

# Iadh Ounis

## List of Publications by Year in descending order

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Version: 2024-02-01

206  
papers

4,205  
citations

257450

24  
h-index

276875

41  
g-index

209  
all docs

209  
docs citations

209  
times ranked

1893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting query reformulations for web search result diversification. , 2010, , .		308
2	Terrier Information Retrieval Platform. Lecture Notes in Computer Science, 2005, , 517-519.	1.3	204
3	Voting for candidates. , 2006, , .		166
4	Inferring Query Performance Using Pre-retrieval Predictors. Lecture Notes in Computer Science, 2004, , 43-54.	1.3	141
5	Query performance prediction. Information Systems, 2006, 31, 585-594.	3.6	112
6	Search Result Diversification. Foundations and Trends in Information Retrieval, 2015, 9, 1-90.	6.8	99
7	The whens and hows of learning to rank for web search. Information Retrieval, 2013, 16, 584-628.	2.0	86
8	A Contextual Attention Recurrent Architecture for Context-Aware Venue Recommendation. , 2018, , .		86
9	Using word embeddings in Twitter election classification. Information Retrieval, 2018, 21, 183-207.	2.0	81
10	Intent-aware search result diversification. , 2011, , .		65
11	Voting techniques for expert search. Knowledge and Information Systems, 2008, 16, 259-280.	3.2	64
12	On building a reusable Twitter corpus. , 2012, , .		60
13	A Heterogeneous Graph Neural Model for Cold-start Recommendation. , 2020, , .		60
14	Selectively diversifying web search results. , 2010, , .		57
15	MapReduce indexing strategies: Studying scalability and efficiency. Information Processing and Management, 2012, 48, 873-888.	8.6	57
16	Learning to predict response times for online query scheduling. , 2012, , .		56
17	Explicit Search Result Diversification through Sub-queries. Lecture Notes in Computer Science, 2010, , 87-99.	1.3	55
18	A Deep Recurrent Collaborative Filtering Framework for Venue Recommendation. , 2017, , .		54

#	ARTICLE	IF	CITATIONS
19	An effective statistical approach to blog post opinion retrieval. , 2008, , .		51
20	Scalable distributed event detection for Twitter. , 2013, , .		50
21	Efficient and effective retrieval using selective pruning. , 2013, , .		50
22	Combining fields for query expansion and adaptive query expansion. Information Processing and Management, 2007, 43, 1294-1307.	8.6	48
23	Expertise drift and query expansion in expert search. , 2007, , .		42
24	RELIEF. , 1998, , .		41
25	Learning to rank query suggestions for adhoc and diversity search. Information Retrieval, 2013, 16, 429-451.	2.0	41
26	A study of parameter tuning for term frequency normalization. , 2003, , .		39
27	Term Frequency Normalisation Tuning for BM25 and DFR Models. Lecture Notes in Computer Science, 2005, , 200-214.	1.3	39
28	Incorporating term dependency in the dfr framework. , 2007, , .		38
29	Query reformulation using automatically generated query concepts from a document space. Information Processing and Management, 2006, 42, 453-468.	8.6	37
30	Using Word Embedding to Evaluate the Coherence of Topics from Twitter Data. , 2016, , .		37
31	On the usefulness of query features for learning to rank. , 2012, , .		35
32	Blog track research at TREC. ACM SIGIR Forum, 2010, 44, 58-75.	0.5	35
33	Exploring Data Splitting Strategies for the Evaluation of Recommendation Models. , 2020, , .		34
34	Conceptual Graphs and First Order Logic. Computer Journal, 2000, 43, 1-12.	2.4	32
35	On the role of novelty for search result diversification. Information Retrieval, 2012, 15, 478-502.	2.0	30
36	Integrating Proximity to Subjective Sentences for Blog Opinion Retrieval. Lecture Notes in Computer Science, 2009, , 325-336.	1.3	30

#	ARTICLE	IF	CITATIONS
37	Finding good feedback documents. , 2009, , .		29
38	About learning models with multiple query-dependent features. ACM Transactions on Information Systems, 2013, 31, 1-39.	4.9	29
39	A case study of distributed information retrieval architectures to index one terabyte of text. Information Processing and Management, 2005, 41, 1141-1161.	8.6	28
40	Performance analysis of distributed information retrieval architectures using an improved network simulation model. Information Processing and Management, 2007, 43, 204-224.	8.6	28
41	Key blog distillation. , 2008, , .		28
42	Ranking opinionated blog posts using OpinionFinder. , 2008, , .		28
43	Upper-bound approximations for dynamic pruning. ACM Transactions on Information Systems, 2011, 29, 1-28.	4.9	28
44	Efficient Query Processing for Scalable Web Search. Foundations and Trends in Information Retrieval, 2018, 12, 319-500.	6.8	28
45	On sparsity and drift for effective real-time filtering in microblogs. , 2013, , .		26
46	Studying Query Expansion Effectiveness. Lecture Notes in Computer Science, 2009, , 611-619.	1.3	26
47	Incremental Update Summarization. , 2014, , .		25
48	A Task-Specific Query and Document Representation for Medical Records Search. Lecture Notes in Computer Science, 2013, , 747-751.	1.3	23
49	On single-pass indexing with MapReduce. , 2009, , .		23
50	A Personalised Ranking Framework with Multiple Sampling Criteria for Venue Recommendation. , 2017, , .		22
51	Event attendance classification in social media. Information Processing and Management, 2019, 56, 687-703.	8.6	22
52	Using Relevance Feedback in Expert Search. , 2007, , 431-443.		22
53	Multinomial Randomness Models for Retrieval with Document Fields. , 2007, , 28-39.		22
54	Analysis of Link Graph Compression Techniques. , 2008, , 596-601.		22

#	ARTICLE	IF	CITATIONS
55	A study of the dirichlet priors for term frequency normalisation. , 2005, , .		21
56	Searching for Expertise: Experiments with the Voting Model. Computer Journal, 2009, 52, 729-748.	2.4	21
57	Enhancing Sensitivity Classification with Semantic Features Using Word Embeddings. Lecture Notes in Computer Science, 2017, , 450-463.	1.3	21
58	Topic-centric Classification of Twitter User's Political Orientation. , 2015, , .		21
59	Learning to Select a Ranking Function. Lecture Notes in Computer Science, 2010, , 114-126.	1.3	20
60	Open source information retrieval. ACM SIGIR Forum, 2012, 46, 95-101.	0.5	20
61	Learning to combine representations for medical records search. , 2013, , .		20
62	Topics in Tweets: A User Study of Topic Coherence Metrics for Twitter Data. Lecture Notes in Computer Science, 2016, , 492-504.	1.3	20
63	A syntactically-based query reformulation technique for information retrieval. Information Processing and Management, 2008, 44, 143-162.	8.6	19
64	Exploiting term dependence while handling negation in medical search. , 2012, , .		19
65	Identifying top news using crowdsourcing. Information Retrieval, 2013, 16, 179-209.	2.0	19
66	Towards a Classifier for Digital Sensitivity Review. Lecture Notes in Computer Science, 2014, , 500-506.	1.3	19
67	Hypothesis testing for the risk-sensitive evaluation of retrieval systems. , 2014, , .		18
68	Enhancing First Story Detection using Word Embeddings. , 2016, , .		18
69	High Quality Expertise Evidence for Expert Search. , 2008, , 283-295.		18
70	Comparing Approaches for Query Autocompletion. , 2015, , .		18
71	User model-based metrics for offline query suggestion evaluation. , 2013, , .		17
72	On Inverted Index Compression for Search Engine Efficiency. Lecture Notes in Computer Science, 2014, , 359-371.	1.3	17

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73	Crowdsourced Rumour Identification During Emergencies. , 2015, , .		17
74	On setting the hyper-parameters of term frequency normalization for information retrieval. ACM Transactions on Information Systems, 2007, 25, 13.	4.9	16
75	Usefulness of quality click-through data for training. , 2009, , .		16
76	Explicit Diversification of Event Aspects for Temporal Summarization. ACM Transactions on Information Systems, 2018, 36, 1-31.	4.9	16
77	We need to go deeper: measuring electoral violence using convolutional neural networks and social media. Political Science Research and Methods, 2021, 9, 122-139.	2.3	16
78	Semi-Automated Text Classification for Sensitivity Identification. , 2015, , .		16
79	Regularising Factorised Models for Venue Recommendation using Friends and their Comments. , 2016, , .		16
80	Information Retrieval on the Blogosphere. Foundations and Trends in Information Retrieval, 2012, 6, 1-125.	6.8	15
81	Regional Sentiment Bias in Social Media Reporting During Crises. Information Systems Frontiers, 2018, 20, 1013-1025.	6.4	15
82	Can RDB2RDF Tools Feasibly Expose Large Science Archives for Data Integration?. Lecture Notes in Computer Science, 2009, , 491-505.	1.3	15
83	FACTS-IR. ACM SIGIR Forum, 2019, 53, 20-43.	0.5	15
84	Sequential Testing for Early Stopping of Online Experiments. , 2015, , .		14
85	Risk-Sensitive Evaluation and Learning to Rank using Multiple Baselines. , 2016, , .		14
86	Comparing Algorithms for Microblog Summarisation. Lecture Notes in Computer Science, 2014, , 153-159.	1.3	14
87	Learning Models for Ranking Aggregates. Lecture Notes in Computer Science, 2011, , 517-529.	1.3	14
88	Experiments with a Venue-Centric Model for Personalised and Time-Aware Venue Suggestion. , 2015, , .		14
89	Dempster-Shafer Theory for a Query-Biased Combination of Evidence on the Web. Information Retrieval, 2005, 8, 197-218.	2.0	13
90	A self-adapting latency/power tradeoff model for replicated search engines. , 2014, , .		13

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91	Examining the Coherence of the Top Ranked Tweet Topics. , 2016, , .		13
92	How the Accuracy and Confidence of Sensitivity Classification Affects Digital Sensitivity Review. ACM Transactions on Information Systems, 2021, 39, 1-34.	4.9	13
93	Using Part-of-Speech N-grams for Sensitive-Text Classification. , 2015, , .		12
94	A Contextual Recurrent Collaborative Filtering framework for modelling sequences of venue checkins. Information Processing and Management, 2020, 57, 102092.	8.6	12
95	A Hybrid Conditional Variational Autoencoder Model for Personalised Top-n Recommendation. , 2020, , .		12
96	The influence of the document ranking in expert search. Information Processing and Management, 2011, 47, 376-390.	8.6	11
97	The Simpson's Paradox in the Offline Evaluation of Recommendation Systems. ACM Transactions on Information Systems, 2022, 40, 1-22.	4.9	11
98	Retrieval sensitivity under training using different measures. , 2008, , .		10
99	Load-sensitive selective pruning for distributed search. , 2013, , .		10
100	EAIMS. , 2016, , .		10
101	Exploring Time-Sensitive Variational Bayesian Inference LDA for Social Media Data. Lecture Notes in Computer Science, 2017, , 252-265.	1.3	10
102	Efficient & Effective Selective Query Rewriting with Efficiency Predictions. , 2017, , .		10
103	A Study of SVM Kernel Functions for Sensitivity Classification Ensembles with POS Sequences. , 2017, , .		10
104	Event Tracker. , 2019, , .		10
105	Comparison of Sentiment Analysis and User Ratings in Venue Recommendation. Lecture Notes in Computer Science, 2019, , 215-228.	1.3	10
106	Supervised approaches for explicit search result diversification. Information Processing and Management, 2020, 57, 102356.	8.6	10
107	Effective contact recommendation in social networks by adaptation of information retrieval models. Information Processing and Management, 2020, 57, 102285.	8.6	10
108	Generalized Team Draft Interleaving. , 2015, , .		10

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109	News vertical search. , 2013, , .		9
110	Optimised Scheduling of Online Experiments. , 2015, , .		9
111	Search results diversification for effective fair ranking in academic search. Information Retrieval, 2022, 25, 1-26.	2.0	9
112	Effect of different docid orderings on dynamic pruning retrieval strategies. , 2011, , .		8
113	Using historical click data to increase interleaving sensitivity. , 2013, , .		8
114	On choosing an effective automatic evaluation metric for microblog summarisation. , 2014, , .		8
115	Exploring Social Media for Event Attendance. , 2017, , .		8
116	Aggregated Search Result Diversification. Lecture Notes in Computer Science, 2011, , 250-261.	1.3	8
117	Aggregating Evidence from Hospital Departments to Improve Medical Records Search. Lecture Notes in Computer Science, 2013, , 279-291.	1.3	8
118	Hybrid Query Scheduling for a Replicated Search Engine. Lecture Notes in Computer Science, 2013, , 435-446.	1.3	8
119	Is spam an issue for opinionated blog post search?. , 2009, , .		8
120	Using Exploration to Alleviate Closed Loop Effects in Recommender Systems. , 2020, , .		8
121	Examining the content load of part of speech blocks for information retrieval. , 2006, , .		8
122	Effect of dynamic pruning safety on learning to rank effectiveness. , 2012, , .		7
123	Modelling efficient novelty-based search result diversification in metric spaces. Journal of Discrete Algorithms, 2013, 18, 75-88.	0.7	7
124	On the Importance of Venue-Dependent Features for Learning to Rank Contextual Suggestions. , 2014, , .		7
125	Matrix Factorisation with Word Embeddings for Rating Prediction on Location-Based Social Networks. Lecture Notes in Computer Science, 2017, , 647-654.	1.3	7
126	Topic-centric Classification of Twitter Userâ€™s Political Orientation. , 2015, , .		7

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127	Usefulness of hyperlink structure for query-biased topic distillation. , 2004, , .		6
128	Multimedia search over integrated social and sensor networks. , 2012, , .		6
129	Learning to selectively rank patients' medical history. , 2013, , .		6
130	Transferring Learning To Rank Models for Web Search. , 2015, , .		6
131	Votes on Twitter: Assessing Candidate Preferences and Topics of Discussion During the 2016 U.S. Presidential Election. SAGE Open, 2019, 9, 215824401879165.	1.7	6
132	Explicit diversification of search results across multiple dimensions for educational search. Journal of the Association for Information Science and Technology, 2021, 72, 315-330.	2.9	6
133	Tackling Biased Baselines in the Risk-Sensitive Evaluation of Retrieval Systems. Lecture Notes in Computer Science, 2014, , 26-38.	1.3	6
134	Predicting the Usefulness of Collection Enrichment for Enterprise Search. Lecture Notes in Computer Science, 2009, , 366-370.	1.3	6
135	Active Learning Strategies for Technology Assisted Sensitivity Review. Lecture Notes in Computer Science, 2018, , 439-453.	1.3	6
136	Parameter sensitivity in the probabilistic model for ad-hoc retrieval. , 2007, , .		5
137	Limits of opinion-finding baseline systems. , 2008, , .		5
138	Searching and exploring controlled vocabularies. , 2009, , .		5
139	Mimicking Web search engines for expert search. Information Processing and Management, 2011, 47, 467-481.	8.6	5
140	How diverse are web search results?. , 2011, , .		5
141	Transfer Learning for Multi-language Twitter Election Classification. , 2017, , .		5
142	On the Additivity and Weak Baselines for Search Result Diversification Research. , 2017, , .		5
143	On enhancing the robustness of timeline summarization test collections. Information Processing and Management, 2019, 56, 1815-1836.	8.6	5
144	On Cross-Domain Transfer in Venue Recommendation. Lecture Notes in Computer Science, 2019, , 443-456.	1.3	5

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145	Unifying Explicit and Implicit Feedback for Rating Prediction and Ranking Recommendation Tasks. , 2019, , .		5
146	Towards Maximising Openness in Digital Sensitivity Review Using Reviewing Time Predictions. Lecture Notes in Computer Science, 2018, , 699-706.	1.3	5
147	Sparse Spatial Selection for Novelty-Based Search Result Diversification. Lecture Notes in Computer Science, 2011, , 344-355.	1.3	5
148	BETA-Rec: Build, Evaluate and Tune Automated Recommender Systems. , 2020, , .		5
149	A study of selective collection enrichment for enterprise search. , 2009, , .		4
150	The influence of the document ranking in expert search. , 2009, , .		4
151	Disambiguating biomedical acronyms using EMIM. , 2011, , .		4
152	Effectiveness beyond the first crawl tier. , 2011, , .		4
153	Query efficiency prediction for dynamic pruning. , 2011, , .		4
154	On the suitability of diversity metrics for learning-to-rank for diversity. , 2011, , .		4
155	Modelling Relevance towards Multiple Inclusion Criteria when Ranking Patients.. , 2014, , .		4
156	Diversifying contextual suggestions from location-based social networks. , 2014, , .		4
157	SUPER. , 2015, , .		4
158	Performance Comparison of Clustered and Replicated Information Retrieval Systems. , 2007, , 124-135.		4
159	A Learned Approach for Ranking News in Real-Time Using the Blogosphere. Lecture Notes in Computer Science, 2011, , 104-116.	1.3	4
160	Combination of Document Priors in Web Information Retrieval. , 2007, , 732-736.		4
161	The Role of Latent Semantic Categories and Clustering in Enhancing the Efficiency of Human Sensitivity Review. , 2022, , .		4
162	Construction of Query Concepts in a Document Space Based on Data Mining Techniques. Lecture Notes in Computer Science, 2004, , 137-149.	1.3	3

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163	ACM SIGIR workshop on mathematical/formal methods in information retrieval MF/IR 2005. ACM SIGIR Forum, 2005, 39, 29-30.	0.5	3
164	Searching for expertise using the terrier platform. , 2006, , .		3
165	Finding the right term: Retrieving and exploring semantic concepts in astronomical vocabularies. Information Processing and Management, 2010, 46, 470-478.	8.6	3
166	Scheduling queries across replicas. , 2012, , .		3
167	Learning to handle negated language in medical records search. , 2013, , .		3
168	Information Access in Smart Cities (i-ASC). Lecture Notes in Computer Science, 2014, , 810-814.	1.3	3
169	Analyzing Disproportionate Reaction via Comparative Multilingual Targeted Sentiment in Twitter. , 2017, , .		3
170	Experiments in Newswire Summarisation. Lecture Notes in Computer Science, 2016, , 421-435.	1.3	3
171	Predicting Contextually Appropriate Venues in Location-Based Social Networks. Lecture Notes in Computer Science, 2016, , 96-109.	1.3	3
172	Modelling the Usefulness of Document Collections for Query Expansion in Patient Search. , 2015, , .		3
173	Reproducing Personalised Session Search Over the AOL Query Log. Lecture Notes in Computer Science, 2022, , 627-640.	1.3	3
174	A decision mechanism for the selective combination of evidence in topic distillation. Information Retrieval, 2006, 9, 139-163.	2.0	2
175	An examination of content farms in web search using crowdsourcing. , 2012, , .		2
176	An Effective Approach for Modelling Time Features for Classifying Bursty Topics on Twitter. , 2018, , .		2
177	Automatic Ground Truth Expansion for Timeline Evaluation. , 2018, , .		2
178	How Sensitivity Classification Effectiveness Impacts Reviewers in Technology-Assisted Sensitivity Review. , 2019, , .		2
179	Evaluating Similarity Metrics for Latent Twitter Topics. Lecture Notes in Computer Science, 2019, , 787-794.	1.3	2
180	Query Processing in Highly-Loaded Search Engines. Lecture Notes in Computer Science, 2013, , 49-55.	1.3	2

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181	Report on ACM SIGIR workshop on "semantic web" SWIR 2003. ACM SIGIR Forum, 2003, 37, 45-49.	0.5	2
182	On perfect document rankings for expert search. , 2009, , .		2
183	Next-Generation Personalized Investment Recommendations. , 2022, , 171-198.		2
184	TOIS reviewers January 2006 through May 2007. ACM Transactions on Information Systems, 2007, 25, 15.	4.9	1
185	Automatic document prior feature selection for web retrieval. , 2008, , .		1
186	CrowdTerrier. , 2012, , .		1
187	SmartVenues. , 2014, , .		1
188	Using Sensor Metadata Streams to Identify Topics of Local Events in the City. , 2015, , .		1
189	On the Reproducibility and Generalisation of the Linear Transformation of Word Embeddings. Lecture Notes in Computer Science, 2018, , 263-275.	1.3	1
190	Learning to Geolocalise Tweets at a Fine-Grained Level. , 2018, , .		1
191	Detecting Missing Content Queries in an SMS-Based HIV/AIDS FAQ Retrieval System. Lecture Notes in Computer Science, 2014, , 247-259.	1.3	1
192	Browsing Recommendation Based on the Intertemporal Choice Model. Lecture Notes in Computer Science, 2009, , 215-226.	1.3	1
193	Fitting score distribution for blog opinion retrieval. , 2009, , .		1
194	A Study of Personalised Medical Literature Search. Lecture Notes in Computer Science, 2014, , 74-85.	1.3	1
195	Axiomatic Analysis of Contact Recommendation Methods in Social Networks: An IR Perspective. Lecture Notes in Computer Science, 2020, , 175-190.	1.3	1
196	Finding Data Resources in a Virtual Observatory Using SKOS Vocabularies. Lecture Notes in Computer Science, 2008, , 189-192.	1.3	1
197	Expert Search Evaluation by Supporting Documents. , 2008, , 555-563.		1
198	On Refining Twitter Lists as Ground Truth Data for Multi-community User Classification. Lecture Notes in Computer Science, 2018, , 765-772.	1.3	0

#	ARTICLE	IF	CITATIONS
199	Variational Bayesian representation learning for grocery recommendation. Information Retrieval, 2021, 24, 347-369.	2.0	0
200	30 th European Conference in Information Retrieval (ECIR 2008). ACM SIGIR Forum, 2008, 42, 44-46.	0.5	0
201	Protocol-Driven Searches for Medical and Health-Sciences Systematic Reviews. Lecture Notes in Computer Science, 2011, , 188-200.	1.3	0
202	Exploiting Query Logs and Field-Based Models to Address Term Mismatch in an HIV/AIDS FAQ Retrieval System. Lecture Notes in Computer Science, 2013, , 77-89.	1.3	0
203	Report on the 1st International Workshop on Information Access in Smart Cities (i-ASC 2014). ACM SIGIR Forum, 2014, 48, 96-104.	0.5	0
204	UCUI'15. , 2015, , .		0
205	Report on the Information Retrieval Festival (IRFest2017). ACM SIGIR Forum, 2017, 51, 12-28.	0.5	0
206	Extending Weighting Models with a Term Quality Measure. , 2007, , 205-216.		0