Roberto Basili

List of Publications by Year
in descending order

63 papers	709 citations	1051969 10 h-index	759306 22 g-index
66 all docs	66 docs citations	66 times ranked	433 citing authors

#	Article	IF	Citations
1	Adversarial training for few-shot text classification. Intelligenza Artificiale, 2021, 14, 201-214.	1.0	2
2	Neural embeddings: accurate and readable inferences based on semantic kernels. Natural Language Engineering, 2019, 25, 519-541.	2.1	4
3	Kernel-Based Generative Adversarial Networks for Weakly Supervised Learning. Lecture Notes in Computer Science, 2019, , 336-347.	1.0	3
4	On the Impact of Linguistic Information inÂKernel-Based Deep Architectures. Lecture Notes in Computer Science, 2017, , 359-371.	1.0	2
5	Effective and scalable kernel-based language learning via stratified NystrÃ¶m methods. Intelligenza Artificiale, 2017, 11, 93-116.	1.0	0
6	Dialogue with Robots to Support Symbiotic Autonomy. Lecture Notes in Electrical Engineering, 2017, , 331-342.	0.3	1
7	Spoken Language Understanding for Service Robotics in Italian. Lecture Notes in Computer Science, 2016, , 477-489.	1.0	1
8	User Mood Tracking for Opinion Analysis on Twitter. Lecture Notes in Computer Science, 2016, , 76-88.	1.0	2
9	Large-Scale Kernel-Based Language Learning Through the Ensemble Nystr $$ddot{o}$$ o Â¨ m Methods. Lecture Notes in Computer Science, 2016, , 100-112.	1.0	4
10	Semantic Tree Kernels for Statistical Natural Language Learning. Studies in Computational Intelligence, 2015, , 93-113.	0.7	3
11	Using Semantic Models for Robust Natural Language Human Robot Interaction. Lecture Notes in Computer Science, 2015, , 343-356.	1.0	4
12	RoboCup@Home Spoken Corpus: Using Robotic Competitions for Gathering Datasets. Lecture Notes in Computer Science, 2015, , 19-30.	1.0	1
13	Acquiring a Large Scale Polarity Lexicon Through Unsupervised Distributional Methods. Lecture Notes in Computer Science, 2015, , 73-86.	1.0	17
14	KeLP: a Kernel-based Learning Platform for Natural Language Processing. , 2015, , .		28
15	Semantic Compositionality in Tree Kernels. , 2014, , .		15
16	Effective Kernelized Online Learning in Language Processing Tasks. Lecture Notes in Computer Science, 2014, , 347-358.	1.0	7
17	Robust Language Learning via Efficient Budgeted Online Algorithms. , 2013, , .		0
18	Linear Online Learning over Structured Data with Distributed Tree Kernels. , 2013, , .		4

#	Article	IF	Citations
19	A Robust Machine Learning Approach for Signal Separation and Classification. Lecture Notes in Computer Science, 2013, , 749-757.	1.0	0
20	Kernel-Based Discriminative Re-ranking for Spoken Command Understanding in HRI. Lecture Notes in Computer Science, 2013, , 169-180.	1.0	9
21	Evalita 2011: The Frame Labeling over Italian Texts Task. Lecture Notes in Computer Science, 2013, , 195-204.	1.0	1
22	Robust Requirements Analysis in Complex Systems through Machine Learning. Communications in Computer and Information Science, 2013, , 44-58.	0.4	2
23	Innovation-Related Enterprise Semantic Search: The INSEARCH Experience. , 2012, , .		3
24	Distributional Compositional Semantics and Text Similarity. , 2012, , .		4
25	Space Projections as Distributional Models for Semantic Composition. Lecture Notes in Computer Science, 2012, , 323-335.	1.0	10
26	Distributional Models and Lexical Semantics in Convolution Kernels. Lecture Notes in Computer Science, 2012, , 336-348.	1.0	1
27	Supervised semantic relation mining from linguistically noisy text documents. International Journal on Document Analysis and Recognition, 2011, 14, 213-228.	2.7	1
28	Techniques based on Support Vector Machines for cloud detection on QuickBird satellite imagery. , 2011, , .		13
29	Semantic convolution kernels over dependency trees. , 2011, , .		30
30	Structured Learning for Semantic Role Labeling. Lecture Notes in Computer Science, 2011, , 238-249.	1.0	5
31	Latent Topic Models of Surface Syntactic Information. Lecture Notes in Computer Science, 2011, , 225-237.	1.0	0
32	SVM based transcription system with short-term memory oriented to polyphonic piano music. , 2010, , .		12
33	Distributional lexical semantics: Toward uniform representation paradigms for advanced acquisition and processing tasks. Natural Language Engineering, 2010, 16, 347-358.	2.1	5
34	Cross-Lingual Alignment of FrameNet Annotations through Hidden Markov Models. Lecture Notes in Computer Science, 2010, , 12-25.	1.0	6
35	Acquiring IE Patterns through Distributional Lexical Semantic Models. Lecture Notes in Computer Science, 2010, , 512-524.	1.0	0
36	Automatic multimedia annotation through kernel combinations. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
37	Kernel-based relation extraction from investigative data. , 2009, , .		4
38	Semantic Word Spaces for Robust Role Labeling. , 2009, , .		0
39	Learning Semantic Roles for Ontology Patterns. , 2009, , .		2
40	Cross-Language Frame Semantics Transfer in Bilingual Corpora. Lecture Notes in Computer Science, 2009, , 332-345.	1.0	10
41	Kernel-Based Learning for Domain-Specific Relation Extraction. Lecture Notes in Computer Science, 2009, , 161-171.	1.0	4
42	A Robust Geometric Model for Argument Classification. Lecture Notes in Computer Science, 2009, , 284-293.	1.0	0
43	Semantically Rich Spaces for Document Clustering. , 2008, , .		1
44	Tree Kernels for Semantic Role Labeling. Computational Linguistics, 2008, 34, 193-224.	2.5	106
45	Automatic induction of FrameNet lexical units. , 2008, , .		25
46	Combining word sense and usage for modeling frame semantics. , 2008, , .		10
47	Semantic Kernels for Text Classification Based on Topological Measures of Feature Similarity. IEEE International Conference on Data Mining, 2006, , .	0.0	43
48	EXTENSIVE EVALUATION OF EFFICIENT NLP-DRIVEN TEXT CLASSIFICATION. Applied Artificial Intelligence, 2006, 20, 457-491.	2.0	3
49	RitroveRAI: A Web Application for Semantic Indexing and Hyperlinking of Multimedia News. Lecture Notes in Computer Science, 2005, , 97-111.	1.0	14
50	Effective use of WordNet semantics via kernel-based learning. , 2005, , .		14
51	Complex Linguistic Features for Text Classification: A Comprehensive Study. Lecture Notes in Computer Science, 2004, , 181-196.	1.0	94
52	INTELLIGENT NLP-DRIVEN TEXT CLASSIFICATION. International Journal on Artificial Intelligence Tools, 2002, 11, 389-423.	0.7	4
53	Parsing engineering and empirical robustness. Natural Language Engineering, 2002, 8, 97-120.	2.1	37
54	Representing document content via an object-oriented paradigm. Lecture Notes in Computer Science, 1999, , 199-207.	1.0	0

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55	Lexical acquisition and information extraction. Lecture Notes in Computer Science, 1997, , 44-72.	1.0	12
56	Corpus-driven unsupervised learning of verb subcategorization frames. Lecture Notes in Computer Science, 1997, , 159-170.	1.0	13
57	An empirical symbolic approach to natural language processing. Artificial Intelligence, 1996, 85, 59-99.	3.9	32
58	Modelling syntactic uncertainty in lexical acquisition from texts*. Journal of Quantitative Linguistics, 1994, 1, 62-81.	0.7	9
59	What can be learned from raw texts?. Machine Translation, 1993, 8, 147-173.	1.3	11
60	Acquisition of selectional patterns in sublanguages. Machine Translation, 1993, 8, 175-201.	1.3	20
61	SEMI-AUTOMATIC EXTRACTION OF LINGUISTIC INFORMATION FOR SYNTACTIC DISAMBIGUATION. Applied Artificial Intelligence, 1993, 7, 339-364.	2.0	7
62	A Shallow Syntactic Analyser to Extract Word Associations from Corpora. Literary and Linguistic Computing, 1992, 7, 113-123.	0.6	13
63	Computational lexicons. , 1992, , .		14