Pedro Domingos

List of Publications by Year
in descending order

38 papers	12,734 citations	394421 19 h-index	580821 25 g-index
39 all docs	39 docs citations	39 times ranked	9513 citing authors

#	Article	IF	Citations
1	On the Optimality of the Simple Bayesian Classifier under Zero-One Loss. Machine Learning, 1997, 29, 103-130.	5.4	2,329
2	A few useful things to know about machine learning. Communications of the ACM, 2012, 55, 78-87.	4.5	1,877
3	Mining the network value of customers. , 2001, , .		1,814
4	Markov logic networks. Machine Learning, 2006, 62, 107-136.	5.4	1,700
5	Mining high-speed data streams. , 2000, , .		1,394
6	Markov Logic: An Interface Layer for Artificial Intelligence. Synthesis Lectures on Artificial Intelligence and Machine Learning, 2009, 3, 1-155.	0.8	393
7	Reconciling schemas of disparate data sources. , 2001, , .		388
8	Learning to match ontologies on the Semantic Web. VLDB Journal, 2003, 12, 303-319.	4.1	334
9	The Role of Occam's Razor in Knowledge Discovery. Data Mining and Knowledge Discovery, 1999, 3, 409-425.	3.7	282
10	Entity Resolution with Markov Logic. IEEE International Conference on Data Mining, 2006, , .	0.0	210
11	Sum-product networks: A new deep architecture. , 2011, , .		173
12	Learning to Match the Schemas of Data Sources: A Multistrategy Approach. Machine Learning, 2003, 50, 279-301.	5.4	162
13	Unifying instance-based and rule-based induction. Machine Learning, 1996, 24, 141-168.	5.4	150
14	Learning the structure of Markov logic networks. , 2005, , .		147
15	Deep transfer via second-order Markov logic. , 2009, , .		145
16	Reconciling schemas of disparate data sources. SIGMOD Record, 2001, 30, 509-520.	1.2	127
17	A General Framework for Mining Massive Data Streams. Journal of Computational and Graphical Statistics, 2003, 12, 945-949.	1.7	118
18	Programming by Demonstration Using Version Space Algebra. Machine Learning, 2003, 53, 111-156.	5.4	115

#	Article	IF	Citations
19	Statistical predicate invention. , 2007, , .		115
20	Joint unsupervised coreference resolution with Markov logic. , 2008, , .		95
21	Structured machine learning: the next ten years. Machine Learning, 2008, 73, 3-23.	5.4	90
22	Efficient Weight Learning for Markov Logic Networks. Lecture Notes in Computer Science, 2007, , 200-211.	1.3	85
23	Relational Markov models and their application to adaptive web navigation. , 2002, , .		80
24	Unifying Instance-Based and Rule-Based Induction. Machine Learning, 1996, 24, 141-168.	5.4	57
25	Prospects and challenges for multi-relational data mining. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2003, 5, 80-83.	4.0	56
26	Learning Markov logic network structure via hypergraph lifting. , 2009, , .		53
27	Toward knowledge-rich data mining. Data Mining and Knowledge Discovery, 2007, 15, 21-28.	3.7	41
28	Extracting Semantic Networks from Text Via Relational Clustering. Lecture Notes in Computer Science, 2008, , 624-639.	1.3	41
29	Building large knowledge bases by mass collaboration. , 2003, , .		40
30	Markov Logic. Lecture Notes in Computer Science, 2008, , 92-117.	1.3	34
31	Context-Sensitive Feature Selection for Lazy Learners. , 1997, , 227-253.		32
32	Unifying logical and statistical AI with Markov logic. Communications of the ACM, 2019, 62, 74-83.	4.5	16
33	Just Add Weights: Markov Logic for the Semantic Web. Lecture Notes in Computer Science, 2008, , 1-25.	1.3	14
34	Unifying Logical and Statistical AI. , 2016, , .		12
35	Chapter 1. Neural-Symbolic Learning and Reasoning: A Survey and Interpretation1. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	8
36	Markov Logic: A Language and Algorithms for Link Mining. , 2010, , 135-161.		4

#	Article	IF	Citations
37	Guest editorial to the special issue on inductive logic programming, mining and learning in graphs andÂstatistical relational learning. Machine Learning, 2011, 83, 133-135.	5.4	1
38	Pedro Domingos on <i>The Master Algorithm</i>: A Conversation with Vasant Dhar. Big Data, 2016, 4, 10-13.	3.4	1