

Alvaro Barreiro

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

536
citations

759233

12
h-index

794594

19
g-index

69
all docs

69
docs citations

69
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-armed bandits for adjudicating documents in pooling-based evaluation of information retrieval systems. <i>Information Processing and Management</i> , 2017, 53, 1005-1025.	8.6	34
2	Collaborative filtering embeddings for memory-based recommender systems. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 85, 347-356.	8.1	32
3	Relevance-based language modelling for recommender systems. <i>Information Processing and Management</i> , 2013, 49, 966-980.	8.6	29
4	Probabilistic static pruning of inverted files. <i>ACM Transactions on Information Systems</i> , 2010, 28, 1-33.	4.9	27
5	Item-based relevance modelling of recommendations for getting rid of long tail products. <i>Knowledge-Based Systems</i> , 2016, 103, 41-51.	7.1	27
6	Feeling lucky?. , 2016, , .		25
7	A Logical Model for Information Retrieval based on Propositional Logic and Belief Revision. <i>Computer Journal</i> , 2001, 44, 410-424.	2.4	23
8	Score distributions for Pseudo Relevance Feedback. <i>Information Sciences</i> , 2014, 273, 171-181.	6.9	22
9	Using a belief revision operator for document ranking in extended Boolean models. , 1999, , .		21
10	TSP and cluster-based solutions to the reassignment of document identifiers. <i>Information Retrieval</i> , 2006, 9, 499-517.	2.0	21
11	Document Identifier Reassignment Through Dimensionality Reduction. <i>Lecture Notes in Computer Science</i> , 2005, , 375-387.	1.3	20
12	Using score distributions to compare statistical significance tests for information retrieval evaluation. <i>Journal of the Association for Information Science and Technology</i> , 2020, 71, 98-113.	2.9	19
13	Finding and analysing good neighbourhoods to improve collaborative filtering. <i>Knowledge-Based Systems</i> , 2018, 159, 193-202.	7.1	17
14	Static Pruning of Terms in Inverted Files. , 2007, , 64-75.		15
15	A rank fusion approach based on score distributions for prioritizing relevance assessments in information retrieval evaluation. <i>Information Fusion</i> , 2018, 39, 56-71.	19.1	14
16	Boosting static pruning of inverted files. , 2007, , .		13
17	Additive Smoothing for Relevance-Based Language Modelling of Recommender Systems. , 2016, , .		13
18	When to stop making relevance judgments? A study of stopping methods for building information retrieval test collections. <i>Journal of the Association for Information Science and Technology</i> , 2019, 70, 49-60.	2.9	11

#	ARTICLE	IF	CITATIONS
19	LiMe. , 2018, , .		10
20	Testing the tests. , 2021, , .		9
21	Language Models for Collaborative Filtering Neighbourhoods. Lecture Notes in Computer Science, 2016, , 614-625.	1.3	9
22	Embedding term similarity and inverse document frequency into a logical model of information retrieval. Journal of the Association for Information Science and Technology, 2003, 54, 285-301.	2.6	8
23	Axiomatic Analysis of Language Modelling of Recommender Systems. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2017, 25, 113-127.	1.9	8
24	Revisiting N-Gram Based Models for Retrieval in Degraded Large Collections. Lecture Notes in Computer Science, 2009, , 680-684.	1.3	8
25	Combining Top-N Recommenders with Metasearch Algorithms. , 2017, , .		7
26	Efficient query-by-example spoken document retrieval combining phone multigram representation and dynamic time warping. Information Processing and Management, 2019, 56, 43-60.	8.6	7
27	Characterization of a simple case of the reassignment of document identifiers as a pattern sequencing problem. , 2005, , .		6
28	Probabilistic Document Length Priors for Language Models. , 2008, , 394-405.		6
29	Winnowing-based text clustering. , 2008, , .		5
30	A Study of Priors for Relevance-Based Language Modelling of Recommender Systems. , 2015, , .		5
31	A MapReduce implementation of posterior probability clustering and relevance models for recommendation. Engineering Applications of Artificial Intelligence, 2018, 75, 114-124.	8.1	5
32	Document-based and term-based linear methods for pseudo-relevance feedback. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2019, 18, 5-17.	0.9	5
33	A Study of Smoothing Methods for Relevance-Based Language Modelling of Recommender Systems. Lecture Notes in Computer Science, 2015, , 346-351.	1.3	5
34	Evaluation of Text Clustering Algorithms with N-Gram-Based Document Fingerprints. Lecture Notes in Computer Science, 2009, , 645-653.	1.3	5
35	Design and integration of a graphic interface for an expert system in oncology. International Journal of Bio-medical Computing, 1993, 33, 25-43.	0.5	4
36	Statistical language models for query-by-example spoken document retrieval. Multimedia Tools and Applications, 2020, 79, 7927-7949.	3.9	4

#	ARTICLE	IF	CITATIONS
37	The wisdom of the rankers. , 2021, , .		4
38	An experimental study of constrained clustering effectiveness in presence of erroneous constraints. Information Processing and Management, 2012, 48, 537-551.	8.6	3
39	Propositional Logic Representations for Documents and Queries: A Large-Scale Evaluation. Lecture Notes in Computer Science, 2003, , 219-234.	1.3	3
40	Efficient Pseudo-Relevance Feedback Methods for Collaborative Filtering Recommendation. Lecture Notes in Computer Science, 2016, , 602-613.	1.3	3
41	Promoting Divergent Terms in the Estimation of Relevance Models. Lecture Notes in Computer Science, 2011, , 77-88.	1.3	3
42	Blog snippets. , 2010, , .		2
43	PRIN: A Probabilistic Recommender with Item Priors and Neural Models. Lecture Notes in Computer Science, 2019, , 133-147.	1.3	2
44	Sentence Retrieval with LSI and Topic Identification. Lecture Notes in Computer Science, 2006, , 119-130.	1.3	2
45	A homogeneous framework to model relevance feedback. , 2001, , .		1
46	Term Association Measures for Memory-based Recommender Systems. , 2018, , .		1
47	CIE-9-MC Code Classification with knn and SVM. Lecture Notes in Computer Science, 2009, , 499-508.	1.3	1
48	Novel and Diverse Recommendations by Leveraging Linear Models with User and Item Embeddings. Lecture Notes in Computer Science, 2020, , 215-222.	1.3	1
49	Negations and Document Length in Logical Retrieval. Lecture Notes in Computer Science, 2004, , 196-207.	1.3	0
50	Negations and document length in logical retrieval. Information Systems, 2006, 31, 610-620.	3.6	0
51	An automatic linking service of document images reducing the effects of OCR errors with latent semantics. , 2010, , .		0
52	Where to start filtering redundancy?. , 2010, , .		0
53	Cost-effective construction of Information Retrieval test collections. , 2018, , .		0
54	Query Expansion as a Matrix Factorization Problem. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	Priors for Diversity and Novelty on Neural Recommender Systems. Proceedings (mdpi), 2019, 21, .	0.2	0
56	Building High-Quality Datasets for Information Retrieval Evaluation at a Reduced Cost. Proceedings (mdpi), 2019, 21, .	0.2	0
57	Compression-based document length prior for language models. , 2009, , .		0
58	Improving Alternative Text Clustering Quality in the Avoiding Bias Task with Spectral and Flat Partition Algorithms. Lecture Notes in Computer Science, 2010, , 407-421.	1.3	0
59	Language Modelling of Constraints for Text Clustering. Lecture Notes in Computer Science, 2012, , 352-363.	1.3	0
60	Docencia en Sistemas de Acceso À InformaciÃ³n: detecciÃ³n de plaxios, emprego de tecnoloxÃas avanzadas para desenvolvemento software e achegamento da experiencia na industria À aula. , 0, , 41-56.		0
61	Overall Comparison at the Standard Levels of Recall of Multiple Retrieval Methods with the Friedman Test. , 2007, , 682-685.		0
62	NowOnWeb: News Search and Summarization. , 2007, , 225-232.		0