

# Pedro Domingos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11694310/publications.pdf>

Version: 2024-02-01

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  | Chapter 1. Neural-Symbolic Learning and Reasoning: A Survey and Interpretation1. <i>Frontiers in Artificial Intelligence and Applications</i> , 2021, , .                            | 0.3 | 8         |
| 2  | Unifying logical and statistical AI with Markov logic. <i>Communications of the ACM</i> , 2019, 62, 74-83.   | 4.5 | 16        |
| 3  | Unifying Logical and Statistical AI. , 2016, , .   |     | 12        |
| 4  | Pedro Domingos on <i>The Master Algorithm</i>: A Conversation with Vasant Dhar. <i>Big Data</i> , 2016, 4, 10-13.  | 3.4 | 1         |
| 5  | A few useful things to know about machine learning. <i>Communications of the ACM</i> , 2012, 55, 78-87.  | 4.5 | 1,877     |
| 6  | Sum-product networks: A new deep architecture. , 2011, , .   |     | 173       |
| 7  | Guest editorial to the special issue on inductive logic programming, mining and learning in graphs and statistical relational learning. <i>Machine Learning</i> , 2011, 83, 133-135. | 5.4 | 1         |
| 8  | Markov Logic: A Language and Algorithms for Link Mining. , 2010, , 135-161.  |     | 4         |
| 9  | Learning Markov logic network structure via hypergraph lifting. , 2009, , .  |     | 53        |
| 10 | Deep transfer via second-order Markov logic. , 2009, , .   |     | 145       |
| 11 | Markov Logic: An Interface Layer for Artificial Intelligence. <i>Synthesis Lectures on Artificial Intelligence and Machine Learning</i> , 2009, 3, 1-155.                            | 0.8 | 393       |
| 12 | Structured machine learning: the next ten years. <i>Machine Learning</i> , 2008, 73, 3-23.   | 5.4 | 90        |
| 13 | Markov Logic. <i>Lecture Notes in Computer Science</i> , 2008, , 92-117.   | 1.3 | 34        |
| 14 | Extracting Semantic Networks from Text Via Relational Clustering. <i>Lecture Notes in Computer Science</i> , 2008, , 624-639.  | 1.3 | 41        |
| 15 | Just Add Weights: Markov Logic for the Semantic Web. <i>Lecture Notes in Computer Science</i> , 2008, , 1-25.  | 1.3 | 14        |
| 16 | Joint unsupervised coreference resolution with Markov logic. , 2008, , .   |     | 95        |
| 17 | Statistical predicate invention. , 2007, , .   |     | 115       |
| 18 | Toward knowledge-rich data mining. <i>Data Mining and Knowledge Discovery</i> , 2007, 15, 21-28.   | 3.7 | 41        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Efficient Weight Learning for Markov Logic Networks. Lecture Notes in Computer Science, 2007, , 200-211.   | 1.3 | 85        |
| 20 | Entity Resolution with Markov Logic. IEEE International Conference on Data Mining, 2006, , .   | 0.0 | 210       |
| 21 | Markov logic networks. Machine Learning, 2006, 62, 107-136.  | 5.4 | 1,700     |
| 22 | Learning the structure of Markov logic networks. , 2005, , .   |     | 147       |
| 23 | Programming by Demonstration Using Version Space Algebra. Machine Learning, 2003, 53, 111-156.   | 5.4 | 115       |
| 24 | Learning to Match the Schemas of Data Sources: A Multistrategy Approach. Machine Learning, 2003, 50, 279-301.  | 5.4 | 162       |
| 25 | Learning to match ontologies on the Semantic Web. VLDB Journal, 2003, 12, 303-319.   | 4.1 | 334       |
| 26 | A General Framework for Mining Massive Data Streams. Journal of Computational and Graphical Statistics, 2003, 12, 945-949.   | 1.7 | 118       |
| 27 | Building large knowledge bases by mass collaboration. , 2003, , .  |     | 40        |
| 28 | 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        |
| 29 | Relational Markov models and their application to adaptive web navigation. , 2002, , .   |     | 80        |
| 30 | Mining the network value of customers. , 2001, , .   |     | 1,814     |
| 31 | Reconciling schemas of disparate data sources. SIGMOD Record, 2001, 30, 509-520.   | 1.2 | 127       |
| 32 | Reconciling schemas of disparate data sources. , 2001, , .   |     | 388       |
| 33 | Mining high-speed data streams. , 2000, , .  |     | 1,394     |
| 34 | The Role of Occam's Razor in Knowledge Discovery. Data Mining and Knowledge Discovery, 1999, 3, 409-425.   | 3.7 | 282       |
| 35 | Context-Sensitive Feature Selection for Lazy Learners. , 1997, , 227-253.  |     | 32        |
| 36 | On the Optimality of the Simple Bayesian Classifier under Zero-One Loss. Machine Learning, 1997, 29, 103-130.  | 5.4 | 2,329     |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Unifying Instance-Based and Rule-Based Induction. Machine Learning, 1996, 24, 141-168. | 5.4 | 57        |
| 38 | Unifying instance-based and rule-based induction. Machine Learning, 1996, 24, 141-168. | 5.4 | 150       |