

Guido Zuccon

List of Publications by Year in descending order

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Version: 2024-02-01

137
papers

1,862
citations

430874

18
h-index

454955

30
g-index

146
all docs

146
docs citations

146
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
1	Seed-Driven Document Ranking for Systematic Reviews: A Reproducibility Study. Lecture Notes in Computer Science, 2022, , 686-700.	1.3	5
2	Is Non-IID Data a Threat in Federated Online Learning to Rank?. , 2022, , .		3
3	To Interpolate or not to Interpolate. , 2022, , .		6
4	Implicit Feedback for Dense Passage Retrieval. , 2022, , .		3
5	How Does Feedback Signal Quality Impact Effectiveness of Pseudo Relevance Feedback for Passage Retrieval. , 2022, , .		5
6	From Little Things Big Things Grow. , 2022, , .		10
7	A comparison of automatic Boolean query formulation for systematic reviews. Information Retrieval, 2021, 24, 3-28.	2.0	18
8	Do better search engines really equate to better clinical decisions? If not, why not?. Journal of the Association for Information Science and Technology, 2021, 72, 141-155.	2.9	5
9	Fixed-Cost Pooling Strategies. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1503-1522.	5.7	11
10	Federated Online Learning to Rank with Evolution Strategies: A Reproducibility Study. Lecture Notes in Computer Science, 2021, , 134-149.	1.3	7
11	Deep Query Likelihood Model for Information Retrieval. Lecture Notes in Computer Science, 2021, , 463-470.	1.3	6
12	Diagnosis Ranking with Knowledge Graph Convolutional Networks. Lecture Notes in Computer Science, 2021, , 359-374.	1.3	1
13	Search Engines vs. Symptom Checkers: A Comparison of their Effectiveness for Online Health Advice. , 2021, , .		11
14	<i>Big Brother:</i> A Drop-In Website Interaction Logging Service. , 2021, , .		1
15	Loss-based Active Learning for Named Entity Recognition. , 2021, , .		1
16	Effective and Privacy-preserving Federated Online Learning to Rank. , 2021, , .		7
17	How do Online Learning to Rank Methods Adapt to Changes of Intent?. , 2021, , .		4
18	MeSH Term Suggestion for Systematic Review Literature Search. , 2021, , .		6

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19	Temporal tree representation for similarity computation between medical patients. Artificial Intelligence in Medicine, 2020, 108, 101900.	6.5	16
20	A Computational Approach for Objectively Derived Systematic Review Search Strategies. Lecture Notes in Computer Science, 2020, , 385-398.	1.3	6
21	You Can Teach an Old Dog New Tricks: Rank Fusion applied to Coordination Level Matching for Ranking in Systematic Reviews. Lecture Notes in Computer Science, 2020, , 399-414.	1.3	9
22	Counterfactual Online Learning to Rank. Lecture Notes in Computer Science, 2020, , 415-430.	1.3	12
23	Systematic Review Automation Tools for End-to-End Query Formulation. , 2020, , .		9
24	How searching under time pressure impacts clinical decision making. Journal of the Medical Library Association: JMLA, 2020, 108, 564-573.	1.7	5
25	Quality Matters: Understanding the Impact of Incomplete Data on Visualization Recommendation. Lecture Notes in Computer Science, 2020, , 122-138.	1.3	2
26	Representing EHRs with Temporal Tree and Sequential Pattern Mining for Similarity Computing. Lecture Notes in Computer Science, 2020, , 220-235.	1.3	5
27	Sampling Query Variations for Learning to Rank to Improve Automatic Boolean Query Generation in Systematic Reviews. , 2020, , .		2
28	Automatic Boolean Query Formulation for Systematic Review Literature Search. , 2020, , .		10
29	Health Cards for Consumer Health Search. , 2019, , .		9
30	Building Economic Models and Measures of Search. , 2019, , .		2
31	TrecTools. , 2019, , .		17
32	Automatic Boolean Query Refinement for Systematic Review Literature Search. , 2019, , .		24
33	Building Economic Models of Human Computer Interaction. , 2019, , .		1
34	CLEF eHealth 2019 Evaluation Lab. Lecture Notes in Computer Science, 2019, , 267-274.	1.3	3
35	Payoffs and pitfalls in using knowledge-bases for consumer health search. Information Retrieval, 2019, 22, 350-394.	2.0	5
36	Overview of the CLEF eHealth Evaluation Lab 2019. Lecture Notes in Computer Science, 2019, , 322-339.	1.3	14

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37	Consumer Health Search on the Web: Study of Web Page Understandability and Its Integration in Ranking Algorithms. <i>Journal of Medical Internet Research</i> , 2019, 21, e10986.	4.3	11
38	Impact of a Search Engine on Clinical Decisions Under Time and System Effectiveness Constraints: Research Protocol. <i>JMIR Research Protocols</i> , 2019, 8, e12803.	1.0	4
39	WSDM 2019 Tutorial on Health Search (HS2019). , 2019, , .		1
40	Health Card Retrieval for Consumer Health Search. , 2019, , .		1
41	An analysis of evaluation campaigns in ad-hoc medical information retrieval: CLEF eHealth 2013 and 2014. <i>Information Retrieval</i> , 2018, 21, 507-540.	2.0	10
42	Choices in Knowledge-Base Retrieval for Consumer Health Search. <i>Lecture Notes in Computer Science</i> , 2018, , 72-85.	1.3	3
43	A task completion framework to support single-interaction IR research. <i>Journal of Documentation</i> , 2018, 74, 289-308.	1.6	1
44	Task-oriented search for evidence-based medicine. <i>International Journal on Digital Libraries</i> , 2018, 19, 217-229.	1.5	5
45	searchrefiner. , 2018, , .		24
46	SIGIR 2018 Tutorial on Health Search (HS2018). , 2018, , .		2
47	Generating Better Queries for Systematic Reviews. , 2018, , .		17
48	Recursive module extraction using Louvain and PageRank. <i>F1000Research</i> , 2018, 7, 1286.	1.6	9
49	Linking Patents to Knowledge Sources. , 2018, , .		0
50	An Information Retrieval Experiment Framework for Domain Specific Applications. , 2018, , .		8
51	Query Variation Performance Prediction for Systematic Reviews. , 2018, , .		13
52	MM. , 2018, , .		6
53	A Test Collection for Evaluating Legal Case Law Search. , 2018, , .		16
54	On the Volatility of Commercial Search Engines and its Impact on Information Retrieval Research. , 2018, , .		3

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55	Extracting cancer mortality statistics from death certificates: A hybrid machine learning and rule-based approach for common and rare cancers. <i>Artificial Intelligence in Medicine</i> , 2018, 89, 1-9.	6.5	18
56	Overview of the CLEF eHealth Evaluation Lab 2018. <i>Lecture Notes in Computer Science</i> , 2018, , 286-301.	1.3	23
57	Economic Models of Interaction. , 2018, , .		5
58	Clinical information extraction using small data: An active learning approach based on sequence representations and word embeddings. <i>Journal of the Association for Information Science and Technology</i> , 2017, 68, 2543-2556.	2.9	9
59	What makes an effective clinical query and querier?. <i>Journal of the Association for Information Science and Technology</i> , 2017, 68, 2557-2571.	2.9	6
60	CLEF 2017 eHealth Evaluation Lab Overview. <i>Lecture Notes in Computer Science</i> , 2017, , 291-303.	1.3	27
61	Active learning reduces annotation time for clinical concept extraction. <i>International Journal of Medical Informatics</i> , 2017, 106, 25-31.	3.3	23
62	SIGIR 2017 Tutorial on Health Search (HS2017). , 2017, , .		0
63	Automatic Query Generation from Legal Texts for Case Law Retrieval. <i>Lecture Notes in Computer Science</i> , 2017, , 181-193.	1.3	16
64	Integrating the Framing of Clinical Questions via PICO into the Retrieval of Medical Literature for Systematic Reviews. , 2017, , .		30
65	Fixed-Cost Pooling Strategies Based on IR Evaluation Measures. <i>Lecture Notes in Computer Science</i> , 2017, , 357-368.	1.3	9
66	Fixed budget pooling strategies based on fusion methods. , 2017, , .		6
67	Generating Clinical Queries from Patient Narratives. , 2017, , .		12
68	A Test Collection for Evaluating Retrieval of Studies for Inclusion in Systematic Reviews. , 2017, , .		22
69	The Lucene for Information Access and Retrieval Research (LIARR) Workshop at SIGIR 2017. , 2017, , .		10
70	Boosting Titles does not Generally Improve Retrieval Effectiveness. , 2016, , .		3
71	The Impact of Fixed-Cost Pooling Strategies on Test Collection Bias. , 2016, , .		9
72	Advances in Formal Models of Search and Search Behaviour. , 2016, , .		3

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73	Effective User Relevance Feedback for Image Retrieval with Image Signatures. , 2016, , .		0
74	Ranking Health Web Pages with Relevance and Understandability. , 2016, , .		24
75	Overview of the CLEF eHealth Evaluation Lab 2016. Lecture Notes in Computer Science, 2016, , 255-266.	1.3	27
76	A Test Collection for Matching Patients to Clinical Trials. , 2016, , .		19
77	An Analysis of the Cost and Benefit of Search Interactions. , 2016, , .		22
78	Information retrieval as semantic inference: a Graph Inference model applied to medical search. Information Retrieval, 2016, 19, 6-37.	2.0	33
79	Active learning: a step towards automating medical concept extraction. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 289-296.	4.4	40
80	Understandability Biased Evaluation for Information Retrieval. Lecture Notes in Computer Science, 2016, , 280-292.	1.3	28
81	Two Scrolls or One Click: A Cost Model for Browsing Search Results. Lecture Notes in Computer Science, 2016, , 696-702.	1.3	13
82	Assessors Agreement: A Case Study Across Assessor Type, Payment Levels, Query Variations and Relevance Dimensions. Lecture Notes in Computer Science, 2016, , 40-53.	1.3	10
83	Query Variations and their Effect on Comparing Information Retrieval Systems. , 2016, , .		12
84	Generalizing Translation Models in the Probabilistic Relevance Framework. , 2016, , .		15
85	Automatic detection of tweets reporting cases of influenza like illnesses in Australia. Health Information Science and Systems, 2015, 3, S4.	5.2	12
86	An Analysis of Theories of Search and Search Behavior. , 2015, , .		18
87	Integrating and Evaluating Neural Word Embeddings in Information Retrieval. , 2015, , .		70
88	Automatic ICD-10 classification of cancers from free-text death certificates. International Journal of Medical Informatics, 2015, 84, 956-965.	3.3	97
89	Approximate Nearest-Neighbour Search with Inverted Signature Slice Lists. Lecture Notes in Computer Science, 2015, , 147-158.	1.3	8
90	Diagnose This If You Can. Lecture Notes in Computer Science, 2015, , 562-567.	1.3	17

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91	Overview of the CLEF eHealth Evaluation Lab 2015. Lecture Notes in Computer Science, 2015, , 429-443.	1.3	32
92	A Signature Approach to Patent Classification. Lecture Notes in Computer Science, 2015, , 413-419.	1.3	9
93	Building and Using Models of Information Seeking, Search and Retrieval. , 2015, , .		5
94	External Knowledge and Query Strategies in Active Learning. , 2015, , .		9
95	The Influence of Pre-processing on the Estimation of Readability of Web Documents. , 2015, , .		19
96	Relevation!. , 2014, , .		13
97	Exploiting Inference from Semantic Annotations for Information Retrieval. , 2014, , .		7
98	Understanding negation and family history to improve clinical information retrieval. , 2014, , .		9
99	Medical Semantic Similarity with a Neural Language Model. , 2014, , .		90
100	De-identification of health records using Anonym: Effectiveness and robustness across datasets. Artificial Intelligence in Medicine, 2014, 61, 145-151.	6.5	18
101	Automatic query expansion: A structural linguistic perspective. Journal of the Association for Information Science and Technology, 2014, 65, 1577-1596.	2.9	4
102	Document Timespan Normalisation and Understanding Temporality for Clinical Records Search. , 2014, , .		1
103	Medical Free-Text to Concept Mapping as an Information Retrieval Problem. , 2014, , .		3
104	Overview of the ShARe/CLEF eHealth Evaluation Lab 2014. Lecture Notes in Computer Science, 2014, , 172-191.	1.3	56
105	Combining Word Semantics within Complex Hilbert Space for Information Retrieval. Lecture Notes in Computer Science, 2014, , 160-171.	1.3	4
106	Combining Word Semantics within Complex Hilbert Space for Information Retrieval. Lecture Notes in Computer Science, 2014, , 160-171.	1.3	0
107	Term associations in query expansion. , 2013, , .		1
108	Crowdsourcing interactions: using crowdsourcing for evaluating interactive information retrieval systems. Information Retrieval, 2013, 16, 267-305.	2.0	39

#	ARTICLE	IF	CITATIONS
109	Document ranking with quantum probabilities. ACM SIGIR Forum, 2013, 47, 69-70.	0.5	4
110	Efficient top-k retrieval with signatures. , 2013, , .		7
111	Automated classification of limb fractures from free-text radiology reports using a clinician-informed gazetteer methodology. Australasian Medical Journal, 2013, 6, 301-307.	0.1	12
112	Classification of cancer-related death certificates using machine learning. Australasian Medical Journal, 2013, 6, 292-300.	0.1	20
113	Overview of the ShARe/CLEF eHealth Evaluation Lab 2013. Lecture Notes in Computer Science, 2013, , 212-231.	1.3	127
114	ADCS reaches adulthood. , 2013, , .		0
115	CLASSIFICATION OF CANCER-RELATED DEATH CERTIFICATES USING MACHINE LEARNING. Australasian Medical Journal, 2013, 06, .	0.1	0
116	AUTOMATED CLASSIFICATION OF LIMB FRACTURES FROM FREE-TEXT RADIOLOGY REPORTS USING A CLINICIAN-INFORMED GAZETTEER METHODOLOGY. Australasian Medical Journal, 2013, 06, .	0.1	2
117	Automatic Classification of Free-Text Radiology Reports to Identify Limb Fractures using Machine Learning and the SNOMED CT Ontology. AMIA Summits on Translational Science Proceedings, 2013, 2013, 300-4.	0.4	13
118	A comprehensive analysis of parameter settings for novelty-biased cumulative gain. , 2012, , .		7
119	An evaluation of corpus-driven measures of medical concept similarity for information retrieval. , 2012, , .		19
120	Graph-based concept weighting for medical information retrieval. , 2012, , .		13
121	Exploiting medical hierarchies for concept-based information retrieval. , 2012, , .		25
122	Top-k Retrieval Using Facility Location Analysis. Lecture Notes in Computer Science, 2012, , 305-316.	1.3	26
123	Is the unigram relevance model term independent?. , 2012, , .		6
124	The interactive PRP for diversifying document rankings. , 2011, , .		5
125	On the use of Complex Numbers in Quantum Models for Information Retrieval. Lecture Notes in Computer Science, 2011, , 346-350.	1.3	3
126	Using Emotion to Diversify Document Rankings. Lecture Notes in Computer Science, 2011, , 337-341.	1.3	0

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127	An Analysis of Ranking Principles and Retrieval Strategies. Lecture Notes in Computer Science, 2011, , 151-163.	1.3	1
128	Has portfolio theory got any principles?. , 2010, , .		4
129	Estimating interference in the QPRP for subtopic retrieval. , 2010, , .		5
130	Using the Quantum Probability Ranking Principle to Rank Interdependent Documents. Lecture Notes in Computer Science, 2010, , 357-369.	1.3	59
131	When Two Is Better Than One: A Study of Ranking Paradigms and Their Integrations for Subtopic Retrieval. Lecture Notes in Computer Science, 2010, , 162-172.	1.3	3
132	University of Glasgow at ImageCLEFPhoto 2009: Optimising Similarity and Diversity in Image Retrieval. Lecture Notes in Computer Science, 2010, , 133-141.	1.3	0
133	Revisiting Subtopic Retrieval in the ImageCLEF 2009 Photo Retrieval Task. The Kluwer International Series on Information Retrieval, 2010, , 277-294.	1.0	0
134	Semantic Spaces: Measuring the Distance between Different Subspaces. Lecture Notes in Computer Science, 2009, , 225-236.	1.3	24
135	The Quantum Probability Ranking Principle for Information Retrieval. Lecture Notes in Computer Science, 2009, , 232-240.	1.3	32
136	Revisiting logical imaging for information retrieval. , 2009, , .		5
137	A Formalization of Logical Imaging for Information Retrieval Using Quantum Theory. , 2008, , .		4