Steven R Bishop

List of Publications by Year
in descending order

36 papers	734 citations	623734 14 h-index	526287 27 g-index
36 all docs	36 docs citations	36 times ranked	660 citing authors

#	Article	IF	Citations
1	Urban population size and road traffic collisions in Europe. PLoS ONE, 2021, 16, e0256485.	2.5	4
2	The effect of dragon-kings on the estimation of scaling law parameters. Scientific Reports, 2020, 10, 20226.	3.3	4
3	Forest management and sustainable urban development in the Curonian Spit. European Journal of Remote Sensing, 2019, 52, 42-57.	3.5	6
4	Temporal and spatial analysis of the media spotlight. Computers, Environment and Urban Systems, 2019, 75, 254-263.	7.1	9
5	A General Framework for Static, Spatially Explicit Games of Search and Concealment. , 2016, , 306-339.		0
6	A Financial Market Model Incorporating Herd Behaviour. PLoS ONE, 2016, 11, e0151790.	2.5	4
7	Predicting the Lifetime of Dynamic Networks Experiencing Persistent Random Attacks. Scientific Reports, 2015, 5, 14286.	3.3	17
8	Quantifying Regional Differences in the Length of Twitter Messages. PLoS ONE, 2015, 10, e0122278.	2.5	6
9	A spatial model with pulsed releases to compare strategies for the sterile insect technique applied to the mosquito Aedes aegypti. Mathematical Biosciences, 2014, 254, 6-27.	1.9	19
10	Static search games played over graphs and general metric spaces. European Journal of Operational Research, 2013, 231, 667-689.	5.7	11
11	Quantifying the Digital Traces of Hurricane Sandy on Flickr. Scientific Reports, 2013, 3, 3141.	3.3	69
12	Quantifying the Advantage of Looking Forward. Scientific Reports, 2012, 2, 350.	3.3	140
13	PREDICTING THE RECOVERY OF BIOLOGICAL COMMUNITIES ON THE SEABED AFTER MARINE AGGREGATE DREDGING. , 2009, , .		0
14	TOWARDS A CELLULAR AUTOMATA MODEL TO PREDICT THE IMPACTS OF AGGREGATE EXTRACTION ON BIOLOGICAL RECOVERABILITY. , 2007, , .		0
15	Breaking the symmetry of the parametrically excited pendulum. Chaos, Solitons and Fractals, 2006, 28, 673-681.	5.1	28
16	Piecewise analysis of oblique vibro-impacting systems. Acta Mechanica Sinica/Lixue Xuebao, 2003, 19, 579-584.	3.4	3
17	Modelling desert dune fields based on discrete dynamics. Discrete Dynamics in Nature and Society, 2002, 7, 7-17.	0.9	56
18	On the shape and migration speed of a proto-dune. Earth Surface Processes and Landforms, 2002, 27, 1335-1338.	2.5	15

#	Article	IF	Citations
19	Estimating the windward slope profile of a barchan dune. Sedimentology, 2002, 49, 467-481.	3.1	15
20	Estimation of periodic-like motions of chaotic evolutions using detected unstable periodic patterns. Pattern Recognition Letters, 2002, 23, 245-252.	4.2	8
21	Manipulating the scaling factor of projective synchronization in three-dimensional chaotic systems. Chaos, 2001, 11, 439-442.	2.5	75
22	A SIMPLE USE OF THE DIFFUSION APPROXIMATION FOR TREATING ROUNDOFF-INDUCED PROBLEMS IN COUPLED MAPS WITH AN INVARIANT SUBSET. , 2001, , .		0
23	Simulation of the effect of wind speedup in the formation of transverse dune fields. Earth Surface Processes and Landforms, 2000, 25, 905-918.	2.5	59
24	Inverted dynamics of a tilted parametric pendulum. European Journal of Mechanics, A/Solids, 1999, 18, 517-526.	3.7	25
25	Spatial distribution of chaotic transients in unidirectional synchronisation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 257, 175-181.	2.1	1
26	Dynamics of a Simple Damped Oscillator Undergoing Stick-Slip Vibrations. Meccanica, 1999, 34, 337-347.	2.0	58
27	TRANSIENT TIME IN UNIDIRECTIONAL SYNCHRONIZATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1999, 09, 2345-2352.	1.7	5
28	Computational techniques for nonlinear dynamics in multiple friction oscillators. Computer Methods in Applied Mechanics and Engineering, 1998, 163, 373-382.	6.6	20
29	Applying Chaos Control in Periodic Windows. Chaos, Solitons and Fractals, 1998, 9, 1297-1305.	5.1	5
30	Control of chaos in noisy flows. Physical Review E, 1996, 54, 3204-3210.	2.1	9
31	Switching between orbits in a periodic window. Physical Review E, 1996, 54, 6940-6943.	2.1	11
32	A CONTRACTION-MAPPING-BASED CONTROL APPROACH TO STABILIZE CHAOTIC SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1995, 05, 1741-1748.	1.7	5
33	Periodic oscillations and attracting basins for a parametrically excited pendulum. Dynamical Systems, 1994, 9, 123-143.	0.7	22
34	Steering dynamical trajectories to target a desired state. Chaos, Solitons and Fractals, 1994, 4, 1931-1942.	5.1	15
35	Transient and Steady-State Operational Limits for Ship Roll. Applied Mechanics Reviews, 1993, 46, S47-S52.	10.1	5
36	The influence of ramped forcing on safe basins in a mechanical oscillator. Dynamical Systems, 1993, 8, 73-80.	0.7	5