Lori Ziegelmeier

List of Publications by Year
in descending order

11 papers	234 citations	1684188 5 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	176 citing authors

#	Article	IF	Citations
1	Minimal Cycle Representatives in Persistent Homology Using Linear Programming: An Empirical Study With User's Guide. Frontiers in Artificial Intelligence, 2021, 4, 681117.	3.4	3
2	Capturing dynamics of time-varying data via topology. , 2021, .		10
3	On homotopy types of Vietoris–Rips complexes of metric gluings. Journal of Applied and Computational Topology, 2020, 4, 425-454.	2.0	7
4	A topological approach to selecting models of biological experiments. PLoS ONE, 2019, 14, e0213679.	2.5	24
5	Analyzing collective motion with machine learning and topology. Chaos, 2019, 29, 123125.	2.5	31
6	A Complete Characterization of the One-Dimensional Intrinsic ČŒech Persistence Diagrams for Metric Graphs. Association for Women in Mathematics Series, 2018, , 33-56.	0.4	16
7	Stratifying High-Dimensional Data Based on Proximity to the Convex Hull Boundary. SIAM Review, 2017, 59, 346-365.	9.5	3
8	Sparse Locally Linear Embedding. Procedia Computer Science, 2017, 108, 635-644.	2.0	10
9	Topological Data Analysis of Biological Aggregation Models. PLoS ONE, 2015, 10, e0126383.	2.5	120
10	An application of persistent homology on Grassmann manifolds for the detection of signals in hyperspectral imagery. , 2015, , .		9
11	Reflections on Math Students' Circles: Two Personal Stories from Colorado. Journal of Humanistic Mathematics, 2015, 5, 110-120.	0.1	1