# Clint Sprott

## List of Publications by Year in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 226 papers | 12,941 citations | 20817 60 h-index | 27406 106 g-index |
| 235 all docs | 235 docs citations | 235 times ranked | 3666 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Constructing conditional symmetry in symmetric chaotic systems. Chaos, Solitons and Fractals, 2022, 155, 111723. | 5.1 | 26 |
| 2 | Quantifying the robustness of a chaotic system. Chaos, 2022, 32, 033124. | 2.5 | 2 |
| 3 | The Butterfly Effect in Primary Visual Cortex. IEEE Transactions on Computers, 2022, 71, 2803-2815. | 3.4 | 5 |
| 4 | Effects of Amplitude, Maximal Lyapunov Exponent, and Kaplanâ€“Yorke Dimension of Dynamical Oscillators on Master Stability Function. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, . | 1.7 | 0 |
| 5 | A simple memristive jerk system. IET Circuits, Devices and Systems, 2021, 15, 388-392. | 1.4 | 15 |
| 6 | Coexisting Infinite Equilibria and Chaos. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2130014. | 1.7 | 33 |
| 7 | Multi-Stability Detection in Chaotic Systems. Emergence, Complexity and Computation, 2021, , 377-396. | 0.3 | 0 |
| 8 | A Chaotic Circuit for Producing Gaussian Random Numbers. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050116. | 1.7 | 6 |
| 9 | Hidden Attractors with Conditional Symmetry. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2030042. | 1.7 | 19 |
| 10 | Time-Reversible Chaotic System with Conditional Symmetry. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050067. | 1.7 | 5 |
| 11 | A chaotic circuit based on a physical memristor. Chaos, Solitons and Fractals, 2020, 138, 109990. | 5.1 | 68 |
| 12 | Variants of the NosÃ©â€“Hoover oscillator. European Physical Journal: Special Topics, 2020, 229, 963-971. | 2.6 | 3 |
| 13 | Polarity balance for attractor self-reproducing. Chaos, 2020, 30, 063144. | 2.5 | 14 |
| 14 | Infinite lattice of hyperchaotic strange attractors. Chaos, Solitons and Fractals, 2018, 109, 76-82. | 5.1 | 50 |
| 15 | An infinite 3-D quasiperiodic lattice of chaotic attractors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 581-587. | 2.1 | 109 |
| 16 | Constructing Infinitely Many Attractors in a Programmable Chaotic Circuit. IEEE Access, 2018, 6, 29003-29012. | 4.2 | 78 |
| 17 | Offset Boosting for Breeding Conditional Symmetry. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850163. | 1.7 | 65 |
| 18 | A symmetric pair of hyperchaotic attractors. International Journal of Circuit Theory and Applications, 2018, 46, 2434-2443. | 2.0 | 7 |

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|---|---|---|---|
| 19 | Simplest chaotic system with a hyperbolic sine and its applications in DCSK scheme. IET Communications, 2018, 12, 809-815. | 2.2 | 21 |
| 20 | Comment on â€œA hidden chaotic attractor in the classical Lorenz systemâ€• Chaos, Solitons and Fractals, 2018, 113, 261-262. | 5.1 | 16 |
| 21 | Predicting tipping points of dynamical systems during a period-doubling route to chaos. Chaos, 2018, 28, 073102. | 2.5 | 40 |
| 22 | A chaotic model of migraine headache considering the dynamical transitions of this cyclic disease. Europhysics Letters, 2018, 123, 10006. | 2.0 | 7 |
| 23 | Using Rate of Divergence as an Objective Measure to Differentiate between Voice Signal Types Based on the Amount of Disorder in the Signal. Journal of Voice, 2017, 31, 16-23. | 1.5 | 18 |
| 24 | Can Lyapunov exponent predict critical transitions in biological systems?. Nonlinear Dynamics, 2017, 88, 1493-1500. | 5.2 | 40 |
| 25 | Hidden hyperchaos and electronic circuit application in a 5D self-exciting homopolar disc dynamo. Chaos, 2017, 27, 033101. | 2.5 | 147 |
| 26 | Are Perpetual Points Sufficient for Locating Hidden Attractors?. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750037. | 1.7 | 53 |
| 27 | Sentiment-driven limit cycles and chaos. Journal of Evolutionary Economics, 2017, 27, 729-760. | 1.7 | 8 |
| 28 | Categorizing Chaotic Flows from the Viewpoint of Fixed Points and Perpetual Points. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750023. | 1.7 | 31 |
| 29 | Detecting Hidden Chaotic Regions and Complex Dynamics in the Self-Exciting Homopolar Disc Dynamo. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1730008. | 1.7 | 79 |
| 30 | Synchronization of two RÃ¶ssler systems with switching coupling. Nonlinear Dynamics, 2017, 88, 673-683. | 5.2 | 36 |
| 31 | How to Bridge Attractors and Repellors. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750149. | 1.7 | 15 |
| 32 | Infinite Multistability in a Self-Reproducing Chaotic System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750160. | 1.7 | 152 |
| 33 | A new chaotic oscillator with free control. Chaos, 2017, 27, 083101. | 2.5 | 78 |
| 34 | Harmonic Oscillators with Nonlinear Damping. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1730037. | 1.7 | 16 |
| 35 | Modeling of epilepsy based on chaotic artificial neural network. Chaos, Solitons and Fractals, 2017, 105, 150-156. | 5.1 | 55 |
| 36 | An infinite 2-D lattice of strange attractors. Nonlinear Dynamics, 2017, 89, 2629-2639. | 5.2 | 94 |

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| 37 | Constructing chaotic systems with conditional symmetry. Nonlinear Dynamics, 2017, 87, 1351-1358. | 5.2 | 113 |
| 38 | Asymmetric Bistability in the R"{o}ssler System. Acta Physica Polonica B, 2017, 48, 97. | 0.8 | 37 |
| 39 | Amplitude-phase control of a novel chaotic attractor. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 1-11. | 1.4 | 27 |
| 40 | Crisis in Amplitude Control Hides in Multistability. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650233. | 1.7 | 30 |
| 41 | Adaptive Rungeâ€“Kutta integration for stiff systems: Comparing NosÃ© and NosÃ©â€“Hoover dynamics for the harmonic oscillator. American Journal of Physics, 2016, 84, 786-794. | 0.7 | 12 |
| 42 | Variable-boostable chaotic flows. Optik, 2016, 127, 10389-10398. | 2.9 | 175 |
| 43 | Simple Chaotic Flow with Circle and Square Equilibrium. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650137. | 1.7 | 97 |
| 44 | Simple chaotic 3D flows with surfaces of equilibria. Nonlinear Dynamics, 2016, 86, 1349-1358. | 5.2 | 126 |
| 45 | Nonequilibrium systems: hard disks and harmonic oscillators near and far from equilibrium. Molecular Simulation, 2016, 42, 1300-1316. | 2.0 | 16 |
| 46 | Simple Chaotic Flows with a Curve of Equilibria. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1630034. | 1.7 | 99 |
| 47 | Dynamics at Infinity, Degenerate Hopf and Zero-Hopf Bifurcation for Kingniâ€“Jafari System with Hidden Attractors. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650125. | 1.7 | 45 |
| 48 | The Equivalence of Dissipation from Gibbsâ€™ Entropy Production with Phase-Volume Loss in Ergodic Heat-Conducting Oscillators. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650089. | 1.7 | 16 |
| 49 | Simple Chaotic Hyperjerk System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650189. | 1.7 | 70 |
| 50 | Ergodicity of a singly-thermostated harmonic oscillator. Communications in Nonlinear Science and Numerical Simulation, 2016, 32, 234-240. | 3.3 | 24 |
| 51 | A Simple Chaotic Flow with a Plane of Equilibria. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650098. | 1.7 | 149 |
| 52 | NARX prediction of some rare chaotic flows: Recurrent fuzzy functions approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 696-706. | 2.1 | 17 |
| 53 | Hypogenetic chaotic jerk flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 1172-1177. | 2.1 | 85 |
| 54 | Nonideal Behavior of Analog Multipliers for Chaos Generation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 396-400. | 3.0 | 22 |

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| 55 | Adaptive complex modified hybrid function projective synchronization of different dimensional complex chaos with uncertain complex parameters. Nonlinear Dynamics, 2016, 83, 1109-1121. | 5.2 | 44 |
| 56 | The speed of reaction-diffusion fronts on fractals: testing the Campos-MÃ©ndez-Fort formula. ScienceAsia, 2016, 42, 33. | 0.5 | 4 |
| 57 | A novel four-wing strange attractor born in bistability. IEICE Electronics Express, 2015, 12, 20141116-20141116. | 0.8 | 39 |
| 58 | Limitation of Perpetual Points for Confirming Conservation in Dynamical Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550182. | 1.7 | 41 |
| 59 | Recent new examples of hidden attractors. European Physical Journal: Special Topics, 2015, 224, 1469-1476. | 2.6 | 209 |
| 60 | A Simple Chaotic Flow with a Continuously Adjustable Attractor Dimension. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1530036. | 1.7 | 29 |
| 61 | Linearization of the Lorenz system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 888-893. | 2.1 | 64 |
| 62 | New Chaotic Regimes in the Lorenz and Chen Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550033. | 1.7 | 14 |
| 63 | Strange attractors with various equilibrium types. European Physical Journal: Special Topics, 2015, 224, 1409-1419. | 2.6 | 80 |
| 64 | Multistability in symmetric chaotic systems. European Physical Journal: Special Topics, 2015, 224, 1493-1506. | 2.6 | 153 |
| 65 | Symmetric Time-Reversible Flows with a Strange Attractor. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550078. | 1.7 | 37 |
| 66 | A chaotic system with a single unstable node. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2030-2036. | 2.1 | 69 |
| 67 | Elementary quadratic chaotic flows with a single non-hyperbolic equilibrium. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2184-2187. | 2.1 | 79 |
| 68 | Deterministic time-reversible thermostats: chaos, ergodicity, and the zeroth law of thermodynamics. Molecular Physics, 2015, 113, 2863-2872. | 1.7 | 22 |
| 69 | Ergodic time-reversible chaos for Gibbs' canonical oscillator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2935-2940. | 2.1 | 21 |
| 70 | Constructing Chaotic Systems with Total Amplitude Control. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1530025. | 1.7 | 112 |
| 71 | Classifying and quantifying basins of attraction. Chaos, 2015, 25, 083101. | 2.5 | 63 |
| 72 | A chaotic model of sustaining attention problem in attention deficit disorder. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 174-185. | 3.3 | 60 |

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| 73 | A Gaussian mixture model based cost function for parameter estimation of chaotic biological systems. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 469-481. | 3.3 | 27 |
| 74 | Coexisting Hidden Attractors in a 4-D Simplified Lorenz System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450034. | 1.7 | 238 |
| 75 | Simplest Chaotic Flows with Involutional Symmetries. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450009. | 1.7 | 72 |
| 76 | Cost Function Based on Gaussian Mixture Model for Parameter Estimation of a Chaotic Circuit with a Hidden Attractor. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450010. | 1.7 | 78 |
| 77 | A New Piecewise Linear Hyperchaotic Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 977-981. | 3.0 | 100 |
| 78 | Finding coexisting attractors using amplitude control. Nonlinear Dynamics, 2014, 78, 2059-2064. | 5.2 | 79 |
| 79 | Comment on â€œHow to obtain extreme multistability in coupled dynamical systemsâ€• Physical Review E, 2014, 89, 066901. | 2.1 | 21 |
| 80 | A chaotic viewpoint on noise reduction from respiratory sounds. Biomedical Signal Processing and Control, 2014, 10, 245-249. | 5.7 | 25 |
| 81 | A dynamical system with a strange attractor and invariant tori. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1361-1363. | 2.1 | 60 |
| 82 | Heat conduction, and the lack thereof, in time-reversible dynamical systems: Generalized NosÃ©-Hoover oscillators with a temperature gradient. Physical Review E, 2014, 89, 042914. | 2.1 | 53 |
| 83 | Chaotic flows with a single nonquadratic term. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 178-183. | 2.1 | 113 |
| 84 | Multistability in the Lorenz System: A Broken Butterfly. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450131. | 1.7 | 163 |
| 85 | Bistability in a hyperchaotic system with a line equilibrium. Journal of Experimental and Theoretical Physics, 2014, 118, 494-500. | 0.9 | 81 |
| 86 | When Two Dual Chaotic Systems Shake Hands. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450086. | 1.7 | 11 |
| 87 | Extensions in dynamic models of happiness: effect of memory. International Journal of Happiness and Development, 2014, 1, 344. | 0.1 | 19 |
| 88 | Amplitude control approach for chaotic signals. Nonlinear Dynamics, 2013, 73, 1335-1341. | 5.2 | 114 |
| 89 | Application of Takagiâ€“Sugeno fuzzy model to a class of chaotic synchronization and anti-synchronization. Nonlinear Dynamics, 2013, 73, 1495-1505. | 5.2 | 108 |
| 90 | COEXISTENCE OF POINT, PERIODIC AND STRANGE ATTRACTORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350093. | 1.7 | 150 |

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|---|---|---|---|
| 91 | SIMPLEST 3D CONTINUOUS-TIME QUADRATIC SYSTEMS AS CANDIDATES FOR GENERATING MULTISCROLL CHAOTIC ATTRACTORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350120. | 1.7 | 11 |
| 92 | Simple chaotic flows with a line equilibrium. Chaos, Solitons and Fractals, 2013, 57, 79-84. | 5.1 | 460 |
| 93 | Elementary quadratic chaotic flows with no equilibria. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 699-702. | 2.1 | 422 |
| 94 | Evaluating Lyapunov exponent spectra with neural networks. Chaos, Solitons and Fractals, 2013, 51, 13-21. | 5.1 | 33 |
| 95 | SIMPLE CHAOTIC FLOWS WITH ONE STABLE EQUILIBRIUM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350188. | 1.7 | 307 |
| 96 | A RIGOROUS DETERMINATION OF THE OVERALL PERIOD IN THE STRUCTURE OF A CHAOTIC ATTRACTOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350046. | 1.7 | 2 |
| 97 | ABOUT UNIVERSAL BASINS OF ATTRACTION IN HIGH-DIMENSIONAL SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350197. | 1.7 | 3 |
| 98 | MULTISTABILITY IN A BUTTERFLY FLOW. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350199. | 1.7 | 74 |
| 99 | Is chaos good for learning?. Nonlinear Dynamics, Psychology, and Life Sciences, 2013, 17, 223-32. | 0.2 | 5 |
| 100 | Synchronization between integer-order chaotic systems and a class of fractional-order chaotic system based on fuzzy sliding mode control. Nonlinear Dynamics, 2012, 70, 1549-1561. | 5.2 | 67 |
| 101 | Boundedness of Certain Forms of Jerky Dynamics. Qualitative Theory of Dynamical Systems, 2012, 11, 199-213. | 1.7 | 7 |
| 102 | Hyperbolification of dynamical systems: The case of continuous-time systems. Journal of Experimental and Theoretical Physics, 2012, 115, 356-360. | 0.9 | 2 |
| 103 | Hyperchaos and hyperchaos control of the sinusoidally forced simplified Lorenz system. Nonlinear Dynamics, 2012, 69, 1383-1391. | 5.2 | 51 |
| 104 | Non-existence of Shilnikov chaos in continuous-time systems. Applied Mathematics and Mechanics (English Edition), 2012, 33, 371-374. | 3.6 | 9 |
| 105 | Spatiotemporal chaos in Easter Island ecology. Nonlinear Dynamics, Psychology, and Life Sciences, 2012, 16, 387-95. | 0.2 | 0 |
| 106 | A New Chaotic Jerk Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 240-243. | 3.0 | 154 |
| 107 | Chaotifying 2-D piecewise-linear maps via a piecewise-linear controller function. Nonlinear Oscillations, 2011, 13, 352-360. | 0.1 | 3 |
| 108 | About the boundedness of 3-D continuous-time quadratic systems. Nonlinear Oscillations, 2011, 13, 550-557. | 0.1 | 0 |

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| 109 | Neural network method for determining embedding dimension of a time series. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3294-3302. | 3.3 | 47 |
| 110 | Generalization of the simplest autonomous chaotic system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 1445-1450. | 2.1 | 65 |
| 111 | How to Transform a Type of Chaos in Dynamical Systems?. World Scientific Series on Nonlinear Science, Series B, 2011, , 231-252. | 0.2 | 0 |
| 112 | ROBUSTIFICATION OF CHAOS IN 2D MAPS. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 817-827. | 1.4 | 5 |
| 113 | ON THE DYNAMICS OF A NEW SIMPLE 2-D RATIONAL DISCRETE MAPPING. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 155-160. | 1.7 | 16 |
| 114 | DYNAMIC PATTERNS OF POSTURAL FLUCTUATIONS DURING QUIET STANDING: A RECURRENCE QUANTIFICATION APPROACH. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 1163-1172. | 1.7 | 17 |
| 115 | A PROPOSED STANDARD FOR THE PUBLICATION OF NEW CHAOTIC SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2391-2394. | 1.7 | 192 |
| 116 | Chaos in easter island ecology. Nonlinear Dynamics, Psychology, and Life Sciences, 2011, 15, 445-54. | 0.2 | 5 |
| 117 | A new simple 2-D piecewise linear map. Journal of Systems Science and Complexity, 2010, 23, 379-389. | 2.8 | 7 |
| 118 | PERIODICALLY FORCED CHAOTIC SYSTEM WITH SIGNUM NONLINEARITY. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1499-1507. | 1.7 | 35 |
| 119 | GENERATING 3-SCROLL ATTRACTORS FROM ONE CHUA CIRCUIT. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 135-144. | 1.7 | 10 |
| 120 | IDENTIFICATION OF DYNAMIC PATTERNS OF BODY SWAY DURING QUIET STANDING: IS IT A NONLINEAR PROCESS?. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1269-1278. | 1.7 | 9 |
| 121 | SIMPLE CONSERVATIVE, AUTONOMOUS, SECOND-ORDER CHAOTIC COMPLEX VARIABLE SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 697-702. | 1.7 | 5 |
| 122 | BIFURCATIONS AND CHAOS IN FRACTIONAL-ORDER SIMPLIFIED LORENZ SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1209-1219. | 1.7 | 94 |
| 123 | Simple Autonomous Chaotic Circuits. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 730-734. | 3.0 | 102 |
| 124 | DYNAMICS OF A SIMPLIFIED LORENZ SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 1357-1366. | 1.7 | 61 |
| 125 | THE DISCRETE HYPERCHAOTIC DOUBLE SCROLL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 1023-1027. | 1.7 | 12 |
| 126 | A search for the simplest chaotic partial differential equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2717-2721. | 2.1 | 23 |

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|---|---|---|---|
| 127 | Classification of three-dimensional quadratic diffeomorphisms with constant Jacobian. Frontiers of Physics in China, 2009, 4, 111-121. | 1.0 | 5 |
| 128 | Some explicit formulas of Lyapunov exponents for three-dimensional quadratic mappings. Frontiers of Physics in China, 2009, 4, 549-555. | 1.0 | 4 |
| 129 | Anti-Newtonian dynamics. American Journal of Physics, 2009, 77, 783-787. | 0.7 | 11 |
| 130 | Simplifications of the Lorenz attractor. Nonlinear Dynamics, Psychology, and Life Sciences, 2009, 13, 271-8. | 0.2 | 7 |
| 131 | On the robustness of chaos in dynamical systems: Theories and applications. Frontiers of Physics in China, 2008, 3, 195-204. | 1.0 | 26 |
| 132 | The effect of modulating a parameter in the logistic map. Chaos, 2008, 18, 023119. | 2.5 | 21 |
| 133 | A MINIMAL 2-D QUADRATIC MAP WITH QUASI-PERIODIC ROUTE TO CHAOS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 1567-1577. | 1.7 | 21 |
| 134 | Chaotic dynamics on large networks. Chaos, 2008, 18, 023135. | 2.5 | 24 |
| 135 | Simple models of complex chaotic systems. American Journal of Physics, 2008, 76, 474-480. | 0.7 | 13 |
| 136 | A simple diffusion model showing anomalous scaling. Physics of Plasmas, 2008, 15, 082308. | 1.9 | 4 |
| 137 | Predator-Prey Dynamics for Rabbits, Trees, and Romance. , 2008, , 231-238. | | 2 |
| 138 | Biophilic fractals and the visual journey of organic screen-savers. Nonlinear Dynamics, Psychology, and Life Sciences, 2008, 12, 117-29. | 0.2 | 9 |
| 139 | LABYRINTH CHAOS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2097-2108. | 1.7 | 37 |
| 140 | Hyperlabyrinth chaos: From chaotic walks to spatiotemporal chaos. Chaos, 2007, 17, 023110. | 2.5 | 12 |
| 141 | Maximally complex simple attractors. Chaos, 2007, 17, 033124. | 2.5 | 32 |
| 142 | A simple chaotic delay differential equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 366, 397-402. | 2.1 | 105 |
| 143 | Complex spatiotemporal dynamics in Lotkaâ€“Volterra ring systems. Ecological Complexity, 2006, 3, 140-147. | 2.9 | 7 |
| 144 | Chaos in low-dimensional Lotkaâ€“Volterra models of competition. Nonlinearity, 2006, 19, 2391-2404. | 1.4 | 112 |

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| 145 | Chaotic hyperjerk systems. Chaos, Solitons and Fractals, 2006, 28, 739-746. | 5.1 | 143 |
| 146 | Routes to chaos in high-dimensional dynamical systems: A qualitative numerical study. Physica D: Nonlinear Phenomena, 2006, 223, 194-207. | 2.8 | 26 |
| 147 | Probability of Local Bifurcation Type from a Fixed Point: A Random Matrix Perspective. Journal of Statistical Physics, 2006, 125, 885-921. | 1.2 | 3 |
| 148 | Structural stability and hyperbolicity violation in high-dimensional dynamical systems. Nonlinearity, 2006, 19, 1801-1847. | 1.4 | 26 |
| 149 | A comparison of correlation and Lyapunov dimensions. Physica D: Nonlinear Phenomena, 2005, 200, 156-164. | 2.8 | 68 |
| 150 | Coexistence and chaos in complex ecologies. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 335, 207-212. | 2.1 | 37 |
| 151 | A simple spatiotemporal chaotic Lotkaâ€“Volterra model. Chaos, Solitons and Fractals, 2005, 26, 1035-1043. | 5.1 | 33 |
| 152 | Dynamical models of happiness. Nonlinear Dynamics, Psychology, and Life Sciences, 2005, 9, 23-36. | 0.2 | 34 |
| 153 | Precision measurements of a simple chaotic circuit. American Journal of Physics, 2004, 72, 503-509. | 0.7 | 46 |
| 154 | CHAOS IN A NONLINEAR ANALOG COMPUTER. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 2867-2873. | 1.7 | 12 |
| 155 | A method for approximating missing data in spatial patterns. Computers and Graphics, 2004, 28, 113-117. | 2.5 | 6 |
| 156 | Competition with evolution in ecology and finance. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 325, 329-333. | 2.1 | 42 |
| 157 | Can a monkey with a computer create art?. Nonlinear Dynamics, Psychology, and Life Sciences, 2004, 8, 103-14. | 0.2 | 5 |
| 158 | Dynamical models of love. Nonlinear Dynamics, Psychology, and Life Sciences, 2004, 8, 303-14. | 0.2 | 19 |
| 159 | Chaos in fractional-order autonomous nonlinear systems. Chaos, Solitons and Fractals, 2003, 16, 339-351. | 5.1 | 434 |
| 160 | Comment on â€œA new class of exact solutions of the Vlasov equationâ€•[Phys. Plasmas8, 5081 (2001)]. Physics of Plasmas, 2002, 9, 4093-4094. | 1.9 | 1 |
| 161 | On the synchronization of a class of electronic circuits that exhibit chaos. Chaos, Solitons and Fractals, 2002, 13, 1515-1521. | 5.1 | 74 |
| 162 | Self-organized criticality in forest-landscape evolution. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 297, 267-271. | 2.1 | 27 |

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| 163 | Simplest driven conservative chaotic oscillator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 291, 385-388. | 2.1 | 32 |
| 164 | IMPROVED CORRELATION DIMENSION CALCULATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2001, 11, 1865-1880. | 1.7 | 70 |
| 165 | Can a Computer Produce and Critique Art?. Leonardo, 2001, 34, 369-369. | 0.3 | 2 |
| 166 | Chaos and the limits of predictability for the solar-wind-driven magnetosphereâ€“ionosphere system. Physics of Plasmas, 2001, 8, 2946-2952. | 1.9 | 28 |
| 167 | A new class of chaotic circuit. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 266, 19-23. | 2.1 | 357 |
| 168 | Simple chaotic systems and circuits. American Journal of Physics, 2000, 68, 758-763. | 0.7 | 343 |
| 169 | Controlling chaos in low- and high-dimensional systems with periodic parametric perturbations. Physical Review E, 1999, 59, 5313-5324. | 2.1 | 57 |
| 170 | Controlling chaos in a high dimensional system with periodic parametric perturbations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 254, 275-278. | 2.1 | 21 |
| 171 | Elementary chaotic flow. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 259, 240-245. | 2.1 | 88 |
| 172 | Artificial neural net attractors. Computers and Graphics, 1998, 22, 143-149. | 2.5 | 1 |
| 173 | Routes to Chaos in Neural Networks with Random Weights. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1998, 08, 1463-1478. | 1.7 | 28 |
| 174 | Some simple chaotic jerk functions. American Journal of Physics, 1997, 65, 537-543. | 0.7 | 298 |
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