Roberto Basili

List of Publications by Year in Descending Order

62 papers	451 citations	10 h-index	19 g-index
66 ext. papers	500 ext. citations	1 avg, IF	3.42 L-index

#	Paper	IF	Citations
62	Adversarial training for few-shot text classification. *Intelligenza Artificiale*, **2021**, 14, 201-214	0.7	0
61	Neural embeddings: accurate and readable inferences based on semantic kernels. *Natural Language Engineering*, **2019**, 25, 519-541	1.1	2
60	Kernel-Based Generative Adversarial Networks for Weakly Supervised Learning. *Lecture Notes in Computer Science*, **2019**, 336-347	0.9	1
59	Effective and scalable kernel-based language learning via stratified Nyström methods. *Intelligenza Artificiale*, **2017**, 11, 93-116	0.7	
58	On the Impact of Linguistic Information in Kernel-Based Deep Architectures. *Lecture Notes in Computer Science*, **2017**, 359-371	0.9	2
57	Dialogue with Robots to Support Symbiotic Autonomy. *Lecture Notes in Electrical Engineering*, **2017**, 331-342		1
56	Large-Scale Kernel-Based Language Learning Through the Ensemble Nystr(ddot{o})m Methods. *Lecture Notes in Computer Science*, **2016**, 100-112	0.9	3
55	Spoken Language Understanding for Service Robotics in Italian. *Lecture Notes in Computer Science*, **2016**, 477-489	0.9	1
54	User Mood Tracking for Opinion Analysis on Twitter. *Lecture Notes in Computer Science*, **2016**, 76-88	0.9	2
53	Using Semantic Models for Robust Natural Language Human Robot Interaction. *Lecture Notes in Computer Science*, **2015**, 343-356	0.9	4
52	Semantic Tree Kernels for Statistical Natural Language Learning. *Studies in Computational Intelligence*, **2015**, 93-113	0.8	2
51	KeLP: a Kernel-based Learning Platform for Natural Language Processing **2015**,		17
50	RoboCup@Home Spoken Corpus: Using Robotic Competitions for Gathering Datasets. *Lecture Notes in Computer Science*, **2015**, 19-30	0.9	1
49	Acquiring a Large Scale Polarity Lexicon Through Unsupervised Distributional Methods. *Lecture Notes in Computer Science*, **2015**, 73-86	0.9	10
48	Bootstrapping Large Scale Polarity Lexicons through Advanced Distributional Methods. *Lecture Notes in Computer Science*, **2015**, 329-342	0.9	2
47	Distributional Models for Lexical Semantics: An Investigation of Different Representations for Natural Language Learning. *Studies in Computational Intelligence*, **2015**, 115-134	0.8	
46	Semantic Compositionality in Tree Kernels **2014**,		8

45	Effective Kernelized Online Learning in Language Processing Tasks. *Lecture Notes in Computer Science*, **2014**, 347-358	0.9	3
44	Linear Online Learning over Structured Data with Distributed Tree Kernels **2013**,		4
43	A Robust Machine Learning Approach for Signal Separation and Classification. *Lecture Notes in Computer Science*, **2013**, 749-757	0.9	
42	Kernel-Based Discriminative Re-ranking for Spoken Command Understanding in HRI. *Lecture Notes in Computer Science*, **2013**, 169-180	0.9	3
41	EvalIta 2011: The Frame Labelingover Italian Texts Task. *Lecture Notes in Computer Science*, **2013**, 195-204	0.9	1
40	Robust Requirements Analysis in Complex Systems through Machine Learning. *Communications in Computer and Information Science*, **2013**, 44-58	0.3	1
39	Distributional Compositional Semantics and Text Similarity **2012**,		1
38	Innovation-Related Enterprise Semantic Search: The INSEARCH Experience **2012**,		2
37	Space Projections as Distributional Models for Semantic Composition. *Lecture Notes in Computer Science*, **2012**, 323-335	0.9	7
36	Distributional Models and Lexical Semantics in Convolution Kernels. *Lecture Notes in Computer Science*, **2012**, 336-348	0.9	1
35	Supervised semantic relation mining from linguistically noisy text documents. *International Journal on Document Analysis and Recognition*, **2011**, 14, 213-228	3.8	1
34	Techniques based on Support Vector Machines for cloud detection on QuickBird satellite imagery **2011**,		9
33	Semantic convolution kernels over dependency trees **2011**,		22
32	Structured Learning for Semantic Role Labeling. *Lecture Notes in Computer Science*, **2011**, 238-249	0.9	4
31	Latent Topic Models of Surface Syntactic Information. *Lecture Notes in Computer Science*, **2011**, 225-237	0.9	
30	Distributional lexical semantics: Toward uniform representation paradigms for advanced acquisition and processing tasks. *Natural Language Engineering*, **2010**, 16, 347-358	1.1	4
29	SVM based transcription system with short-term memory oriented to polyphonic piano music **2010**,		6
28	Cross-Lingual Alignment of FrameNet Annotations through Hidden Markov Models. *Lecture Notes in Computer Science*, **2010**, 12-25	0.9	3

27	Acquiring IE Patterns through Distributional Lexical Semantic Models. *Lecture Notes in Computer Science*, **2010**, 512-524	0.9	
26	Kernel-based relation extraction from investigative data **2009**,		2
25	Learning Semantic Roles for Ontology Patterns **2009**,		2
24	Cross-Language Frame Semantics Transfer in Bilingual Corpora. *Lecture Notes in Computer Science*, **2009**, 332-345	0.9	4
23	Kernel-Based Learning for Domain-Specific Relation Extraction. *Lecture Notes in Computer Science*, **2009**, 161-171	0.9	4
22	A Robust Geometric Model for Argument Classification. *Lecture Notes in Computer Science*, **2009**, 284-293	0.9	
21	Tree Kernels for Semantic Role Labeling. *Computational Linguistics*, **2008**, 34, 193-224	2.8	69
20	Automatic induction of FrameNet lexical units **2008**,		11
19	Combining word sense and usage for modeling frame semantics **2008**,		4
18	Semantic Kernels for Text Classification Based on Topological Measures of Feature Similarity. *IEEE International Conference on Data Mining*, **2006**,		28
17	EXTENSIVE EVALUATION OF EFFICIENT NLP-DRIVEN TEXT CLASSIFICATION. *Applied Artificial Intelligence*, **2006**, 20, 457-491	2.3	3
16	Effective use of WordNet semantics via kernel-based learning **2005**,		7
15	A Semantic Kernel to Exploit Linguistic Knowledge. *Lecture Notes in Computer Science*, **2005**, 290-302	0.9	4
14	RitroveRAI: A Web Application for Semantic Indexing and Hyperlinking of Multimedia News. *Lecture Notes in Computer Science*, **2005**, 97-111	0.9	11
13	Complex Linguistic Features for Text Classification: A Comprehensive Study. *Lecture Notes in Computer Science*, **2004**, 181-196	0.9	61
12	INTELLIGENT NLP-DRIVEN TEXT CLASSIFICATION. *International Journal on Artificial Intelligence Tools*, **2002**, 11, 389-423	0.9	3
11	Parsing engineering and empirical robustness. *Natural Language Engineering*, **2002**, 8, 97-120	1.1	24
10	Representing document content via an object-oriented paradigm. *Lecture Notes in Computer Science*, **1999**, 199-207	0.9	

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9	Lexical acquisition and information extraction. *Lecture Notes in Computer Science*, **1997**, 44-72	0.9	6
8	Corpus-driven unsupervised learning of verb subcategorization frames. *Lecture Notes in Computer Science*, **1997**, 159-170	0.9	6
7	An empirical symbolic approach to natural language processing. *Artificial Intelligence*, **1996**, 85, 59-99	3.6	26
6	Modelling syntactic uncertainty in lexical acquisition from texts* Diportimento di Ingegneria Elettronica, Università di Roma, Tor Vergata, Via O. Raimondo, 00173 ROMA. Correspondence should be addressed to: Maria Teresa Pazienza, Department of Electrical Engineering, University of Tor Vergata, Roma, Italy, email: pazienza@tovvxl.ccd.utovrm.it. The authors want to thank Prof.	0.5	7
5	SEMI-AUTOMATIC EXTRACTION OF LINGUISTIC INFORMATION FOR SYNTACTIC DISAMBIGUATION. *Applied Artificial Intelligence*, **1993**, 7, 339-364 *Quantitative Linguistics,* **1994**, 1, 62-81	2.3	6
4	What can be learned from raw texts?. *Machine Translation*, **1993**, 8, 147-173	1.1	7
3	Acquisition of selectional patterns in sublanguages. *Machine Translation*, **1993**, 8, 175-201	1.1	14
2	A Shallow Syntactic Analyser to Extract Word Associations from Corpora. *Literary and Linguistic Computing*, **1992**, 7, 113-123		8
1	Computational lexicons **1992**,		6