

Elizabeth Bradley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4582051/publications.pdf>

Version: 2024-02-01

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	Nonlinear time-series analysis revisited. <i>Chaos</i> , 2015, 25, 097610.	2.5	252
2	Model-free quantification of time-series predictability. <i>Physical Review E</i> , 2014, 90, 052910.	2.1	59
3	Recurrence plots and unstable periodic orbits. <i>Chaos</i> , 2002, 12, 596-600.	2.5	45
4	Exploring the topology of dynamical reconstructions. <i>Physica D: Nonlinear Phenomena</i> , 2016, 334, 49-59.	2.8	31
5	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1570-1596.	2.9	30
6	Automatic construction of accurate models of physical systems. <i>Annals of Mathematics and Artificial Intelligence</i> , 1996, 17, 1-28.	1.3	29
7	Implications of Systems Dynamic Models and Control Theory for Environmental Approaches to the Prevention of Alcohol- and Other Drug Use-Related Problems. <i>Substance Use and Misuse</i> , 2004, 39, 1713-1750.	1.4	29
8	Computer systems are dynamical systems. <i>Chaos</i> , 2009, 19, 033124.	2.5	29
9	Anomaly Detection in Paleoclimate Records Using Permutation Entropy. <i>Entropy</i> , 2018, 20, 931.	2.2	26
10	Leveraging information storage to select forecast-optimal parameters for delay-coordinate reconstructions. <i>Physical Review E</i> , 2016, 93, 022221.	2.1	25
11	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
12	AUTONOMOUS EXPLORATION AND CONTROL OF CHAOTIC SYSTEMS. <i>Cybernetics and Systems</i> , 1995, 26, 499-519.	2.5	21
13	Prediction in projection. <i>Chaos</i> , 2015, 25, 123108.	2.5	20
14	Using chaos to generate variations on movement sequences. <i>Chaos</i> , 1998, 8, 800-807.	2.5	19
15	Cooperation in bike racing—When to work together and when to go it alone. <i>Complexity</i> , 2011, 17, 39-44.	1.6	14
16	Computational Topology Techniques for Characterizing Time-Series Data. <i>Lecture Notes in Computer Science</i> , 2017, , 284-296.	1.3	12
17	Global solutions for nonlinear systems using qualitative reasoning. <i>Annals of Mathematics and Artificial Intelligence</i> , 1998, 23, 211-228.	1.3	11
18	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

#	ARTICLE	IF	CITATIONS
19	Topology and intelligent data analysis. <i>Intelligent Data Analysis</i> , 2004, 8, 505-515.	0.9	8
20	Measurement and Dynamical Analysis of Computer Performance Data. <i>Lecture Notes in Computer Science</i> , 2010, , 18-29.	1.3	8
21	A calibration procedure for millimeter-scale stereomicroscopic particle image velocimetry. <i>Experiments in Fluids</i> , 2008, 45, 1037-1045.	2.4	6
22	Iterated function system models in data analysis: Detection and separation. <i>Chaos</i> , 2012, 22, 023103.	2.5	6
23	Using curvature to select the time lag for delay reconstruction. <i>Chaos</i> , 2020, 30, 063143.	2.5	6
24	An information-theoretic approach to extracting climate signals from deep polar ice cores. <i>Chaos</i> , 2019, 29, 101105.	2.5	5
25	On the Importance of Nonlinear Modeling in Computer Performance Prediction. <i>Lecture Notes in Computer Science</i> , 2013, , 210-222.	1.3	5
26	Predicting Computer Performance Dynamics. <i>Lecture Notes in Computer Science</i> , 2011, , 173-184.	1.3	4
27	Toward automated extraction and characterization of scaling regions in dynamical systems. <i>Chaos</i> , 2021, 31, 123102.	2.5	4
28	Detection of local mixing in time-series data using permutation entropy. <i>Physical Review E</i> , 2021, 103, 022217.	2.1	2
29	Oscillatory spreading and inertia in power grids. <i>Chaos</i> , 2021, 31, 123103.	2.5	2
30	Discretization of the vorticity field of a planar jet. <i>Experiments in Fluids</i> , 2010, 49, 1161-1175.	2.4	1
31	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