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