

# Alessandro Moschitti

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

3,307  
citations

516681

16  
h-index

414395

32  
g-index

119  
all docs

119  
docs citations

119  
times ranked

1679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Land Use Classification With Point of Interests and Structural Patterns. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3258-3269.	5.7	11
2	Machine Translation Customization via Automatic Training Data Selection from the Web. Lecture Notes in Computer Science, 2021, , 666-679.	1.3	1
3	Correction to: Machine Translation Customization via Automatic Training Data Selection from the Web. Lecture Notes in Computer Science, 2021, , C1-C1.	1.3	0
4	Answer Sentence Selection Using Local and Global Context in Transformer Models. Lecture Notes in Computer Science, 2021, , 298-312.	1.3	5
5	TANDA: Transfer and Adapt Pre-Trained Transformer Models for Answer Sentence Selection. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 7780-7788.	4.9	81
6	Reranking for Efficient Transformer-based Answer Selection. , 2020, , .		16
7	The Cascade Transformer: an Application for Efficient Answer Sentence Selection. , 2020, , .		23
8	Transfer Learning for Sequence Labeling Using Source Model and Target Data. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 6260-6267.	4.9	19
9	Learning pairwise patterns in Community Question Answering. Intelligenza Artificiale, 2019, 12, 49-65.	1.6	5
10	Arabic community question answering. Natural Language Engineering, 2019, 25, 5-41.	2.5	4
11	Shallow and Deep Syntactic/Semantic Structures for Passage Reranking in Question-Answering Systems. ACM Transactions on Information Systems, 2019, 37, 1-38.	4.9	4
12	Language processing and learning models for community question answering in Arabic. Information Processing and Management, 2019, 56, 274-290.	8.6	20
13	Cross-Language Question Re-Ranking. , 2017, , .		11
14	Autonomous Crowdsourcing through Human-Machine Collaborative Learning. , 2017, , .		6
15	Accurate Sentence Matching with Hybrid Siamese Networks. , 2017, , .		14
16	Structural Semantic Models for Automatic Analysis of Urban Areas. Lecture Notes in Computer Science, 2017, , 279-291.	1.3	6
17	Predicting Land Use of Italian Cities using Structural Semantic Models. , 2017, , 7-11.		1
18	A Multiple-Instance Learning Approach to Sentence Selection for Question Ranking. Lecture Notes in Computer Science, 2017, , 437-449.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Multitask Learning with Deep Neural Networks for Community Question Answering. <i>Ijcol</i> , 2017, 3, 51-65.	0.3	3
20	SIGIR 2016 Workshop WebQA II. , 2016, , .		3
21	Learning to Rank Non-Factoid Answers. , 2016, , .		9
22	Multi-lingual opinion mining on YouTube. <i>Information Processing and Management</i> , 2016, 52, 46-60.	8.6	62
23	Learning to Re-Rank Questions in Community Question Answering Using Advanced Features. , 2016, , .		16
24	Convolutional Neural Networks vs. Convolution Kernels: Feature Engineering for Answer Sentence Reranking. , 2016, , .		28
25	Semi-supervised Question Retrieval with Gated Convolutions. , 2016, , .		43
26	SemEval-2016 Task 3: Community Question Answering. , 2016, , .		116
27	ConvKN at SemEval-2016 Task 3: Answer and Question Selection for Question Answering on Arabic and English Fora. , 2016, , .		31
28	KeLP at SemEval-2016 Task 3: Learning Semantic Relations between Questions and Answers. , 2016, , .		50
29	Semantic Tree Kernels for Statistical Natural Language Learning. <i>Studies in Computational Intelligence</i> , 2015, , 93-113.	0.9	3
30	Twitter Sentiment Analysis with Deep Convolutional Neural Networks. , 2015, , .		381
31	Learning to Rank Short Text Pairs with Convolutional Deep Neural Networks. , 2015, , .		456
32	Assessing the Impact of Syntactic and Semantic Structures for Answer Passages Reranking. , 2015, , .		46
33	SemEval-2015 Task 3: Answer Selection in Community Question Answering. , 2015, , .		97
34	SIGIR 2014 workshop on semantic matching in information retrieval. , 2014, , .		5
35	A syntax-aware re-ranker for microblog retrieval. , 2014, , .		16
36	Information extraction from multimedia web documents: an open-source platform and testbed. <i>International Journal of Multimedia Information Retrieval</i> , 2014, 3, 97-111.	5.2	1

#	ARTICLE	IF	CITATIONS
37	Encoding Semantic Resources in Syntactic Structures for Passage Reranking. , 2014, , .		13
38	Opinion Mining on YouTube. , 2014, , .		26
39	Incremental Reranking for Hierarchical Text Classification. Lecture Notes in Computer Science, 2013, , 726-729.	1.3	0
40	Kernel-based learning to rank with syntactic and semantic structures. , 2013, , .		2
41	Building structures from classifiers for passage reranking. , 2013, , .		24
42	Relational Features in Fine-Grained Opinion Analysis. Computational Linguistics, 2013, 39, 473-509.	3.3	45
43	Anomaly Detection in the Cloud: Detecting Security Incidents via Machine Learning. Communications in Computer and Information Science, 2013, , 103-116.	0.5	19
44	Semantic technologies for industry: From knowledge modeling and integration to intelligent applications. Intelligenza Artificiale, 2013, 7, 125-137.	1.6	6
45	EvalIta 2011: The Frame Labeling over Italian Texts Task. Lecture Notes in Computer Science, 2013, , 195-204.	1.3	1
46	Learning to Rank from Structures in Hierarchical Text Classification. Lecture Notes in Computer Science, 2013, , 183-194.	1.3	2
47	Machine Learning for Emergent Middleware. Communications in Computer and Information Science, 2013, , 16-29.	0.5	6
48	Using Machine Learning and Information Retrieval Techniques to Improve Software Maintainability. Communications in Computer and Information Science, 2013, , 117-134.	0.5	3
49	Automatic Service Categorisation through Machine Learning in Emergent Middleware. Lecture Notes in Computer Science, 2013, , 133-149.	1.3	0
50	Automatic Generation and Reranking of SQL-Derived Answers to NL Questions. Communications in Computer and Information Science, 2013, , 59-76.	0.5	6
51	Special issue on statistical learning of natural language structured input and output. Natural Language Engineering, 2012, 18, 147-153.	2.5	1
52	Labeling by landscaping. , 2012, , .		1
53	Structural relationships for large-scale learning of answer re-ranking. , 2012, , .		53
54	Supervised models for multimodal image retrieval based on visual, semantic and geographic information. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
55	Structural reranking models for named entity recognition. <i>Intelligenza Artificiale</i> , 2012, 6, 177-190.	1.6	5
56	Fast support vector machines for convolution tree kernels. <i>Data Mining and Knowledge Discovery</i> , 2012, 25, 325-357.	3.7	11
57	Discriminative Reranking for Spoken Language Understanding. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012, 20, 526-539.	3.2	18
58	Inferring Affordances Using Learning Techniques. <i>Communications in Computer and Information Science</i> , 2012, , 79-87.	0.5	5
59	Large-Scale Learning with Structural Kernels for Class-Imbalanced Datasets. <i>Communications in Computer and Information Science</i> , 2012, , 34-41.	0.5	0
60	Machine Learning for Automatic Classification of Web Service Interface Descriptions. <i>Communications in Computer and Information Science</i> , 2012, , 220-231.	0.5	2
61	Efficient Graph Kernels for Textual Entailment Recognition. <i>Fundamenta Informaticae</i> , 2011, 107, 199-222.	0.4	6
62	Comparing Stochastic Approaches to Spoken Language Understanding in Multiple Languages. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2011, 19, 1569-1583.	3.2	49
63	Linguistic kernels for answer re-ranking in question answering systems. <i>Information Processing and Management</i> , 2011, 47, 825-842.	8.6	41
64	Supervised semantic relation mining from linguistically noisy text documents. <i>International Journal on Document Analysis and Recognition</i> , 2011, 14, 213-228.	3.4	1
65	Semantic convolution kernels over dependency trees. , 2011, , .		30
66	Fast Support Vector Machines for Structural Kernels. <i>Lecture Notes in Computer Science</i> , 2011, , 175-190.	1.3	7
67	Kernel-Based Machines for Abstract and Easy Modeling of Automatic Learning. <i>Lecture Notes in Computer Science</i> , 2011, , 458-503.	1.3	2
68	Semantic Mapping between Natural Language Questions and SQL Queries via Syntactic Pairing. <i>Lecture Notes in Computer Science</i> , 2010, , 207-221.	1.3	22
69	Hypotheses selection for re-ranking semantic annotations. , 2010, , .		2
70	Large-Scale Support Vector Learning with Structural Kernels. <i>Lecture Notes in Computer Science</i> , 2010, , 229-244.	1.3	10
71	Introduction to the Eternals Track: Trustworthy Eternal Systems via Evolving Software, Data and Knowledge. <i>Lecture Notes in Computer Science</i> , 2010, , 1-2.	1.3	0
72	Kernel-based relation extraction from investigative data. , 2009, , .		4

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73	A machine learning approach to textual entailment recognition. Natural Language Engineering, 2009, 15, 551-582.	2.5	49
74	Cross-Language Frame Semantics Transfer in Bilingual Corpora. Lecture Notes in Computer Science, 2009, , 332-345.	1.3	10
75	Syntactic Structural Kernels for Natural Language Interfaces to Databases. Lecture Notes in Computer Science, 2009, , 391-406.	1.3	5
76	Kernel-Based Learning for Domain-Specific Relation Extraction. Lecture Notes in Computer Science, 2009, , 161-171.	1.3	4
77	Efficient linearization of tree kernel functions. , 2009, , .		6
78	Shallow semantic parsing for spoken language understanding. , 2009, , .		11
79	Annotating spoken dialogs. , 2009, , .		35
80	Reverse engineering of tree kernel feature spaces. , 2009, , .		7
81	Convolution kernels on constituent, dependency and sequential structures for relation extraction. , 2009, , .		52
82	Re-ranking models based-on small training data for spoken language understanding. , 2009, , .		6
83	Re-ranking models for spoken language understanding. , 2009, , .		10
84	Joint generative and discriminative models for spoken language understanding. , 2008, , .		3
85	Generalized Framework for Syntax-Based Relation Mining. , 2008, , .		7
86	Automatic framenet-based annotation of conversational speech. , 2008, , .		5
87	Kernel methods, syntax and semantics for relational text categorization. , 2008, , .		61
88	Semantic annotations for conversational speech: From speech transcriptions to predicate argument structures. , 2008, , .		2
89	Tree Kernels for Semantic Role Labeling. Computational Linguistics, 2008, 34, 193-224.	3.3	106
90	Kernels on linguistic structures for answer extraction. , 2008, , .		15

#	ARTICLE	IF	CITATIONS
91	BART. , 2008, , .		47
92	Coreference systems based on kernels methods. , 2008, , .		15
93	Fast and effective kernels for relational learning from texts. , 2007, , .		20
94	Structure and semantics for expressive text kernels. , 2007, , .		34
95	Spoken language understanding with kernels for syntactic/semantic structures. , 2007, , .		17
96	Efficient Kernel-based Learning for Trees. , 2007, , .		8
97	Combined Syntactic and Semantic Kernels for Text Classification. , 2007, , 307-318.		22
98	Shallow semantics in fast textual entailment rule learners. , 2007, , .		9
99	Experimenting a “General Purpose” Textual Entailment Learner in AVE. Lecture Notes in Computer Science, 2007, , 510-517.	1.3	2
100	Advanced Tree-Based Kernels for Protein Classification. Lecture Notes in Computer Science, 2007, , 218-229.	1.3	2
101	Semantic Kernels for Text Classification Based on Topological Measures of Feature Similarity. IEEE International Conference on Data Mining, 2006, , .	0.0	43
102	Fast On-line Kernel Learning for Trees. IEEE International Conference on Data Mining, 2006, , .	0.0	8
103	EXTENSIVE EVALUATION OF EFFICIENT NLP-DRIVEN TEXT CLASSIFICATION. Applied Artificial Intelligence, 2006, 20, 457-491.	3.2	3
104	Semantic role labeling via FrameNet, VerbNet and PropBank. , 2006, , .		49
105	Semantic role labeling via tree kernel joint inference. , 2006, , .		36
106	Syntactic kernels for natural language learning. , 2006, , .		13
107	Similarity between pairs of co-indexed trees for textual entailment recognition. , 2006, , .		1
108	Engineering of syntactic features for shallow semantic parsing. , 2005, , .		6

#	ARTICLE	IF	CITATIONS
109	Effective use of WordNet semantics via kernel-based learning. , 2005, , .		14
110	Hierarchical semantic role labeling. , 2005, , .		17
111	Complex Linguistic Features for Text Classification: A Comprehensive Study. Lecture Notes in Computer Science, 2004, , 181-196.	1.3	94
112	A study on convolution kernels for shallow semantic parsing. , 2004, , .		135
113	A Study on Optimal Parameter Tuning for Rocchio Text Classifier. Lecture Notes in Computer Science, 2003, , 420-435.	1.3	30
114	INTELLIGENT NLP-DRIVEN TEXT CLASSIFICATION. International Journal on Artificial Intelligence Tools, 2002, 11, 389-423.	1.0	4