Yann Disser

List of Publications by Year
in descending order

21 papers	**154** citations	1307594 **7** h-index	1199594 **12** g-index
22 all docs	**22** docs citations	**22** times ranked	**109** citing authors

#	Article	IF	Citations
1	Fast collaborative graph exploration. Information and Computation, 2015, 243, 37-49.	0.7	52
2	A polygon is determined by its angles. Computational Geometry: Theory and Applications, 2011, 44, 418-426.	0.5	17
3	Tight Bounds for Undirected Graph Exploration with Pebbles and Multiple Agents. Journal of the ACM, 2019, 66, 1-41.	2.2	12
4	Mapping Simple Polygons: How Robots Benefit from Looking Back. Algorithmica, 2013, 65, 43-59.	1.3	10
5	Packing a Knapsack of Unknown Capacity. SIAM Journal on Discrete Mathematics, 2017, 31, 1477-1497.	0.8	10
6	Mapping Simple Polygons. ACM Transactions on Algorithms, 2015, 11, 1-16.	1.0	8
7	Approximate lumpability for Markovian agent-based models using local symmetries. Journal of Applied Probability, 2019, 56, 647-671.	0.7	8
8	Degree-constrained orientations of embedded graphs. Journal of Combinatorial Optimization, 2016, 31, 758-773.	1.3	5
9	Tight Analysis of the Smartstart Algorithm for Online Dial-a-Ride on the Line. SIAM Journal on Discrete Mathematics, 2020, 34, 1409-1443.	0.8	5
10	General bounds for incremental maximization. Mathematical Programming, 2022, 191, 953-979.	2.4	5
11	Scheduling maintenance jobs in networks. Theoretical Computer Science, 2019, 754, 107-121.	0.9	4
12	Hiring Secretaries over Time: The Benefit of Concurrent Employment. Mathematics of Operations Research, 2020, 45, 323-352.	1.3	4
13	The complexity of computing a robust flow. Operations Research Letters, 2020, 48, 18-23.	0.7	4
14	Distance-Preserving Graph Contractions. SIAM Journal on Discrete Mathematics, 2019, 33, 1607-1636.	0.8	3
15	Simple agents learn to find their way: An introduction on mapping polygons. Discrete Applied Mathematics, 2013, 161, 1287-1307.	0.9	2
16	A general lower bound for collaborative tree exploration. Theoretical Computer Science, 2020, 811, 70-78.	0.9	2
17	An improved lower bound for competitive graph exploration. Theoretical Computer Science, 2021, 868, 65-86.	0.9	1
18	Travelling on Graphs with Small Highway Dimension. Lecture Notes in Computer Science, 2019, , 175-189.	1.3	1

#	ARTICLE	IF	CITATIONS
19	The Minimum Feasible Tileset Problem. Lecture Notes in Computer Science, 2015, , 144-155.	1.3	1
20	The Minimum Feasible Tileset Problem. Algorithmica, 2019, 81, 1126-1151.	1.3	0
21	Travelling on Graphs with Small Highway Dimension. Algorithmica, 2021, 83, 1352-1370.	1.3	0