

Falk Scholer

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

1,964
citations

623574

14
h-index

642610

23
g-index

110
all docs

110
docs citations

110
times ranked

928
citing authors

#	ARTICLE	IF	CITATIONS
1	User performance versus precision measures for simple search tasks. , 2006, , .		248
2	Compression of inverted indexes For fast query evaluation. , 2002, , .		142
3	Query expansion using associated queries. , 2003, , .		74
4	Users versus models. , 2013, , .		72
5	Machine transliteration survey. ACM Computing Surveys, 2011, 43, 1-46.	16.1	64
6	Incorporating User Expectations and Behavior into the Measurement of Search Effectiveness. ACM Transactions on Information Systems, 2017, 35, 1-38.	3.8	64
7	Effective Pre-retrieval Query Performance Prediction Using Similarity and Variability Evidence. , 2008, , 52-64.		56
8	UQV100. , 2016, , .		53
9	Quantifying test collection quality based on the consistency of relevance judgements. , 2011, , .		51
10	User Variability and IR System Evaluation. , 2015, , .		51
11	The effect of threshold priming and need for cognition on relevance calibration and assessment. , 2013, , .		48
12	Capturing collection size for distributed non-cooperative retrieval. , 2006, , .		40
13	Visualizing search results and document collections using topic maps. Web Semantics, 2010, 8, 169-175.	2.2	39
14	On Crowdsourcing Relevance Magnitudes for Information Retrieval Evaluation. ACM Transactions on Information Systems, 2017, 35, 1-32.	3.8	37
15	Including summaries in system evaluation. , 2009, , .		35
16	Using Information Scent to Understand Mobile and Desktop Web Search Behavior. , 2017, , .		33
17	Beyond Factoid QA: Effective Methods for Non-factoid Answer Sentence Retrieval. Lecture Notes in Computer Science, 2016, , 115-128.	1.0	31
18	Query association surrogates for Web search. Journal of the Association for Information Science and Technology, 2004, 55, 637-650.	2.6	29

#	ARTICLE	IF	CITATIONS
19	Boolean versus ranked querying for biomedical systematic reviews. BMC Medical Informatics and Decision Making, 2010, 10, 58.	1.5	29
20	Retrieval Consistency in the Presence of Query Variations. , 2017, , .		26
21	Document Summarization for Answering Non-Factoid Queries. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 15-28.	4.0	26
22	Models and metrics. , 2012, , .		25
23	Efficient in-memory top-k document retrieval. , 2012, , .		23
24	Examining Additivity and Weak Baselines. ACM Transactions on Information Systems, 2016, 34, 1-18.	3.8	23
25	Using query logs to establish vocabularies in distributed information retrieval. Information Processing and Management, 2007, 43, 169-180.	5.4	21
26	Modeling decision points in user search behavior. , 2014, , .		21
27	Query association for effective retrieval. , 2002, , .		20
28	The Benefits of Magnitude Estimation Relevance Assessments for Information Retrieval Evaluation. , 2015, , .		20
29	Pooled Evaluation Over Query Variations. , 2015, , .		20
30	Differences in effectiveness across sub-collections. , 2012, , .		19
31	A case for improved evaluation of query difficulty prediction. , 2009, , .		19
32	Harnessing Semantics for Answer Sentence Retrieval. , 2015, , .		18
33	Searching Musical Audio Using Symbolic Queries. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 372-381.	3.8	16
34	Tasks, Queries, and Rankers in Pre-Retrieval Performance Prediction. , 2017, , .		16
35	What Users Do: The Eyes Have It. Lecture Notes in Computer Science, 2013, , 416-427.	1.0	16
36	INST. , 2015, , .		15

#	ARTICLE	IF	CITATIONS
37	An Enhanced Evaluation Framework for Query Performance Prediction. Lecture Notes in Computer Science, 2021, , 115-129.	1.0	15
38	Sample Sizes for Query Probing in Uncooperative Distributed Information Retrieval. Lecture Notes in Computer Science, 2006, , 63-75.	1.0	14
39	Using anchor text for homepage and topic distillation search tasks. Journal of the Association for Information Science and Technology, 2012, 63, 1235-1255.	2.6	13
40	Augmenting web search surrogates with images. , 2013, , .		13
41	Re-Finding Behaviour in Vertical Domains. ACM Transactions on Information Systems, 2017, 35, 1-30.	3.8	13
42	The challenge of high recall in biomedical systematic search. , 2009, , .		12
43	Assessor error in stratified evaluation. , 2010, , .		12
44	Information retrieval evaluation using test collections. Information Retrieval, 2016, 19, 225-229.	1.6	12
45	Quantifying the impact of concept recognition on biomedical information retrieval. Information Processing and Management, 2012, 48, 94-106.	5.4	11
46	Metric and Relevance Mismatch in Retrieval Evaluation. Lecture Notes in Computer Science, 2009, , 50-62.	1.0	11
47	Using score differences for search result diversification. , 2014, , .		10
48	On the effect of relevance scales in crowdsourcing relevance assessments for Information Retrieval evaluation. Information Processing and Management, 2021, 58, 102688.	5.4	10
49	A Practical Guide for the Effective Evaluation of Twitter User Geolocation. ACM Transactions on Social Computing, 2019, 2, 1-23.	1.7	10
50	SMARE: a new paradigm to evaluate and understand query performance prediction methods. Information Retrieval, 2022, 25, 94-122.	1.6	10
51	Constructing query-biased summaries. , 2010, , .		9
52	Desirable Properties for Diversity and Truncated Effectiveness Metrics. , 2018, , .		8
53	Ranking Documents by Answer-Passage Quality. , 2018, , .		8
54	QWERTY. , 2018, , .		8

#	ARTICLE	IF	CITATIONS
55	Overview of the INEX 2011 Snippet Retrieval Track. Lecture Notes in Computer Science, 2012, , 283-294.	1.0	8
56	Do People and Neural Nets Pay Attention to the Same Words. , 2020, , .		8
57	Size and Source Matter. , 2014, , .		7
58	Better Effectiveness Metrics for SERPs, Cards, and Rankings. , 2018, , .		7
59	Language Influences on Tweeter Geolocation. Lecture Notes in Computer Science, 2017, , 331-342.	1.0	7
60	The Influence of Topic Difficulty, Relevance Level, and Document Ordering on Relevance Judging. , 2016, , .		7
61	Effective retrieval of polyphonic audio with polyphonic symbolic queries. , 2007, , .		6
62	Topic Distillation with Query-Dependent Link Connections and Page Characteristics. ACM Transactions on the Web, 2011, 5, 1-25.	2.0	6
63	Understanding and Analysing Novice Programmer Interactions in a Facebook Programming Group. , 2014, , .		6
64	Query-biased summary generation assisted by query expansion. Journal of the Association for Information Science and Technology, 2015, 66, 961-979.	1.5	6
65	The Effect of Document Order and Topic Difficulty on Assessor Agreement. , 2016, , .		6
66	Early Termination Heuristics for Score-at-a-Time Index Traversal. , 2017, , .		6
67	Presentation Ordering Effects On Assessor Agreement. , 2018, , .		6
68	Where Do Queries Come From?. , 2022, , .		6
69	Meta-evaluation of Dynamic Search: How Do Metrics Capture Topical Relevance, Diversity and User Effort?. Lecture Notes in Computer Science, 2019, , 607-620.	1.0	5
70	Fewer topics? A million topics? Both?! On topics subsets in test collections. Information Retrieval, 2020, 23, 49-85.	1.6	5
71	Is Query Performance Prediction With Multiple Query Variations Harder Than Topic Performance Prediction?. , 2021, , .		5
72	Using Clicks as Implicit Judgments: Expectations Versus Observations. , 2008, , 28-39.		5

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73	Investigating the Effectiveness of Clickthrough Data for Document Reordering. , 2008, , 591-595.		5
74	User interaction with novel web search interfaces. , 2009, , .		5
75	Gauging the Quality of Relevance Assessments using Inter-Rater Agreement. , 2017, , .		5
76	A Living Lab Study of Query Amendment in Job Search. , 2018, , .		4
77	A2A. , 2018, , .		4
78	Features of Disagreement Between Retrieval Effectiveness Measures. , 2015, , .		4
79	Relevance thresholds in system evaluations. , 2008, , .		3
80	Choices in batch information retrieval evaluation. , 2013, , .		3
81	TREC. , 2014, , .		3
82	Using Semantic and Context Features for Answer Summary Extraction. , 2016, , .		3
83	An Empirical Analysis of Pruning Techniques. , 2017, , .		3
84	Predicting Re-finding Activity and Difficulty. Lecture Notes in Computer Science, 2015, , 715-727.	1.0	3
85	The Impact of Query Length and Document Length on Book Search Effectiveness. Lecture Notes in Computer Science, 2009, , 172-178.	1.0	3
86	On the Effectiveness of Query Weighting for Adapting Rank Learners to New Unlabelled Collections. , 2016, , .		3
87	A Crowdsourcing Methodology to Measure Algorithmic Bias in Black-Box Systems: A Case Study with COVID-Related Searches. Communications in Computer and Information Science, 2022, , 43-55.	0.4	3
88	Domain expert topic familiarity and search behavior. , 2011, , .		2
89	Cost and benefit estimation of experts' mediation in an enterprise search. Journal of the Association for Information Science and Technology, 2014, 65, 146-163.	1.5	2
90	A Study of Querying Behaviour of Expert and Non-expert Users of Biomedical Search Systems. , 2014, , .		2

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91	Concurrence of Word Concepts in Cooking Recipe Search. , 2017, , .		2
92	Estimating Measurement Uncertainty for Information Retrieval Effectiveness Metrics. Journal of Data and Information Quality, 2018, 10, 1-22.	1.5	2
93	Sentence length bias in TREC novelty track judgements. , 2012, , .		2
94	Identifying Re-finding Difficulty from User Query Logs. , 2014, , .		2
95	Assessing the Cognitive Complexity of Information Needs. , 2014, , .		2
96	Towards Nuanced System Evaluation Based on Implicit User Expectations. Lecture Notes in Computer Science, 2015, , 332-344.	1.0	2
97	Answering English Queries in Automatically Transcribed Arabic Speech. , 2007, , .		1
98	User preference choices for complex question answering. , 2008, , .		1
99	Using eye tracking for evaluating web search interfaces. , 2013, , .		1
100	Data Fusion for Japanese Term and Character N-gram Search. , 2015, , .		1
101	Only forward?. , 2017, , .		1
102	How Well Did You Locate Me? Effective Evaluation of Twitter User Geolocation. , 2018, , .		1
103	RMIT at INEX 2011 Snippet Retrieval Track. Lecture Notes in Computer Science, 2012, , 300-305.	1.0	1
104	Component-based Analysis of Dynamic Search Performance. ACM Transactions on Information Systems, 2022, 40, 1-47.	3.8	1
105	On the Cost of Negation for Dynamic Pruning. Lecture Notes in Computer Science, 2018, , 544-549.	1.0	0
106	Can Users Predict Relative Query Effectiveness?. , 2022, , .		0