

Michael Farber

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

638
citations

1040056

9
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Random simplicial complexes, duality and the critical dimension. Journal of Topology and Analysis, 2022, 14, 1-31.	0.5	6
2	Ample simplicial complexes. European Journal of Mathematics, 2022, 8, 1-32.	0.5	2
3	The Rado simplicial complex. Journal of Applied and Computational Topology, 2021, 5, 339-356.	2.0	3
4	On the topological complexity of aspherical spaces. Journal of Topology and Analysis, 2020, 12, 293-319.	0.5	8
5	Directed topological complexity. Journal of Applied and Computational Topology, 2020, 4, 11-27.	2.0	6
6	Generating functions and topological complexity. Topology and Its Applications, 2020, 278, 107235.	0.4	4
7	Random simplicial complexes in the medial regime. Topology and Its Applications, 2020, 272, 107065.	0.4	6
8	Bredon cohomology and robot motion planning. Algebraic and Geometric Topology, 2019, 19, 2023-2059.	0.4	15
9	An upper bound for topological complexity. Topology and Its Applications, 2019, 255, 109-125.	0.4	10
10	Higher topological complexity of aspherical spaces. Topology and Its Applications, 2019, 258, 142-160.	0.4	9
11	CONFIGURATION SPACES AND ROBOT MOTION PLANNING ALGORITHMS. Lecture Notes Series, Institute for Mathematical Sciences, 2017, , 263-303.	0.2	19
12	Random Simplicial Complexes. Springer INdAM Series, 2016, , 129-153.	0.5	26
13	Fundamental groups of clique complexes of random graphs. Transactions of the London Mathematical Society, 2015, 2, 1-32.	0.7	13
14	MOTION PLANNING IN SPACES WITH SMALL FUNDAMENTAL GROUPS. Communications in Contemporary Mathematics, 2010, 12, 107-119.	1.2	17
15	Robot motion planning, weights of cohomology classes, and cohomology operations. Proceedings of the American Mathematical Society, 2008, 136, 3339-3349.	0.8	24
16	Topology of random linkages. Algebraic and Geometric Topology, 2008, 8, 155-171.	0.4	16
17	TOPOLOGY OF ROBOT MOTION PLANNING. , 2006, , 185-230.		45
18	Topological Complexity of Motion Planning. Discrete and Computational Geometry, 2003, 29, 211-221.	0.6	209

#	ARTICLE	IF	CITATIONS
19	Title is missing!. International Mathematics Research Notices, 2003, 2003, 1853.	1.0	57
20	Random Surfaces with Boundary. Discrete and Computational Geometry, 0, , 1.	0.6	1