Alireza Tamaddoni-Nezhad

List of Publications by Year
in descending order

26 papers	1,022 citations	516710 16 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	1373 citing authors

#	Article	IF	Citations
1	Human-Like Rule Learning from Images Using One-Shot Hypothesis Derivation. Lecture Notes in Computer Science, 2022, , 234-250.	1.3	4
2	Key Questions for Next-Generation Biomonitoring. Frontiers in Environmental Science, 2020, 7, .	3.3	68
3	Ecological networks reveal resilience of agro-ecosystems to changes in farming management. Nature Ecology and Evolution, 2019, 3, 260-264.	7.8	24
4	Ultra-Strong Machine Learning: comprehensibility of programs learned with ILP. Machine Learning, 2018, 107, 1119-1140.	5.4	67
5	Meta-Interpretive Learning from noisy images. Machine Learning, 2018, 107, 1097-1118.	5.4	17
6	Logical Vision: One-Shot Meta-Interpretive Learning from Real Images. Lecture Notes in Computer Science, 2018, , 46-62.	1.3	6
7	Next-Generation Global Biomonitoring: Large-scale, Automated Reconstruction of Ecological Networks. Trends in Ecology and Evolution, 2017, 32, 477-487.	8.7	174
8	How Does Predicate Invention Affect Human Comprehensibility?. Lecture Notes in Computer Science, 2017, , 52-67.	1.3	10
9	The Visualisation of Ecological Networks, and Their Use as a Tool for Engagement, Advocacy and Management. Advances in Ecological Research, 2016, , 41-85.	2.7	45
10	Learning Ecological Networks from Next-Generation Sequencing Data. Advances in Ecological Research, 2016, , 1-39.	2.7	68
11	Meta-Interpretive Learning of Data Transformation Programs. Lecture Notes in Computer Science, 2016, , 46-59.	1.3	14
12	Towards Machine Learning of Predictive Models from Ecological Data. Lecture Notes in Computer Science, 2015, , 154-167.	1.3	7
13	Meta-interpretive learning of higher-order dyadic datalog: predicate invention revisited. Machine Learning, 2015, 100, 49-73.	5.4	94
14	Meta-interpretive learning: application to grammatical inference. Machine Learning, 2014, 94, 25-49.	5.4	77
15	Networking Agroecology. Advances in Ecological Research, 2013, , 1-67.	2.7	50
16	Gene Function Hypotheses for the Campylobacter jejuni Glycome Generated by a Logic-Based Approach. Journal of Molecular Biology, 2013, 425, 186-197.	4.2	20
17	Construction and Validation of Food Webs Using Logic-Based Machine Learning and Text Mining. Advances in Ecological Research, 2013, 49, 225-289.	2.7	40
18	Machine Learning and Text Mining of Trophic Links. , 2012, , .		1

#	Article	IF	Citations
19	Automated Discovery of Food Webs from Ecological Data Using Logic-Based Machine Learning. PLoS ONE, 2011, 6, e29028.	2.5	56
20	Stochastic Refinement. Lecture Notes in Computer Science, 2011, , 222-237.	1.3	3
21	The lattice structure and refinement operators forÂtheÂhypothesis space bounded by a bottom clause. Machine Learning, 2009, 76, 37-72.	5.4	15
22	QG/GA: a stochastic search for Progol. Machine Learning, 2008, 70, 121-133.	5.4	16
23	A Note on Refinement Operators for IE-Based ILP Systems. Lecture Notes in Computer Science, 2008, , 297-314.	1.3	1
24	Modeling the effects of toxins in metabolic networks. IEEE Engineering in Medicine and Biology Magazine, 2007, 26, 37-46.	0.8	10
25	Application of abductive ILP to learning metabolic network inhibition from temporal data. Machine Learning, 2006, 64, 209-230.	5.4	71
26	Modelling Inhibition in Metabolic Pathways Through Abduction and Induction. Lecture Notes in Computer Science, 2004, , 305-322.	1.3	16