

# Aitor Soroa Etxabe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1712056/publications.pdf>

Version: 2024-02-01

33  
papers

1,511  
citations

1162889

8  
h-index

794469

19  
g-index

34  
all docs

34  
docs citations

34  
times ranked

960  
citing authors

#	ARTICLE	IF	CITATIONS
1	KIDE4I: A Generic Semantics-Based Task-Oriented Dialogue System for Human-Machine Interaction in Industry 5.0. Applied Sciences (Switzerland), 2022, 12, 1192.	1.3	15
2	Inferring spatial relations from textual descriptions of images. Pattern Recognition, 2021, 113, 107847.	5.1	2
3	Towards an optimal design of natural human interaction mechanisms for a service robot with ancillary way-finding capabilities in industrial environments. Production and Manufacturing Research, 2021, 9, 1-32.	0.9	1
4	A scalable architecture for data-intensive natural language processing. Natural Language Engineering, 2017, 23, 709-731.	2.1	2
5	Building Event-Centric Knowledge Graphs from News. SSRN Electronic Journal, 2016, , .	0.4	4
6	Exploring Comparative Evaluation of Semantic Enrichment Tools for Cultural Heritage Metadata. Lecture Notes in Computer Science, 2016, , 266-278.	1.0	9
7	Building event-centric knowledge graphs from news. Web Semantics, 2016, 37-38, 132-151.	2.2	107
8	Alleviating Poor Context with Background Knowledge for Named Entity Disambiguation. , 2016, , .		8
9	Big data for Natural Language Processing: A streaming approach. Knowledge-Based Systems, 2015, 79, 36-42.	4.0	57
10	Combining Mention Context and Hyperlinks from Wikipedia for Named Entity Disambiguation. , 2015, , .		8
11	Random Walks and Neural Network Language Models on Knowledge Bases. , 2015, , .		41
12	Improving distant supervision using inference learning. , 2015, , .		6
13	UBC entity recognition and disambiguation at ERD 2014. , 2014, , .		3
14	Random Walks for Knowledge-Based Word Sense Disambiguation. Computational Linguistics, 2014, 40, 57-84.	2.5	174
15	Evaluating hierarchical organisation structures for exploring digital libraries. Information Retrieval, 2014, 17, 351-379.	1.6	5
16	Improving search over Electronic Health Records using UMLS-based query expansion through random walks. Journal of Biomedical Informatics, 2014, 51, 100-106.	2.5	41
17	Exploring the use of word embeddings and random walks on Wikipedia for the CogAlex shared task. , 2014, , .		1
18	KYOTO: A Knowledge-Rich Approach to the Interoperable Mining of Events from Text. Theory and Applications of Natural Language Processing, 2013, , 65-90.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Information seeking in digital cultural heritage with PATHS. , 2013, , .		0
20	PATHSenrich: A Web Service Prototype for Automatic Cultural Heritage Item Enrichment. Lecture Notes in Computer Science, 2013, , 462-465.	1.0	2
21	Exploiting domain information for Word Sense Disambiguation of medical documents. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 235-240.	2.2	17
22	Two birds with one stone. , 2011, , .		29
23	Graph-based Word Sense Disambiguation of biomedical documents. Bioinformatics, 2010, 26, 2889-2896.	1.8	54
24	Dealing With Complex Linguistic Annotations Within a Language Processing Framework. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 904-915.	3.8	7
25	Personalizing PageRank for word sense disambiguation. , 2009, , .		244
26	A study on similarity and relatedness using distributional and WordNet-based approaches. , 2009, , .		439
27	WikiWalk. , 2009, , .		91
28	ELHISA: An architecture for the integration of heterogeneous lexical information. Natural Language Engineering, 2008, 14, 253-281.	2.1	1
29	Semeval-2007 task O2. , 2007, , .		66
30	UBC-AS. , 2007, , .		9
31	Two graph-based algorithms for state-of-the-art WSD. , 2006, , .		42
32	Evaluating and optimizing the parameters of an unsupervised graph-based WSD algorithm. , 2006, , .		18
33	A Methodology for Building Translator-oriented Dictionary Systems. Machine Translation, 2000, 15, 295-310.	1.3	4