Paola Velardi

List of Publications by Year
in descending order

73 papers	1,943 citations	393982 19 h-index	301761 39 g-index
76 all docs	76 docs citations	76 times ranked	1789 citing authors

#	Article	IF	Citations
1	Learning Domain Ontologies from Document Warehouses and Dedicated Web Sites. Computational Linguistics, 2004, 30, 151-179.	2.5	279
2	Structural semantic interconnections: a knowledge-based approach to word sense disambiguation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1075-1086.	9.7	229
3	Results from the centers for disease control and preventionâ€™s predict the 2013â€“2014 Influenza Season Challenge. BMC Infectious Diseases, 2016, 16, 357.	1.3	144
4	OntoLearn Reloaded: A Graph-Based Algorithm for Taxonomy Induction. Computational Linguistics, 2013, 39, 665-707.	2.5	140
5	Using text processing techniques to automatically enrich a domain ontology. , 2001, , .		108
6	Twitter mining for fine-grained syndromic surveillance. Artificial Intelligence in Medicine, 2014, 61, 153-163.	3.8	77
7	The OntoWordNet Project: Extension and Axiomatization of Conceptual Relations in WordNet. Lecture Notes in Computer Science, 2003, , 820-838.	1.0	74
8	A Taxonomy Learning Method and Its Application to Characterize a Scientific Web Community. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 180-191.	4.0	64
9	Influenza-Like Illness Surveillance on Twitter through Automated Learning of NaÃ¯ve Language. PLoS ONE, 2013, 8, e82489.	1.1	61
10	Efficient temporal mining of micro-blog texts and its application to event discovery. Data Mining and Knowledge Discovery, 2016, 30, 372-402.	2.4	56
11	A Survey of Machine Learning Approaches for Student Dropout Prediction in Online Courses. ACM Computing Surveys, 2021, 53, 1-34.	16.1	50
12	Identification of relevant terms to support the construction of domain ontologies. , 2001, , .		50
13	Text Mining Techniques to Automatically Enrich a Domain Ontology. Applied Intelligence, 2003, 18, 323-340.	3.3	48
14	The Usable Ontology: An Environment for Building and Assessing a Domain Ontology. Lecture Notes in Computer Science, 2002, , 39-53.	1.0	37
15	A New Content-Based Model for Social Network Analysis. , 2008, , .		33
16	Conceptual graphs for the analysis and generation of sentences. IBM Journal of Research and Development, 1988, 32, 251-257.	3.2	32
17	An empirical symbolic approach to natural language processing. Artificial Intelligence, 1996, 85, 59-99.	3.9	32
18	Automatic adaptation of proper noun dictionaries through cooperation of machine learning and probabilistic methods. , 2000, , .		28

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19	Can Twitter Be a Source of Information on Allergy? Correlation of Pollen Counts with Tweets Reporting Symptoms of Allergic Rhinoconjunctivitis and Names of Antihistamine Drugs. PLoS ONE, 2015, 10, e0133706.	1.1	27
20	Mining the Web to Create Specialized Glossaries. IEEE Intelligent Systems, 2008, 23, 18-25.	4.0	23
21	Ontology Enrichment Through Automatic Semantic Annotation of On-Line Glossaries. Lecture Notes in Computer Science, 2006, , 126-140.	1.0	21
22	Time Makes Sense: Event Discovery in Twitter Using Temporal Similarity. , 2014, , .		21
23	Gender, rank, and social networks on an enterprise social media platform. Social Networks, 2020, 62, 58-67.	1.3	21
24	Acquisition of selectional patterns in sublanguages. Machine Translation, 1993, 8, 175-201.	1.3	20
25	Quantitative and qualitative evaluation of the OntoLearn ontology learning system. , 2004, , .		19
26	Semantically interconnected social networks. Social Network Analysis and Mining, 2012, 2, 69-95.	1.9	19
27	Hashtag Sense Clustering Based on Temporal Similarity. Computational Linguistics, 2017, 43, 181-200.	2.5	16
28	Automatic acquisition of a taxonomy of microblogs usersâ€™ interests. Web Semantics, 2017, 45, 23-40.	2.2	15
29	Computational lexicons. , 1992, , .		14
30	Finding a domain-appropriate sense inventory for semantically tagging a corpus. Natural Language Engineering, 1998, 4, 325-344.	2.1	12
31	Recommendation of microblog users based on hierarchical interest profiles. Social Network Analysis and Mining, 2015, 5, 1.	1.9	12
32	What can be learned from raw texts?. Machine Translation, 1993, 8, 147-173.	1.3	11
33	The social phenotype: Extracting a patient-centered perspective of diabetes from health-related blogs. Artificial Intelligence in Medicine, 2019, 101, 101727.	3.8	11
34	A structured representation of word-senses for semantic analysis. , 1987, , .		11
35	Advancing Topic Ontology Learning through Term Extraction. Lecture Notes in Computer Science, 2008, , 626-635.	1.0	10
36	Computer aided interpretation of lexical cooccurrences. , 1989, , .		10

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37	Hidden space deep sequential risk prediction on student trajectories. Future Generation Computer Systems, 2021, 125, 532-543.	4.9	9
38	Semantic tagging of unknown proper nouns. Natural Language Engineering, 1999, 5, 171-185.	2.1	8
39	A Semantically Enriched Competency Management System to Support the Analysis of a Web-based Research Network. , 2007, , .		8
40	A topic recommender for journalists. Information Retrieval, 2019, 22, 4-31.	1.6	8
41	A feature-learning-based method for the disease-gene prediction problem. International Journal of Data Mining and Bioinformatics, 2020, 24, 16.	0.1	8
42	SEMI-AUTOMATIC EXTRACTION OF LINGUISTIC INFORMATION FOR SYNTACTIC DISAMBIGUATION. Applied Artificial Intelligence, 1993, 7, 339-364.	2.0	7
43	GlossExtractor: A Web Application to Automatically Create a Domain Glossary. Lecture Notes in Computer Science, 2007, , 339-349.	1.0	7
44	Wiki-MID: A Very Large Multi-domain Interests Dataset of Twitter Users with Mappings to Wikipedia. Lecture Notes in Computer Science, 2018, , 36-52.	1.0	5
45	Efficient Pruning of Large Knowledge Graphs. , 2018, , .		4
46	A Reproducibility Study of Deep and Surface Machine Learning Methods for Human-related Trajectory Prediction. , 2020, , .		4
47	Methodology for the Definition of a Glossary in a Collaborative Research Project and its Application to a European Network of Excellence. , 2006, , 311-322.		3
48	A Semantic Recommender for Micro-blog Users. , 2015, , .		3
49	Semantic Enabled Recommender System for Micro-Blog Users. , 2016, , .		3
50	AUTOMATIC ACQUISITION OF A THESAURUS OF INTEROPERABILITY TERMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 100-105.	0.4	2
51	CrumbTrail: An efficient methodology to reduce multiple inheritance in knowledge graphs. Knowledge-Based Systems, 2018, 151, 180-197.	4.0	2
52	What to write and why. , 2018, , .		2
53	A Network-Based Analysis of Disease Modules From a Taxonomic Perspective. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1773-1781.	3.9	2
54	Recovery blocks for communicating systems. Microprocessing and Microprogramming, 1983, 11, 287-294.	0.3	1

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55	Monitoring the status of a research community through a Knowledge Map. Web Intelligence and Agent Systems, 2008, 6, 273-294.	0.4	1
56	Modeling Collaborations Content in Social Network Analysis. , 2008, , .		1
57	Women leadership in enterprise social networks A SNA toolkit to foster the emergence of informal leaders in organizations. , 2015, , .		1
58	Predicting Disease Genes Using Connectivity and Functional Features. , 2019, , .		1
59	C o R o NN a. , 2021, , .		1
60	An Enterprise Social Analytics Dashboard to Support Competence Valorization and Diversity Management. Applied Sciences (Switzerland), 2021, 11, 8385.	1.3	1
61	Automatic Acquisition of a Taxonomy of Microblogs Userss Interests. SSRN Electronic Journal, 0, , .	0.4	1
62	Reliability analysis of multipath interconnection networks. Microprocessing and Microprogramming, 1986, 17, 255-265.	0.3	0
63	Detecting network leaders in enterprises. , 2017, , .		0
64	AIM in Health Blogs. , 2021, , 1-18.		0
65	Aim in Genomics. , 2021, , 1-15.		0
66	Latent and sequential prediction of the novel coronavirus epidemiological spread. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2021, 21, 5-18.	0.5	0
67	Feature-Based WSD: Why We Are at a Dead-End. Lecture Notes in Computer Science, 2002, , 5-14.	1.0	0
68	Web Ontology Learning and Engineering: An Integrated Approach. , 2004, , 223-242.		0
69	Analyzing Collaborations Through Content-Based Social Networks. Computer Communications and Networks, 2010, , 387-409.	0.8	0
70	Predicting disease genes for complex diseases using random watcher-walker. , 2020, , .		0
71	Integrating categorical and structural proximity in Disease Ontologies. , 2021, 2021, 2011-2014.		0
72	Aim in Genomics. , 2022, , 1073-1086.		0

#	Article	IF	Citations
73	AIM in Health Blogs. , 2022, , 1125-1142.		0