> , 1979, 30, 357-358.	1.2	1
68	GERARD (GERRY) SALTON. <i>Journal of Documentation</i> , 1996, 52, 1-2.	0.9	1
69	Exploiting hyperlink recommendation evidence in navigational web search. , 2004, , .		1
70	On real-time ad-hoc retrieval evaluation. , 2012, , .		1
71	Probabilistic Retrieval Models and Binary Independence Retrieval (BIR) Model. , 2009, , 2156-2160.		1
72	Parallel Computing for Term Selection in Routing/Filtering. <i>Lecture Notes in Computer Science</i> , 2003, , 537-545.	1.0	1

#	ARTICLE	IF	CITATIONS
73	CISR at INEX 2006. Lecture Notes in Computer Science, 2006, , 57-63.	1.0	1
74	A tool for comparative evaluation in an interactive environment. Journal of Information Science, 2002, 28, 493-503.	2.0	0
75	On the science of search. , 2007, , .		0
76	The Last Half-Century: A Perspective on Experimentation in Information Retrieval. , 2007, , 2-2.		0
77	Probabilistic Retrieval Models and Binary Independence Retrieval (BIR) Model. , 2018, , 2839-2845.		0