Rafael M Frongillo

List of Publications by Year
in descending order

22 papers	240 citations	1478505 6 h-index	1199594 12 g-index
22 all docs	22 docs citations	22 times ranked	138 citing authors

#	Article	IF	Citations
1	Informed Truthfulness in Multi-Task Peer Prediction. , 2016, , .		65
2	Algorithms for Rigorous Entropy Bounds and Symbolic Dynamics. SIAM Journal on Applied Dynamical Systems, 2008, 7, 1477-1506.	1.6	33
3	Optimal state amalgamation is NP-hard. Ergodic Theory and Dynamical Systems, 2019, 39, 1857-1869.	0.6	22
4	On Learning Algorithms for Nash Equilibria. Lecture Notes in Computer Science, 2010, , 114-125.	1.3	18
5	Social Learning in a Changing World. Lecture Notes in Computer Science, 2011, , 146-157.	1.3	14
6	General Truthfulness Characterizations via Convex Analysis. Lecture Notes in Computer Science, 2014, , 354-370.	1.3	13
7	Parallel Boosting with Momentum. Lecture Notes in Computer Science, 2013, , 17-32.	1.3	12
8	Minimax option pricing meets black-scholes in the limit. , 2012, , .		8
9	Efficient Automation of Index Pairs in Computational Conley Index Theory. SIAM Journal on Applied Dynamical Systems, 2012, 11, 82-109.	1.6	7
10	On the indirect elicitability of the mode and modal interval. Annals of the Institute of Statistical Mathematics, 2020, 72, 1095-1108.	0.8	7
11	Elicitation complexity of statistical properties. Biometrika, 2021, 108, 857-879.	2.4	7
12	A Geometric Perspective on Minimal Peer Prediction. ACM Transactions on Economics and Computation, 2017, 5, 1-27.	1.1	6
13	Sofic Shifts via Conley Index Theory: Computing Lower Bounds on Recurrent Dynamics for Maps. SIAM Journal on Applied Dynamical Systems, 2019, 18, 1610-1642.	1.6	6
14	Optimal Auctions with Restricted Allocations. , 2016, , .		4
15	General truthfulness characterizations via convex analysis. Games and Economic Behavior, 2021, 130, 636-662.	0.8	4
16	Truncated metric dimension for finite graphs. Discrete Applied Mathematics, 2022, 320, 150-169.	0.9	4
17	A general volume-parameterized market making framework. , 2014, , .		3
18	Computational complexity of k-block conjugacy. Theoretical Computer Science, 2021, 856, 21-40.	0.9	2

#	Article	IF	Citations
19	Topological Entropy Bounds for Hyperbolic Plateaus of the Henon Map. SIAM Undergraduate Research Online, 0, 7, .	0.2	2
20	Convex foundations for generalized MaxEnt models. , 2014, , .		1
21	On risk measures, market making, and exponential families. , 2015, 13, 21-25.		1
22	Power Diagram Detection with Applications to Information Elicitation. Journal of Optimization Theory and Applications, 2019, 181, 184-196.	1.5	1