

Roberto Navigli

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9015570/roberto-navigli-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

3,542
citations

26
h-index

59
g-index

78
ext. papers

4,274
ext. citations

3.1
avg. IF

6.17
L-index

#	Paper	IF	Citations
71	Word sense disambiguation. <i>ACM Computing Surveys</i> , 2009 , 41, 1-69	13.4	689
70	BabelNet: The automatic construction, evaluation and application of a wide-coverage multilingual semantic network. <i>Artificial Intelligence</i> , 2012 , 193, 217-250	3.6	577
69	Entity Linking meets Word Sense Disambiguation: a Unified Approach. <i>Transactions of the Association for Computational Linguistics</i> , 2014 , 2, 231-244	5.6	302
68	Learning Domain Ontologies from Document Warehouses and Dedicated Web Sites. <i>Computational Linguistics</i> , 2004 , 30, 151-179	2.8	207
67	A software engineering approach to ontology building. <i>Information Systems</i> , 2009 , 34, 258-275	2.7	167
66	Structural semantic interconnections: a knowledge-based approach to word sense disambiguation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 1075-86	13.3	141
65	An experimental study of graph connectivity for unsupervised word sense disambiguation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2010 , 32, 678-92	13.3	127
64	Knowledge Graphs. <i>ACM Computing Surveys</i> , 2021 , 54, 1-37	13.4	85
63	Collaboratively built semi-structured content and Artificial Intelligence: The story so far. <i>Artificial Intelligence</i> , 2013 , 194, 2-27	3.6	81
62	OntoLearn Reloaded: A Graph-Based Algorithm for Taxonomy Induction. <i>Computational Linguistics</i> , 2013 , 39, 665-707	2.8	81
61	GERBIL 2015 ,		79
60	Clustering and Diversifying Web Search Results with Graph-Based Word Sense Induction. <i>Computational Linguistics</i> , 2013 , 39, 709-754	2.8	76
59	Nasari: Integrating explicit knowledge and corpus statistics for a multilingual representation of concepts and entities. <i>Artificial Intelligence</i> , 2016 , 240, 36-64	3.6	71
58	The OntoWordNet Project: Extension and Axiomatization of Conceptual Relations in WordNet. <i>Lecture Notes in Computer Science</i> , 2003 , 820-838	0.9	46
57	Knowledge-enhanced document embeddings for text classification. <i>Knowledge-Based Systems</i> , 2019 , 163, 955-971	7.3	46
56	A Quick Tour of Word Sense Disambiguation, Induction and Related Approaches. <i>Lecture Notes in Computer Science</i> , 2012 , 115-129	0.9	44
55	Word Sense Disambiguation: A Unified Evaluation Framework and Empirical Comparison 2017 ,		43

54	From senses to texts: An all-in-one graph-based approach for measuring semantic similarity. <i>Artificial Intelligence</i> , 2015 , 228, 95-128	3.6	41
53	SemEval-2007 task 10 2007 ,		40
52	SemEval-2007 task 07 2007 ,		39
51	SemEval-2015 Task 13: Multilingual All-Words Sense Disambiguation and Entity Linking 2015 ,		37
50	A Proposal for a Unified Process for Ontology Building: UPON. <i>Lecture Notes in Computer Science</i> , 2005 , 655-664	0.9	35
49	The English lexical substitution task. <i>Language Resources and Evaluation</i> , 2009 , 43, 139-159	1.8	33
48	Meaningful clustering of senses helps boost word sense disambiguation performance 2006 ,		26
47	NASARI: a Novel Approach to a Semantically-Aware Representation of Items 2015 ,		26
46	Two Is Bigger (and Better) Than One: the Wikipedia Bitaxonomy Project 2014 ,		26
45	A Large-Scale Pseudoword-Based Evaluation Framework for State-of-the-Art Word Sense Disambiguation. <i>Computational Linguistics</i> , 2014 , 40, 837-881	2.8	23
44	Large-Scale Information Extraction from Textual Definitions through Deep Syntactic and Semantic Analysis. <i>Transactions of the Association for Computational Linguistics</i> , 2015 , 3, 529-543	5.6	22
43	The Usable Ontology: An Environment for Building and Assessing a Domain Ontology. <i>Lecture Notes in Computer Science</i> , 2002 , 39-53	0.9	21
42	Mining the Web to Create Specialized Glossaries. <i>IEEE Intelligent Systems</i> , 2008 , 23, 18-25	4.2	20
41	Knowledge Graphs 2021 , 12, 1-257		20
40	Two birds with one stone 2011 ,		15
39	A structural approach to the automatic adjudication of word sense disagreements. <i>Natural Language Engineering</i> , 2008 , 14, 547-573	1.1	15
38	Ensemble methods for unsupervised WSD 2006 ,		15
37	Ontology Enrichment Through Automatic Semantic Annotation of On-Line Glossaries. <i>Lecture Notes in Computer Science</i> , 2006 , 126-140	0.9	15

36	Quantitative and qualitative evaluation of the OntoLearn ontology learning system 2004 ,		15
35	It's All Fun and Games until Someone Annotates: Video Games with a Purpose for Linguistic Annotation. <i>Transactions of the Association for Computational Linguistics</i> , 2014 , 2, 449-464	5.6	14
34	Embedding Words and Senses Together via Joint Knowledge-Enhanced Training 2017 ,		14
33	Open Knowledge Extraction Challenge. <i>Communications in Computer and Information Science</i> , 2015 , 3-150.3		14
32	An overview of word and sense similarity. <i>Natural Language Engineering</i> , 2019 , 25, 693-714	1.1	12
31	SemEval-2014 Task 3: Cross-Level Semantic Similarity 2014 ,		12
30	MultiWiBi: The multilingual Wikipedia bitaxonomy project. <i>Artificial Intelligence</i> , 2016 , 241, 66-102	3.6	12
29	Sar-graphs: A language resource connecting linguistic knowledge with semantic relations from knowledge graphs. <i>Web Semantics</i> , 2016 , 37-38, 112-131	2.9	9
28	Clustering Web Search Results with Maximum Spanning Trees. <i>Lecture Notes in Computer Science</i> , 2011 , 201-212	0.9	9
27	Train-O-Matic: Large-Scale Supervised Word Sense Disambiguation in Multiple Languages without Manual Training Data 2017 ,		8
26	Natural Language Understanding: Instructions for (Present and Future) Use 2018 ,		8
25	Towards a Seamless Integration of Word Senses into Downstream NLP Applications 2017 ,		7
24	Semantic Rule Filtering for Web-Scale Relation Extraction. <i>Lecture Notes in Computer Science</i> , 2013 , 347-362		7
23	WiSeNet 2012 ,		6
22	BabelDomains: Large-Scale Domain Labeling of Lexical Resources 2017 ,		6
21	Train-O-Matic: Supervised Word Sense Disambiguation with no (manual) effort. <i>Artificial Intelligence</i> , 2020 , 279, 103215	3.6	6
20	Recent Trends in Word Sense Disambiguation: A Survey 2021 ,		6
19	BabelNet and Friends: A manifesto for multilingual semantic processing. <i>Intelligenza Artificiale</i> , 2013 , 7, 165-181	0.7	5

18	BabelNetXplorer 2012 ,		5
17	Consistent Validation of Manual and Automatic Sense Annotations with the Aid of Semantic Graphs. <i>Computational Linguistics</i> , 2006 , 32, 273-281	2.8	5
16	Validating and Extending Semantic Knowledge Bases using Video Games with a Purpose 2014 ,		5
15	Cross level semantic similarity: an evaluation framework for universal measures of similarity. <i>Language Resources and Evaluation</i> , 2016 , 50, 5-33	1.8	5
14	A Robust Approach to Aligning Heterogeneous Lexical Resources 2014 ,		4
13	GlossExtractor: A Web Application to Automatically Create a Domain Glossary. <i>Lecture Notes in Computer Science</i> , 2007 , 339-349	0.9	2
12	AUTOMATIC ACQUISITION OF A THESAURUS OF INTEROPERABILITY TERMS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 100-105		2
11	EuroSense: Automatic Harvesting of Multilingual Sense Annotations from Parallel Text 2017 ,		2
10	Automatic Identification and Disambiguation of Concepts and Named Entities in the Multilingual Wikipedia. <i>Lecture Notes in Computer Science</i> , 2015 , 357-366	0.9	2
9	A Semantic-Based System for Querying Personal Digital Libraries. <i>Lecture Notes in Computer Science</i> , 2004 , 39-46	0.9	2
8	SenseDefs: a multilingual corpus of semantically annotated textual definitions. <i>Language Resources and Evaluation</i> , 2019 , 53, 251-278	1.8	1
7	Multilingual semantic dictionaries for natural language processing: The case of BabelNet. <i>Encyclopedia With Semantic Computing and Robotic Intelligence</i> , 2017 , 01, 1630015	0	1
6	A Quick Tour of BabelNet 1.1. <i>Lecture Notes in Computer Science</i> , 2013 , 25-37	0.9	1
5	Ontologies 2016 ,		1
4	Multilingual semantic dictionaries for natural language processing: The case of BabelNet. <i>World Scientific Encyclopedia With Semantic Computing and Robotic Intelligence</i> , 2017 , 149-163	0	
3	Recent advancements in human language technology in Italy. <i>Intelligenza Artificiale</i> , 2013 , 7, 91-100	0.7	
2	APPLYING THE UNIFIED PROCESS TO LARGE-SCALE ONTOLOGY BUILDING. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 94-99		
1	An Overview of BabelNet and its API for Multilingual Language Processing. <i>Theory and Applications of Natural Language Processing</i> , 2013 , 177-197	0.3	

