Aitor Soroa Etxabe

List of Publications by Year
in descending order

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	A study on similarity and relatedness using distributional and WordNet-based approaches. , 2009, , .		439
2	Personalizing PageRank for word sense disambiguation. , 2009, , .		244
3	Random Walks for Knowledge-Based Word Sense Disambiguation. Computational Linguistics, 2014, 40, 57-84.	2.5	174
4	Building event-centric knowledge graphs from news. Web Semantics, 2016, 37-38, 132-151.	2.2	107
5	WikiWalk. , 2009, , .		91
6	Semeval-2007 task 02. , 2007, , .		66
7	Big data for Natural Language Processing: A streaming approach. Knowledge-Based Systems, 2015, 79, 36-42.	4.0	57
8	Graph-based Word Sense Disambiguation of biomedical documents. Bioinformatics, 2010, 26, 2889-2896.	1.8	54
9	Two graph-based algorithms for state-of-the-art WSD. , 2006, , .		42
10	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
11	Random Walks and Neural Network Language Models on Knowledge Bases. , 2015, , .		41
12	Two birds with one stone. , 2011, , .		29
13	Evaluating and optimizing the parameters of an unsupervised graph-based WSD algorithm. , 2006, , .		18
14	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
15	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
16	Exploring Comparative Evaluation of Semantic Enrichment Tools for Cultural Heritage Metadata. Lecture Notes in Computer Science, 2016, , 266-278.	1.0	9
17	UBC-AS. , 2007, , .		9
18	Alleviating Poor Context with Background Knowledge for Named Entity Disambiguation. , 2016, , .		8

#	Article	IF	Citations
19	Combining Mention Context and Hyperlinks from Wikipedia for Named Entity Disambiguation. , 2015, , .		8
20	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
21	Improving distant supervision using inference learning. , 2015, , .		6
22	Evaluating hierarchical organisation structures for exploring digital libraries. Information Retrieval, 2014, 17, 351-379.	1.6	5
23	A Methodology for Building Translator-oriented Dictionary Systems. Machine Translation, 2000, 15, 295-310.	1.3	4
24	Building Event-Centric Knowledge Graphs from News. SSRN Electronic Journal, 2016, , .	0.4	4
25	UBC entity recognition and disambiguation at ERD 2014. , 2014, , .		3
26	A scalable architecture for data-intensive natural language processing. Natural Language Engineering, 2017, 23, 709-731.	2.1	2
27	Inferring spatial relations from textual descriptions of images. Pattern Recognition, 2021, 113, 107847.	5.1	2
28	PATHSenrich: A Web Service Prototype for Automatic Cultural Heritage Item Enrichment. Lecture Notes in Computer Science, 2013, , 462-465.	1.0	2
29	ELHISA: An architecture for the integration of heterogeneous lexical information. Natural Language Engineering, 2008, 14, 253-281.	2.1	1
30	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
31	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
32	Exploring the use of word embeddings and random walks on Wikipedia for the CogAlex shared task. , 2014, , .		1
33	Information seeking in digital cultural heritage with PATHS. , 2013, , .		0