Dan Roth

List of Publications by Year in Descending Order

73 papers	2,466 citations	20 h-index	49 g-index
80 ext. papers	2,934 ext. citations	3.2 avg, IF	5.29 L-index

#	Paper	IF	Citations
73	Declarative Learning-Based Programming as an Interface to AI Systems.. *Frontiers in Artificial Intelligence*, **2022**, 5, 755361	3	
72	A Statistical Analysis of Summarization Evaluation Metrics Using Resampling Methods. *Transactions of the Association for Computational Linguistics*, **2021**, 9, 1132-1146	5.6	2
71	Towards Question-Answering as an Automatic Metric for Evaluating the Content Quality of a Summary. *Transactions of the Association for Computational Linguistics*, **2021**, 9, 774-789	5.6	1
70	SacreROUGE: An Open-Source Library for Using and Developing Summarization Evaluation Metrics **2020**,		3
69	Discourse in Multimedia: A Case Study in Extracting Geometry Knowledge from Textbooks. *Computational Linguistics*, **2020**, 45, 627-665	2.8	3
68	Grammar Error Correction in Morphologically Rich Languages: The Case of Russian. *Transactions of the Association for Computational Linguistics*, **2019**, 7, 1-17	5.6	11
67	Illinois CCG LoReHLT 2016 named entity recognition and situation frame systems. *Machine Translation*, **2018**, 32, 91-103	1.1	
66	Adapting to Learner Errors with Minimal Supervision. *Computational Linguistics*, **2017**, 43, 723-760	2.8	2
65	Cheap Translation for Cross-Lingual Named Entity Recognition **2017**,		15
64	Introduction to the Special Issue on Natural Language and Learning Machines. *Ijcol*, **2017**, 3, 7-10	0.1	
63	litewi: A combined term extraction and entity linking method for eliciting educational ontologies from textbooks. *Journal of the Association for Information Science and Technology*, **2016**, 67, 380-399	2.7	16
62	Concept Grounding to Multiple Knowledge Bases via Indirect Supervision. *Transactions of the Association for Computational Linguistics*, **2016**, 4, 141-154	5.6	4
61	Cross-Lingual Named Entity Recognition via Wikification **2016**,		12
60	Cross-lingual Wikification Using Multilingual Embeddings **2016**,		19
59	Grammatical Error Correction: Machine Translation and Classifiers **2016**,		10
58	Integer Linear Programming for Coreference Resolution. *Theory and Applications of Natural Language Processing*, **2016**, 315-343	0.3	1
57	Will I Get in? Modeling the Graduate Admission Process for American Universities **2016**,		4

56	World Knowledge as Indirect Supervision for Document Clustering. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 11, 1-36	4	2
55	Incorporating World Knowledge to Document Clustering via Heterogeneous Information Networks. *KDD: Proceedings*, **2015**, 2015, 1215-1224	6.8	25
54	Overcoming bias to learn about controversial topics. *Journal of the Association for Information Science and Technology*, **2015**, 66, 1655-1672	2.7	13
53	Debiasing Crowdsourced Batches. *KDD: Proceedings*, **2015**, 2015, 1593-1602	6.8	5
52	Building a State-of-the-Art Grammatical Error Correction System. *Transactions of the Association for Computational Linguistics*, **2014**, 2, 419-434	5.6	7
51	Learning from natural instructions. *Machine Learning*, **2014**, 94, 205-232	4	8
50	The Illinois-Columbia System in the CoNLL-2014 Shared Task **2014**,		11
49	Extraction of events and temporal expressions from clinical narratives. *Journal of Biomedical Informatics*, **2013**, 46 Suppl, S13-S19	10.2	16
48	Using domain knowledge and domain-inspired discourse model for coreference resolution for clinical narratives. *Journal of the American Medical Informatics Association: JAMIA*, **2013**, 20, 356-62	8.6	6
47	Latent credibility analysis **2013**,		64
46	Starting from Scratch in Semantic Role Labeling: Early Indirect Supervision. *Theory and Applications of Natural Language Processing*, **2013**, 257-296	0.3	4
45	Structured learning with constrained conditional models. *Machine Learning*, **2012**, 88, 399-431	4	36
44	Exploiting the Wikipedia structure in local and global classification of taxonomic relations*. *Natural Language Engineering*, **2012**, 18, 235-262	1.1	1
43	Portfolios in Stochastic Local Search: Efficiently Computing Most Probable Explanations in Bayesian Networks. *Journal of Automated Reasoning*, **2011**, 46, 103-160	1	5
42	Learning from Negative Examples in Set-Expansion **2011**,		8
41	Initialization and Restart in Stochastic Local Search: Computing a Most Probable Explanation in Bayesian Networks. *IEEE Transactions on Knowledge and Data Engineering*, **2011**, 23, 235-247	4.2	16
40	Recognizing textual entailment: Rational, evaluation and approaches Erratum. *Natural Language Engineering*, **2010**, 16, 105-105	1.1	34
39	Margin-based active learning for structured predictions. *International Journal of Machine Learning and Cybernetics*, **2010**, 1, 3-25	3.8	24

38	Recognizing textual entailment: Rational, evaluation and approaches. *Natural Language Engineering* , **2009**, 15, i-xvii	1.1	46
37	Learning better transliterations **2009**,		3
36	Learning multi-linear representations of distributions for efficient inference. *Machine Learning*, **2009**, 76, 195-209	4	3
35	Aspect Guided Text Categorization with Unobserved Labels **2009**,		2
34	Design challenges and misconceptions in named entity recognition **2009**,		347
33	Learning Multi-linear Representations of Distributions for Efficient Inference. *Lecture Notes in Computer Science*, **2009**, 11-11	0.9	1
32	The Importance of Syntactic Parsing and Inference in Semantic Role Labeling. *Computational Linguistics*, **2008**, 34, 257-287	2.8	98
31	Identifying Semitic Roots: Machine Learning with Linguistic Constraints. *Computational Linguistics*, **2008**, 34, 429-448	2.8	7
30	Understanding the value of features for coreference resolution **2008**,		50
29	Modeling Discriminative Global Inference **2007**,		5
28	Context Sensitive Paraphrasing with a Global Unsupervised Classifier. *Lecture Notes in Computer Science*, **2007**, 104-115	0.9	2
27	Learning question classifiers: the role of semantic information. *Natural Language Engineering*, **2006**, 12, 229-249	1.1	99
26	Controlled generation of hard and easy Bayesian networks: Impact on maximal clique size in tree clustering. *Artificial Intelligence*, **2006**, 170, 1137-1174	3.6	12
25	Margin-Based Active Learning for Structured Output Spaces. *Lecture Notes in Computer Science*, **2006**, 413-424	0.9	19
24	Learning Based Programming **2006**, 73-95		1
23	Learning Based Programming **2006**, 73-95		1
22	Guest Editors Introduction: Machine Learning in Speech and Language Technologies. *Machine Learning*, **2005**, 60, 5-9	4	2
21	Integer linear programming inference for conditional random fields **2005**,		40

20	Semantic role labeling via integer linear programming inference **2004**,		34
19	Learning to detect objects in images via a sparse, part-based representation. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2004**, 26, 1475-90	13.3	525
18	Learning with Feature Description Logics. *Lecture Notes in Computer Science*, **2003**, 32-47	0.9	8
17	Learning cost-sensitive active classifiers. *Artificial Intelligence*, **2002**, 139, 137-174	3.6	90
16	Learning to recognize three-dimensional objects. *Neural Computation*, **2002**, 14, 1071-103	2.9	44
15	Learning a Sparse Representation for Object Detection. *Lecture Notes in Computer Science*, **2002**, 113-127	0.9	134
14	Linear Concepts and Hidden Variables. *Machine Learning*, **2001**, 42, 123-141	4	4
13	Learning Coherent Concepts. *Lecture Notes in Computer Science*, **2001**, 135-150	0.9	0
12	Learning to Recognize 3D Objects with SNoW. *Lecture Notes in Computer Science*, **2000**, 439-454	0.9	15
11	A Winnow-Based Approach to Context-Sensitive Spelling Correction. *Machine Learning*, **1999**, 34, 107-130	4	98
10	Learning to Reason with a Restricted View. *Machine Learning*, **1999**, 35, 95-116	4	9
9	Reasoning with examples: propositional formulae and database dependencies. *Acta Informatica*, **1999**, 36, 267-286	0.9	16
8	Coherent Concepts, Robust Learning. *Lecture Notes in Computer Science*, **1999**, 264-276	0.9	
7	On Learning Read-k-Satisfy-j DNF. *SIAM Journal on Computing*, **1998**, 27, 1515-1530	1.1	9
6	Learning to reason. *Journal of the ACM*, **1997**, 44, 697-725	2	21
5	Defaults and relevance in model-based reasoning. *Artificial Intelligence*, **1997**, 97, 169-193	3.6	13
4	On learning visual concepts and DNF formulae. *Machine Learning*, **1996**, 24, 65-85	4	4
3	On the hardness of approximate reasoning. *Artificial Intelligence*, **1996**, 82, 273-302	3.6	247

2	Reasoning with models. *Artificial Intelligence*, **1996**, 87, 187-213	3.6	60
1	On learning Read-k-Satisfy-j DNF **1994**,		6