Judy Goldsmith

List of Publications by Year
in descending order

40 papers	862 citations	840776 11 h-index	501196 28 g-index
41 all docs	41 docs citations	41 times ranked	499 citing authors

#	Article	IF	Citations
1	Nondeterminism within P^*. SIAM Journal on Computing, 1993, 22, 560-572.	1.0	222
2	Complexity of finite-horizon Markov decision process problems. Journal of the ACM, 2000, 47, 681-720.	2.2	135
3	How to teach computer ethics through science fiction. Communications of the ACM, 2018, 61, 54-64.	4.5	114
4	Ethical Considerations in Artificial Intelligence Courses. AI Magazine, 2017, 38, 22-34.	1.6	85
5	Limited nondeterminism. ACM SIGACT News, 1996, 27, 20-29.	0.1	40
6	Science fiction in computer science education. , 2012, , .		22
7	Three results on the polynomial isomorphism of complete sets. , 1986, , .		21
8	Near-Testable Sets. SIAM Journal on Computing, 1991, 20, 506-523.	1.0	19
9	A Natural Language Argumentation Interface for Explanation Generation in Markov Decision Processes. Lecture Notes in Computer Science, 2011, , 42-55.	1.3	17
10	Theory revision with queries: Horn, read-once, andÂparity formulas. Artificial Intelligence, 2004, 156, 139-176.	5.8	16
11	Databases for interval probabilities. International Journal of Intelligent Systems, 2004, 19, 789-815.	5.7	15
12	The complexity of probabilistic lobbying. Discrete Optimization, 2014, 11, 1-21.	0.9	14
13	Complexity of DNF minimization and isomorphism testing for monotone formulas. Information and Computation, 2008, 206, 760-775.	0.7	12
14	On the complexity of bribery and manipulation in tournaments with uncertain information. Journal of Applied Logic, 2015, 13, 557-581.	1.1	12
15	Polynomial-time compression. Computational Complexity, 1992, 2, 18-39.	0.3	11
16	The Complexity of Probabilistic Lobbying. Lecture Notes in Computer Science, 2009, , 86-97.	1.3	11
17	A Framework for Management of Semistructured Probabilistic Data. Journal of Intelligent Information Systems, 2005, 25, 293-332.	3.9	10
18	Scalability and the isomorphism problem. Information Processing Letters, 1996, 57, 137-143.	0.6	9

#	ARTICLE	IF	CITATIONS
19	Relativized isomorphisms of NP-complete sets. Computational Complexity, 1993, 3, 186-205.	0.3	8
20	How hard are n 2 -hard problems?. ACM SIGACT News, 1994, 25, 83-85.	0.1	7
21	Theory Revision with Queries: DNF Formulas. Machine Learning, 2002, 47, 257-295.	5.4	7
22	Tally NP Sets and Easy Census Functions. Information and Computation, 2000, 158, 29-52.	0.7	6
23	A note on bi-immunity and p-closeness of p-cheatable sets in P/poly. Journal of Computer and System Sciences, 1993, 46, 349-362.	1.2	5
24	Using Self-Reducibilities to Characterize Polynomial Time. Information and Computation, 1993, 104, 288-308.	0.7	5
25	Query Algebra Operations for Interval Probabilities. Lecture Notes in Computer Science, 2003, , 527-536.	1.3	5
26	Planning for success: The interdisciplinary approach to building Bayesian models. International Journal of Approximate Reasoning, 2009, 50, 416-428.	3.3	4
27	Ranking policies in discrete Markov decision processes. Annals of Mathematics and Artificial Intelligence, 2010, 59, 107-123.	1.3	4
28	Teaching graphics for games using Microsoft XNA. , 2013, , .		4
29	New Revision Algorithms. Lecture Notes in Computer Science, 2004, , 395-409.	1.3	4
30	Uncertain Data: Representations, Query Processing, and Applications. Studies in Fuzziness and Soft Computing, 2013, , 67-108.	0.8	4
31	Tally NP sets and easy census functions. Lecture Notes in Computer Science, 1998, , 483-492.	1.3	2
32	Lessons learned from development of a software tool to support academic advising. , 2014, , .		2
33	SIGCSE Reads 2019. , 2019, , .		2
34	SIGCSE Reads 2021: Using the Stories in your Classroom. , 2021, , .		2
35	WHEN PLANS DISTINGUISH BAYES NETS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 1-24.	1.9	1
36	Decision-theoretic harmony: A first step. International Journal of Approximate Reasoning, 2010, 51, 263-274.	3.3	1

#	Article	IF	Citations
37	Algorithms, approximation, and empirical studies in behavioral and computational social choiceâ€"Preface. Annals of Mathematics and Artificial Intelligence, 2013, 68, 3-4.	1.3	1
38	Finding Best k Policies. Lecture Notes in Computer Science, 2009, , 144-155.	1.3	1
39	SIGCSE Reads 2020. , 2020, , .		0
40	SIGCSE Reads 2022: Using Challenging Stories in your Classroom. , 2022, , .		0