

Elizabeth Bradley

List of Publications by Year in descending order

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31
papers

743
citations

623734

14
h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of local mixing in time-series data using permutation entropy. <i>Physical Review E</i> , 2021, 103, 022217.	2.1	2
2	Toward automated extraction and characterization of scaling regions in dynamical systems. <i>Chaos</i> , 2021, 31, 123102.	2.5	4
3	Oscillatory spreading and inertia in power grids. <i>Chaos</i> , 2021, 31, 123103.	2.5	2
4	Using curvature to select the time lag for delay reconstruction. <i>Chaos</i> , 2020, 30, 063143.	2.5	6
5	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1570-1596.	2.9	30
6	An information-theoretic approach to extracting climate signals from deep polar ice cores. <i>Chaos</i> , 2019, 29, 101105.	2.5	5
7	Anomaly Detection in Paleoclimate Records Using Permutation Entropy. <i>Entropy</i> , 2018, 20, 931.	2.2	26
8	Computational Topology Techniques for Characterizing Time-Series Data. <i>Lecture Notes in Computer Science</i> , 2017, , 284-296.	1.3	12
9	Leveraging information storage to select forecast-optimal parameters for delay-coordinate reconstructions. <i>Physical Review E</i> , 2016, 93, 022221.	2.1	25
10	Exploring the topology of dynamical reconstructions. <i>Physica D: Nonlinear Phenomena</i> , 2016, 334, 49-59.	2.8	31
11	Introduction to Focus Issue: The 25th Anniversary of Chaos: Perspectives on Nonlinear Science—Past, Present, and Future. <i>Chaos</i> , 2015, 25, 097501.	2.5	1
12	Prediction in projection. <i>Chaos</i> , 2015, 25, 123108.	2.5	20
13	Nonlinear time-series analysis revisited. <i>Chaos</i> , 2015, 25, 097610.	2.5	252
14	Simplicial Multivalued Maps and the Witness Complex for Dynamical Analysis of Time Series. <i>SIAM Journal on Applied Dynamical Systems</i> , 2015, 14, 1278-1307.	1.6	9
15	Model-free quantification of time-series predictability. <i>Physical Review E</i> , 2014, 90, 052910.	2.1	59
16	Dynamic stability of running: The effects of speed and leg amputations on the maximal Lyapunov exponent. <i>Chaos</i> , 2013, 23, 043131.	2.5	22
17	On the Importance of Nonlinear Modeling in Computer Performance Prediction. <i>Lecture Notes in Computer Science</i> , 2013, , 210-222.	1.3	5
18	Iterated function system models in data analysis: Detection and separation. <i>Chaos</i> , 2012, 22, 023103.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Cooperation in bike racingâ€”When to work together and when to go it alone. Complexity, 2011, 17, 39-44.	1.6	14
20	Predicting Computer Performance Dynamics. Lecture Notes in Computer Science, 2011, , 173-184.	1.3	4
21	Discretization of the vorticity field of a planar jet. Experiments in Fluids, 2010, 49, 1161-1175.	2.4	1
22	Measurement and Dynamical Analysis of Computer Performance Data. Lecture Notes in Computer Science, 2010, , 18-29.	1.3	8
23	Computer systems are dynamical systems. Chaos, 2009, 19, 033124.	2.5	29
24	A calibration procedure for millimeter-scale stereomicroscopic particle image velocimetry. Experiments in Fluids, 2008, 45, 1037-1045.	2.4	6
25	Topology and intelligent data analysis. Intelligent Data Analysis, 2004, 8, 505-515.	0.9	8
26	Implications of Systems Dynamic Models and Control Theory for Environmental Approaches to the Prevention of Alcohol- and Other Drug Use-Related Problems. Substance Use and Misuse, 2004, 39, 1713-1750.	1.4	29
27	Recurrence plots and unstable periodic orbits. Chaos, 2002, 12, 596-600.	2.5	45
28	Global solutions for nonlinear systems using qualitative reasoning. Annals of Mathematics and Artificial Intelligence, 1998, 23, 211-228.	1.3	11
29	Using chaos to generate variations on movement sequences. Chaos, 1998, 8, 800-807.	2.5	19
30	Automatic construction of accurate models of physical systems. Annals of Mathematics and Artificial Intelligence, 1996, 17, 1-28.	1.3	29
31	AUTONOMOUS EXPLORATION AND CONTROL OF CHAOTIC SYSTEMS. Cybernetics and Systems, 1995, 26, 499-519.	2.5	21