Ondrej Kuzelka

List of Publications by Year
in descending order

32	134	5	9
papers	citations	h-index	g-index

1684188 (h-index box)
1474206 (g-index box)

34	34	34	115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lifted Relational Neural Networks: Efficient Learning of Latent Relational Structures. Journal of Artificial Intelligence Research, 0, 62, 69-100.	7.0	39
2	Block-wise construction of tree-like relational features with monotone reducibility and redundancy. Machine Learning, 2011, 83, 163-192.	5.4	25
3	Prediction of DNA-binding propensity of proteins by the ball-histogram method using automatic template search. BMC Bioinformatics, 2012, 13, S3.	2.6	14
4	Block-wise construction of acyclic relational features with monotone irreducibility and relevancy properties. , 2009, , .		6
5	Prediction of DNA-binding proteins from relational features. Proteome Science, 2012, 10, 66.	1.7	6
6	Beyond graph neural networks with lifted relational neural networks. Machine Learning, 2021, 110, 1695-1738.	5.4	6
7	Gaussian Logic for Predictive Classification. Lecture Notes in Computer Science, 2011, , 277-292.	1.3	5
8	Learning Predictive Categories Using Lifted Relational Neural Networks. Lecture Notes in Computer Science, 2017, , 108-119.	1.3	4
9	Fast estimation of first-order clause coverage through randomization and maximum likelihood. , 2008, , .		3
10	Prediction of antimicrobial activity of peptides using relational machine learning. , 2012, , .		3
11	Stacked Structure Learning for Lifted Relational Neural Networks. Lecture Notes in Computer Science, 2018, , 140-151.	1.3	3
12	Induction of Interpretable Possibilistic Logic Theories from Relational Data. , 2017, , .		3
13	Modelling Salient Features as Directions in Fine-Tuned Semantic Spaces. , 2018, , .		3
14	A method for reduction of examples in relational learning. Journal of Intelligent Information Systems, 2014, 42, 255-281.	3.9	2
15	Learning to Detect Network Intrusion from a Few Labeled Events and Background Traffic. Lecture Notes in Computer Science, 2015, , 73-86.	1.3	2
16	Constructing Markov Logic Networks from First-Order Default Rules. Lecture Notes in Computer Science, 2016, , 91-105.	1.3	2
17	Seeing the World through Homomorphism: An Experimental Study on Reducibility of Examples. Lecture Notes in Computer Science, 2011, , 138-145.	1.3	2
18	Relational Learning with Polynomials. , 2012, , .		1

#	Article	IF	Citations
19	Novel gene sets improve set-level classification of prokaryotic gene expression data. BMC Bioinformatics, 2015, 16, 348.	2.6	1
20	Reducing Examples in Relational Learning with Bounded-Treewidth Hypotheses. Lecture Notes in Computer Science, 2013, , 17-32.	1.3	1
21	Approximate Weighted First-Order Model Counting: Exploiting Fast Approximate Model Counters and Symmetry. , 2020, , .		1
22	Gaussian logic and its applications in bioinformatics. , 2011, , .		0
23	Extending the ball-histogram method with continuous distributions and an application to prediction of DNA-binding proteins. , 2012, , .		0
24	Formulating the template ILP consistency problem as a constraint satisfaction problem. Constraints, 2013, 18, 144-165.	0.7	0
25	Polynomial and Extensible Solutions in Lock-Chart Solving. Applied Artificial Intelligence, 2017, , 1-19.	3.2	0
26	Learning Distributional Programs for Relational Autocompletion. Theory and Practice of Logic Programming, 0, , 1-34.	1.5	0
27	Taming the Complexity of Inductive Logic Programming. Lecture Notes in Computer Science, 2010, , 132-140.	1.3	0
28	Prediction of DNA-Binding Propensity of Proteins by the Ball-Histogram Method. Lecture Notes in Computer Science, 2011, , 358-367.	1.3	0
29	Mine â€™Em All: A Note on Mining All Graphs. Lecture Notes in Computer Science, 2016, , 106-121.	1.3	0
30	VC-Dimension Based Generalization Bounds for Relational Learning. Lecture Notes in Computer Science, 2019, , 259-275.	1.3	0
31	Hoeffdingâ€"Serfling Inequality for U-Statistics Without Replacement. Journal of Theoretical Probability, 0, , 1.	0.8	0
32	Hoeffding and Bernstein inequalities for U-statistics without replacement. Statistics and Probability Letters, 2022, , 109528.	0.7	0