Carroll Morgan

List of Publications by Year
in descending order

43 papers	1,443 citations	430874 18 h-index	361022 35 g-index
45 all docs	45 docs citations	45 times ranked	376 citing authors

#	Article	IF	Citations
1	Algorithmics. IFIP Advances in Information and Communication Technology, 2021, , 59-98.	0.7	0
2	The Laplace Mechanism has optimal utility for differential privacy over continuous queries. , 2021, , .		9
3	An axiomatization of information flow measures. Theoretical Computer Science, 2019, 777, 32-54.	0.9	17
4	A new proof rule for almost-sure termination. , 2018, 2, 1-28.		46
5	Reasoning About Distributed Secrets. Lecture Notes in Computer Science, 2017, , 156-170.	1.3	2
6	Axioms for Information Leakage. , 2016, , .		26
7	Hidden-Markov program algebra with iteration. Mathematical Structures in Computer Science, 2015, 25, 320-360.	0.6	13
8	Real-reward testing for probabilistic processes. Theoretical Computer Science, 2014, 538, 16-36.	0.9	6
9	An old new notation for elementary probability theory. Science of Computer Programming, 2014, 85, 115-136.	1.9	1
10	Compositional noninterference from first principles. Formal Aspects of Computing, 2012, 24, 3-26.	1.8	11
11	Elementary Probability Theory in the Eindhoven Style. Lecture Notes in Computer Science, 2012, , 48-73.	1.3	2
12	Compositional Closure for Bayes Risk in Probabilistic Noninterference. Lecture Notes in Computer Science, 2010, , 223-235.	1.3	36
13	The Shadow Knows: Refinement and security in sequential programs. Science of Computer Programming, 2009, 74, 629-653.	1.9	40
14	How to Brew-up a Refinement Ordering. Electronic Notes in Theoretical Computer Science, 2009, 259, 123-141.	0.9	5
15	Testing Finitary Probabilistic Processes. Lecture Notes in Computer Science, 2009, , 274-288.	1.3	44
16	Security, Probability and Nearly Fair Coins in the Cryptographers' Café. Lecture Notes in Computer Science, 2009, , 41-71.	1.3	4
17	Characterising Testing Preorders for Finite Probabilistic Processes. , 2007, , .		17
18	Remarks on Testing Probabilistic Processes. Electronic Notes in Theoretical Computer Science, 2007, 172, 359-397.	0.9	30

#	ARTICLE	IF	CITATIONS
19	The Shadow Knows: Refinement of Ignorance in Sequential Programs. Lecture Notes in Computer Science, 2006, , 359-378.	1.3	32
20	The Challenge of Probabilistic Event Bâ€"Extended Abstractâ€". Lecture Notes in Computer Science, 2005, , 162-171.	1.3	12
21	Memoryless Strategies for Stochastic Games via Domain Theory. Electronic Notes in Theoretical Computer Science, 2005, 130, 23-37.	0.9	1
22	An elementary proof that Herman's Ring is. Information Processing Letters, 2005, 94, 79-84.	0.6	12
23	Of Probabilistic wp and CSPâ€"and Compositionality. Lecture Notes in Computer Science, 2005, , 220-241.	1.3	3
24	Abstraction and refinement in probabilistic systems. Performance Evaluation Review, 2005, 32, 41-47.	0.6	50
25	Partial correctness for probabilistic demonic programs. Theoretical Computer Science, 2001, 266, 513-541.	0.9	41
26	Almost-Certain Eventualities and Abstract Probabilities in Quantitative Temporal Logic. Electronic Notes in Theoretical Computer Science, 2001, 42, 12-40.	0.9	1
27	Unifying wp and wlp. Information Processing Letters, 1996, 59, 159-163.	0.6	11
28	Refinement-oriented probability for CSP. Formal Aspects of Computing, 1996, 8, 617-647.	1.8	69
29	Probabilistic predicate transformers. ACM Transactions on Programming Languages and Systems, 1996, 18, 325-353.	2.1	210
30	Action systems, unbounded nondeterminism, and infinite traces. Formal Aspects of Computing, 1995, 7, 37-53.	1.8	22
31	Exits in the refinement calculus. Formal Aspects of Computing, 1995, 7, 54-76.	1.8	10
32	A single complete rule for data refinement. Formal Aspects of Computing, 1993, 5, 367-382.	1.8	58
33	Data refinement of predicate transformers. Theoretical Computer Science, 1991, 87, 143-162.	0.9	78
34	Data refinement by calculation. Acta Informatica, 1990, 27, 481.	0.5	58
35	Types and invariants in the refinement calculus. Science of Computer Programming, 1990, 14, 281-304.	1.9	13
36	Refinement of state-based concurrent systems. Lecture Notes in Computer Science, 1990, , 340-351.	1.3	61

#	Article	IF	Citations
37	Of wp and CSP. , 1990, , 319-326.		53
38	Types and invariants in the refinement calculus. Lecture Notes in Computer Science, 1989, , 363-378.	1.3	13
39	Procedures, parameters, and abstraction: Separate concerns. Science of Computer Programming, 1988, 11, 17-27.	1.9	35
40	Auxiliary variables in data refinement. Information Processing Letters, 1988, 29, 293-296.	0.6	21
41	The specification statement. ACM Transactions on Programming Languages and Systems, 1988, 10, 403-419.	2.1	214
42	Specification statements and refinement. IBM Journal of Research and Development, 1987, 31, 546-555.	3.1	53
43	Real-Reward Testing for Probabilistic Processes (Extended Abstract). Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 57, 61-73.	0.8	2