Nicholas Mattei

List of Publications by Year
in descending order

Version: 2024-02-01

36 papers	697 citations	759233 12 h-index	610901 24 g-index
38 all docs	38 docs citations	38 times ranked	427 citing authors

#	Article	IF	Citations
1	Behavioral Stable Marriage Problems. Lecture Notes in Computer Science, 2022, , 150-170.	1.3	0
2	Stable matching with uncertain pairwise preferences. Theoretical Computer Science, 2022, 909, 1-11.	0.9	7
3	Stable Matching with Uncertain Linear Preferences. Algorithmica, 2020, 82, 1410-1433.	1.3	20
4	CPMetric: Deep Siamese Networks for Metric Learning on Structured Preferences. Lecture Notes in Computer Science, 2020, , 217-234.	1.3	4
5	Building Ethically Bounded AI. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9785-9789.	4.9	37
6	Using multi-armed bandits to learn ethical priorities for online AI systems. IBM Journal of Research and Development, 2019, 63, 1:1-1:13.	3.1	9
7	Incorporating Behavioral Constraints in Online AI Systems. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 3-11.	4.9	25
8	Improving Natural Language Inference Using External Knowledge in the Science Questions Domain. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 7208-7215.	4.9	51
9	Strategyproof peer selection using randomization, partitioning, and apportionment. Artificial Intelligence, 2019, 275, 295-309.	5.8	17
10	Teaching AI agents ethical values using reinforcement learning and policy orchestration. IBM Journal of Research and Development, 2019, 63, 2:1-2:9.	3.1	20
11	Preferences and Ethical Principles in Decision Making. , 2018, , .		15
12	Reports of the Workshops of the 32nd AAAI Conference on Artificial Intelligence. AI Magazine, 2018, 39, 45-56.	1.6	1
13	Fixing balanced knockout and double elimination tournaments. Artificial Intelligence, 2018, 262, 1-14.	5.8	10
14	How to teach computer ethics through science fiction. Communications of the ACM, 2018, 61, 54-64.	4.5	114
15	Using Contextual Bandits with Behavioral Constraints for Constrained Online Movie Recommendation. , 2018, , .		18
16	A Systematic Classification of Knowledge, Reasoning, and Context within the ARC Dataset. , 2018, , .		9
17	Fairness in Deceased Organ Matching. , 2018, , .		3
18	Ethical Considerations in Artificial Intelligence Courses. AI Magazine, 2017, 38, 22-34.	1.6	85

#	Article	IF	Citations
19	Analysis of fixed and biased asset allocation rebalancing strategies. Managerial Finance, 2016, 42, 42-50.	1.2	5
20	Stable Matching with Uncertain LinearÂPreferences. Lecture Notes in Computer Science, 2016, , 195-206.	1.3	11
21	On the complexity of bribery and manipulation in tournaments with uncertain information. Journal of Applied Logic, 2015, 13, 557-581.	1.1	12
22	Beyond Theory and Data in Preference Modeling: Bringing Humans into the Loop. Lecture Notes in Computer Science, 2015, , 3-18.	1.3	6
23	Fiction as an Introduction to Computer Science Research. ACM Transactions on Computing Education, 2014, 14, 1-14.	3.5	10
24	Lessons learned from development of a software tool to support academic advising. , 2014, , .		2
25	The complexity of probabilistic lobbying. Discrete Optimization, 2014, 11, 1-21.	0.9	14
26	A behavioral perspective on social choice. Annals of Mathematics and Artificial Intelligence, 2013, 68, 5-30.	1.3	13
27	Bribery in voting with CP-nets. Annals of Mathematics and Artificial Intelligence, 2013, 68, 135-160.	1.3	21
28	An English-Language Argumentation Interface for Explanation Generation with Markov Decision Processes in the Domain of Academic Advising. ACM Transactions on Interactive Intelligent Systems, 2013, 3, 1-30.	3.7	7
29	Updates and Uncertainty in CP-Nets. Lecture Notes in Computer Science, 2013, , 301-312.	1.3	15
30	PrefLib: A Library for Preferences http://www.preflib.org. Lecture Notes in Computer Science, 2013, , 259-270.	1.3	67
31	Empirical Evaluation of Voting Rules with Strictly Ordered Preference Data. Lecture Notes in Computer Science, 2011, , 165-177.	1.3	12
32	A Natural Language Argumentation Interface for Explanation Generation in Markov Decision Processes. Lecture Notes in Computer Science, 2011, , 42-55.	1.3	17
33	The Complexity of Probabilistic Lobbying. Lecture Notes in Computer Science, 2009, , 86-97.	1.3	11
34	Plasma thrusters development in France. Acta Astronautica, 2002, 51, 39-46.	3.2	1
35	A Study of Proxies for Shapley Allocations of Transport Costs. Journal of Artificial Intelligence Research, 0, 56, 573-611.	7.0	11
36	Uniform Random Generation and Dominance Testing for CP-Nets. Journal of Artificial Intelligence Research, 0, 59, 771-813.	7.0	5