

Clint Sprott

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231
papers

10,586
citations

55
h-index

96
g-index

235
ext. papers

11,888
ext. citations

2.6
avg. IF

7.17
L-index

#	Paper	IF	Citations
231	Some simple chaotic flows. <i>Physical Review E</i> , 1994 , 50, R647-R650	2.4	759
230	Simple chaotic flows with a line equilibrium. <i>Chaos, Solitons and Fractals</i> , 2013 , 57, 79-84	9.3	380
229	Elementary quadratic chaotic flows with no equilibria. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 699-702	2.3	369
228	Chaos in fractional-order autonomous nonlinear systems. <i>Chaos, Solitons and Fractals</i> , 2003 , 16, 339-351	9.3	352
227	The Madison Symmetric Torus. <i>Fusion Science and Technology</i> , 1991 , 19, 131-139		303
226	A new class of chaotic circuit. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000 , 266, 19-23	2.3	271
225	Simple chaotic systems and circuits. <i>American Journal of Physics</i> , 2000 , 68, 758-763	0.7	265
224	SIMPLE CHAOTIC FLOWS WITH ONE STABLE EQUILIBRIUM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350188	2	262
223	Elegant Chaos 2010 ,		255
222	Some simple chaotic jerk functions. <i>American Journal of Physics</i> , 1997 , 65, 537-543	0.7	239
221	Simplest dissipative chaotic flow. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997 , 228, 271-274	2.3	219
220	Coexisting Hidden Attractors in a 4-D Simplified Lorenz System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450034	2	215
219	Recent new examples of hidden attractors. <i>European Physical Journal: Special Topics</i> , 2015 , 224, 1469-1476		178
218	Multistability in the Lorenz System: A Broken Butterfly. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450131	2	138
217	A PROPOSED STANDARD FOR THE PUBLICATION OF NEW CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011 , 21, 2391-2394	2	136
216	A Simple Chaotic Flow with a Plane of Equilibria. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650098	2	133
215	COEXISTENCE OF POINT, PERIODIC AND STRANGE ATTRACTORS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350093	2	133

214	Hidden hyperchaos and electronic circuit application in a 5D self-exciting homopolar disc dynamo. <i>Chaos</i> , 2017 , 27, 033101	3.3	132
213	Multistability in symmetric chaotic systems. <i>European Physical Journal: Special Topics</i> , 2015 , 224, 1493-1506		131
212	Variable-boostable chaotic flows. <i>Optik</i> , 2016 , 127, 10389-10398	2.5	128
211	Infinite Multistability in a Self-Reproducing Chaotic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750160	2	116
210	A New Chaotic Jerk Circuit. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2011 , 58, 240-243	3.5	116
209	Chaotic hyperjerk systems. <i>Chaos, Solitons and Fractals</i> , 2006 , 28, 739-746	9.3	108
208	Simple chaotic 3D flows with surfaces of equilibria. <i>Nonlinear Dynamics</i> , 2016 , 86, 1349-1358	5	104
207	Amplitude control approach for chaotic signals. <i>Nonlinear Dynamics</i> , 2013 , 73, 1335-1341	5	99
206	Chaotic flows with a single nonquadratic term. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 178-183	2.3	98
205	Application of TakagiSugeno fuzzy model to a class of chaotic synchronization and anti-synchronization. <i>Nonlinear Dynamics</i> , 2013 , 73, 1495-1505	5	95
204	Constructing chaotic systems with conditional symmetry. <i>Nonlinear Dynamics</i> , 2017 , 87, 1351-1358	5	94
203	Constructing Chaotic Systems with Total Amplitude Control. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015 , 25, 1530025	2	93
202	An infinite 3-D quasiperiodic lattice of chaotic attractors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 581-587	2.3	92
201	A New Piecewise Linear Hyperchaotic Circuit. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2014 , 61, 977-981	3.5	90
200	Simple Chaotic Flows with a Curve of Equilibria. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1630034	2	87
199	A simple chaotic delay differential equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 366, 397-402	2.3	87
198	Chaos in low-dimensional LotkaVolterra models of competition. <i>Nonlinearity</i> , 2006 , 19, 2391-2404	1.7	86
197	Simple Chaotic Flow with Circle and Square Equilibrium. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650137	2	81

196	An infinite 2-D lattice of strange attractors. <i>Nonlinear Dynamics</i> , 2017 , 89, 2629-2639	5	79
195	Simple Autonomous Chaotic Circuits. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2010 , 57, 730-734	3.5	78
194	Elementary chaotic flow. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999 , 259, 240-245	2.3	77
193	BIFURCATIONS AND CHAOS IN FRACTIONAL-ORDER SIMPLIFIED LORENZ SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 1209-1219	2	76
192	Bistability in a hyperchaotic system with a line equilibrium. <i>Journal of Experimental and Theoretical Physics</i> , 2014 , 118, 494-500	1	73
191	Hypogenetic chaotic jerk flows. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 1172-1177	2.3	72
190	Cost Function Based on Gaussian Mixture Model for Parameter Estimation of a Chaotic Circuit with a Hidden Attractor. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450010	2	72
189	Elementary quadratic chaotic flows with a single non-hyperbolic equilibrium. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2184-2187	2.3	69
188	MULTISTABILITY IN A BUTTERFLY FLOW. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350199	2	68
187	Detecting Hidden Chaotic Regions and Complex Dynamics in the Self-Exciting Homopolar Disc Dynamo. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1730008	2	67
186	Strange attractors with various equilibrium types. <i>European Physical Journal: Special Topics</i> , 2015 , 224, 1409-1419	2.3	65
185	Finding coexisting attractors using amplitude control. <i>Nonlinear Dynamics</i> , 2014 , 78, 2059-2064	5	65
184	Automatic generation of strange attractors. <i>Computers and Graphics</i> , 1993 , 17, 325-332	1.8	64
183	Constructing Infinitely Many Attractors in a Programmable Chaotic Circuit. <i>IEEE Access</i> , 2018 , 6, 29003-29012	3.5	63
182	A chaotic system with a single unstable node. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2030-2036	2.3	62
181	A new chaotic oscillator with free control. <i>Chaos</i> , 2017 , 27, 083101	3.3	62
180	Synchronization between integer-order chaotic systems and a class of fractional-order chaotic system based on fuzzy sliding mode control. <i>Nonlinear Dynamics</i> , 2012 , 70, 1549-1561	5	62
179	On the synchronization of a class of electronic circuits that exhibit chaos. <i>Chaos, Solitons and Fractals</i> , 2002 , 13, 1515-1521	9.3	61

178	Generalization of the simplest autonomous chaotic system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011 , 375, 1445-1450	2.3	59
177	IMPROVED CORRELATION DIMENSION CALCULATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001 , 11, 1865-1880	2	56
176	Classifying and quantifying basins of attraction. <i>Chaos</i> , 2015 , 25, 083101	3.3	55
175	A dynamical system with a strange attractor and invariant tori. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 1361-1363	2.3	55
174	A comparison of correlation and Lyapunov dimensions. <i>Physica D: Nonlinear Phenomena</i> , 2005 , 200, 156-164	3.4	55
173	Simplest Chaotic Flows with Involutional Symmetries. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450009	2	54
172	Linearization of the Lorenz system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 888-893	2.3	52
171	A chaotic model of sustaining attention problem in attention deficit disorder. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 20, 174-185	3.7	47
170	Controlling chaos in low- and high-dimensional systems with periodic parametric perturbations. <i>Physical Review E</i> , 1999 , 59, 5313-24	2.4	47
169	Offset Boosting for Breeding Conditional Symmetry. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850163	2	47
168	Simple Chaotic Hyperjerk System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650189	2	46
167	Heat conduction, and the lack thereof, in time-reversible dynamical systems: generalized Nosé-Hoover oscillators with a temperature gradient. <i>Physical Review E</i> , 2014 , 89, 042914	2.4	46
166	Are Perpetual Points Sufficient for Locating Hidden Attractors?. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750037	2	45
165	Electrical circuit modeling of reversed field pinches. <i>Physics of Fluids</i> , 1988 , 31, 2266		45
164	DYNAMICS OF A SIMPLIFIED LORENZ SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009 , 19, 1357-1366	2	43
163	Infinite lattice of hyperchaotic strange attractors. <i>Chaos, Solitons and Fractals</i> , 2018 , 109, 76-82	9.3	42
162	Dynamics at Infinity, Degenerate Hopf and Zero-Hopf Bifurcation for Kingni-Jafari System with Hidden Attractors. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650125	2	42
161	Hyperchaos and hyperchaos control of the sinusoidally forced simplified Lorenz system. <i>Nonlinear Dynamics</i> , 2012 , 69, 1383-1391	5	42

160	Competition with evolution in ecology and finance. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 325, 329-333	2.3	40
159	Precision measurements of a simple chaotic circuit. <i>American Journal of Physics</i> , 2004 , 72, 503-509	0.7	38
158	Adaptive complex modified hybrid function projective synchronization of different dimensional complex chaos with uncertain complex parameters. <i>Nonlinear Dynamics</i> , 2016 , 83, 1109-1121	5	36
157	Neural network method for determining embedding dimension of a time series. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011 , 16, 3294-3302	3.7	36
156	Can Lyapunov exponent predict critical transitions in biological systems?. <i>Nonlinear Dynamics</i> , 2017 , 88, 1493-1500	5	35
155	Limitation of Perpetual Points for Confirming Conservation in Dynamical Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015 , 25, 1550182	2	34
154	A novel four-wing strange attractor born in bistability. <i>IEICE Electronics Express</i> , 2015 , 12, 20141116-20141116	1.16	33
153	Extraction of dynamical equations from chaotic data. <i>Physica D: Nonlinear Phenomena</i> , 1992 , 58, 251-259	3.3	33
152	Asymmetric Bistability in the Rössler System. <i>Acta Physica Polonica B</i> , 2017 , 48, 97	1.9	32
151	Dynamical models of happiness. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 2005 , 9, 23-36	0.4	32
150	Predicting tipping points of dynamical systems during a period-doubling route to chaos. <i>Chaos</i> , 2018 , 28, 073102	3.3	31
149	Modeling of epilepsy based on chaotic artificial neural network. <i>Chaos, Solitons and Fractals</i> , 2017 , 105, 150-156	9.3	31
148	Evaluating Lyapunov exponent spectra with neural networks. <i>Chaos, Solitons and Fractals</i> , 2013 , 51, 13-24	4.3	31
147	Synchronization of two Rössler systems with switching coupling. <i>Nonlinear Dynamics</i> , 2017 , 88, 673-683	5	30
146	First results from the Madison Symmetric Torus reversed field pinch. <i>Physics of Fluids B</i> , 1990 , 2, 1367-1371		30
145	Categorizing Chaotic Flows from the Viewpoint of Fixed Points and Perpetual Points. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750023	2	29
144	Symmetric Time-Reversible Flows with a Strange Attractor. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015 , 25, 1550078	2	29
143	Coexistence and chaos in complex ecologies. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005 , 335, 207-212	2.3	29

142	LABYRINTH CHAOS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 2097-2108	2	27
141	Simplest driven conservative chaotic oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001 , 291, 385-388	2.3	27
140	Chaos and the limits of predictability for the solar-wind-driven magnetosphere-ionosphere system. <i>Physics of Plasmas</i> , 2001 , 8, 2946-2952	2.1	26
139	Routes to Chaos in Neural Networks with Random Weights. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1998 , 08, 1463-1478	2	26
138	Crisis in Amplitude Control Hides in Multistability. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650233	2	26
137	A chaotic circuit based on a physical memristor. <i>Chaos, Solitons and Fractals</i> , 2020 , 138, 109990	9.3	25
136	PERIODICALLY FORCED CHAOTIC SYSTEM WITH SIGNUM NONLINEARITY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 1499-1507	2	25
135	Turbulent transport in the Madison Symmetric Torus reversed-field pinch. <i>Physics of Fluids B</i> , 1992 , 4, 2136-2141		25
134	A Simple Chaotic Flow with a Continuously Adjustable Attractor Dimension. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015 , 25, 1530036	2	24
133	Routes to chaos in high-dimensional dynamical systems: A qualitative numerical study. <i>Physica D: Nonlinear Phenomena</i> , 2006 , 223, 194-207	3.3	24
132	Self-organized criticality in forest-landscape evolution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002 , 297, 267-271	2.3	24
131	A Gaussian mixture model based cost function for parameter estimation of chaotic biological systems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 20, 469-481	3.7	23
130	Maximally complex simple attractors. <i>Chaos</i> , 2007 , 17, 033124	3.3	23
129	A simple spatiotemporal chaotic Lotka-Volterra model. <i>Chaos, Solitons and Fractals</i> , 2005 , 26, 1035-1043	9.3	23
128	Amplitude-phase control of a novel chaotic attractor. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016 , 24, 1-11	0.9	23
127	Structural stability and hyperbolicity violation in high-dimensional dynamical systems. <i>Nonlinearity</i> , 2006 , 19, 1801-1847	1.7	22
126	Transport reduction by current profile control in the reversed-field pinch. <i>Physics of Plasmas</i> , 1995 , 2, 2440-2446	2.1	22
125	Tokamak start-up with electron-cyclotron heating. <i>Nuclear Fusion</i> , 1981 , 21, 1483-1487	3.3	22

124	Initial results from the Tokapole-II poloidal divertor device. <i>Nuclear Fusion</i> , 1979 , 19, 1509-1518	3.3	22
123	Nonideal Behavior of Analog Multipliers for Chaos Generation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 396-400	3.5	21
122	Chaotic dynamics on large networks. <i>Chaos</i> , 2008 , 18, 023135	3.3	21
121	On the robustness of chaos in dynamical systems: Theories and applications. <i>Frontiers of Physics in China</i> , 2008 , 3, 195-204		21
120	Automatic generation of iterated function systems. <i>Computers and Graphics</i> , 1994 , 18, 417-425	1.8	21
119	Experimental Observation of the Shear Alfvén Resonance in a Tokamak. <i>Physical Review Letters</i> , 1984 , 53, 1559-1562	7.4	21
118	Comment on "how to obtain extreme multistability in coupled dynamical systems". <i>Physical Review E</i> , 2014 , 89, 066901	2.4	20
117	A search for the simplest chaotic partial differential equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 373, 2717-2721	2.3	20
116	Electron Cyclotron Heating in Toroidal Octupoles. <i>Physics of Fluids</i> , 1971 , 14, 1795		20
115	Ergodic time-reversible chaos for Gibbs' canonical oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2935-2940	2.3	19
114	Ergodicity of a singly-thermostated harmonic oscillator. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016 , 32, 234-240	3.7	19
113	Coexisting Infinite Equilibria and Chaos. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021 , 31, 2130014	2	19
112	Dynamical models of love. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 2004 , 8, 303-14	0.4	19
111	Deterministic time-reversible thermostats: chaos, ergodicity, and the zeroth law of thermodynamics. <i>Molecular Physics</i> , 2015 , 113, 2863-2872	1.7	18
110	A chaotic viewpoint on noise reduction from respiratory sounds. <i>Biomedical Signal Processing and Control</i> , 2014 , 10, 245-249	4.9	18
109	A MINIMAL 2-D QUADRATIC MAP WITH QUASI-PERIODIC ROUTE TO CHAOS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2008 , 18, 1567-1577	2	18
108	The effect of modulating a parameter in the logistic map. <i>Chaos</i> , 2008 , 18, 023119	3.3	17
107	How common is chaos?. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993 , 173, 21-24	3	17

106	Computer Calculations of Electron Cyclotron Heating in a Nonuniform Magnetic Field. <i>Physics of Fluids</i> , 1971 , 14, 2703		16
105	NARX prediction of some rare chaotic flows: Recurrent fuzzy functions approach. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 696-706	2.3	15
104	Controlling chaos in a high dimensional system with periodic parametric perturbations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999 , 254, 275-278	2.3	15
103	Using Rate of Divergence as an Objective Measure to Differentiate between Voice Signal Types Based on the Amount of Disorder in the Signal. <i>Journal of Voice</i> , 2017 , 31, 16-23	1.9	14
102	Extensions in dynamic models of happiness: effect of memory. <i>International Journal of Happiness and Development</i> , 2014 , 1, 344	0.4	14
101	ON THE DYNAMICS OF A NEW SIMPLE 2-D RATIONAL DISCRETE MAPPING. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011 , 21, 155-160	2	14
100	Harmonic Oscillators with Nonlinear Damping. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1730037	2	13
99	Trapping of gun-injected plasma by a tokamak. <i>Physical Review Letters</i> , 1986 , 57, 333-336	7.4	13
98	Comment on A hidden chaotic attractor in the classical Lorenz system. <i>Chaos, Solitons and Fractals</i> , 2018 , 113, 261-262	9.3	13
97	New Chaotic Regimes in the Lorenz and Chen Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015 , 25, 1550033	2	12
96	The Equivalence of Dissipation from Gibbs Entropy Production with Phase-Volume Loss in Ergodic Heat-Conducting Oscillators. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650089	2	12
95	DYNAMIC PATTERNS OF POSTURAL FLUCTUATIONS DURING QUIET STANDING: A RECURRENCE QUANTIFICATION APPROACH. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011 , 21, 1163-1172	2	12
94	Modified polynomial function model for reversed-field pinches. <i>Physics of Fluids B</i> , 1991 , 3, 1225-1231		12
93	Simplest chaotic system with a hyperbolic sine and its applications in DCSK scheme. <i>IET Communications</i> , 2018 , 12, 809-815	1.3	12
92	Studies of a reversed field pinch in a poloidal divertor configuration. <i>Nuclear Fusion</i> , 1989 , 29, 104-108	3.3	11
91	High power heating in the ion cyclotron range of frequencies in the Wisconsin Tokapole II. <i>Plasma Physics</i> , 1981 , 23, 679-691		11
90	Admittance Probe Method of Measuring Time Resolved Plasma Electron Temperatures. <i>Review of Scientific Instruments</i> , 1968 , 39, 1569-1570	1.7	11
89	Influence of a Toroidal Field on Plasma Confined in a Toroidal Octupole. <i>Physics of Fluids</i> , 1968 , 11, 1115		11

88	Polarity balance for attractor self-reproducing. <i>Chaos</i> , 2020 , 30, 063144	3.3	10
87	Nonequilibrium systems: hard disks and harmonic oscillators near and far from equilibrium. <i>Molecular Simulation</i> , 2016 , 42, 1300-1316	2	10
86	Strange attractor symmetric icons. <i>Computers and Graphics</i> , 1996 , 20, 325-332	1.8	10
85	How to Bridge Attractors and Repellers. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750149	2	9
84	When Two Dual Chaotic Systems Shake Hands. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450086	2	9
83	SIMPLEST 3D CONTINUOUS-TIME QUADRATIC SYSTEMS AS CANDIDATES FOR GENERATING MULTISCROLL CHAOTIC ATTRACTORS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350120	2	9
82	GENERATING 3-SCROLL ATTRACTORS FROM ONE CHUA CIRCUIT. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 135-144	2	9
81	THE DISCRETE HYPERCHAOTIC DOUBLE SCROLL. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009 , 19, 1023-1027	2	9
80	Anti-Newtonian dynamics. <i>American Journal of Physics</i> , 2009 , 77, 783-787	0.7	9
79	Simple models of complex chaotic systems. <i>American Journal of Physics</i> , 2008 , 76, 474-480	0.7	9
78	Hyperlabyrinth chaos: from chaotic walks to spatiotemporal chaos. <i>Chaos</i> , 2007 , 17, 023110	3.3	9
77	Wide Band Electrostatic Probes for Use in Tenuous Plasmas. <i>Review of Scientific Instruments</i> , 1966 , 37, 897-900	1.7	9
76	Hidden Attractors with Conditional Symmetry. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2030042	2	9
75	Biophilic fractals and the visual journey of organic screen-savers. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 2008 , 12, 117-29	0.4	9
74	IDENTIFICATION OF DYNAMIC PATTERNS OF BODY SWAY DURING QUIET STANDING: IS IT A NONLINEAR PROCESS?. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 1269-1278	2	8
73	Equilibrium studies of a poloidal divertor pinch with a reversed toroidal field. <i>Physics of Fluids</i> , 1987 , 30, 2155		8
72	Trapping of gun-injected plasma by a tokamak. <i>Physics of Fluids</i> , 1987 , 30, 2877-2884		8
71	Experimental demonstration of EB plasma divertor. <i>Physics of Fluids</i> , 1978 , 21, 2342		8

70	CHAOS IN A NONLINEAR ANALOG COMPUTER. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004 , 14, 2867-2873	2	7
69	Simple Programs Create 3-D Images. <i>Computers in Physics</i> , 1992 , 6, 132		7
68	Ion cyclotron resonance heating in the Wisconsin supported toroidal octupole. <i>Plasma Physics</i> , 1977 , 19, 945-957		7
67	Experimental Study of Axisymmetric Instability of Inverse-Dee and Square Tokamak Equilibria. <i>Physical Review Letters</i> , 1979 , 43, 36-39	7.4	7
66	Adaptive Runge-Kutta integration for stiff systems: Comparing Nosé and Nosé-Hoover dynamics for the harmonic oscillator. <i>American Journal of Physics</i> , 2016 , 84, 786-794	0.7	7
65	A symmetric pair of hyperchaotic attractors. <i>International Journal of Circuit Theory and Applications</i> , 2018 , 46, 2434-2443	2	7
64	Chaos in reversed-field-pinch plasma simulation and experiment. <i>Physical Review E</i> , 1994 , 49, 2291-2301	2.4	6
63	Predicting the dimension of strange attractors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994 , 192, 355-360	2.3	6
62	Studies of large, non-circular, reversed field pinch discharges. <i>Nuclear Fusion</i> , 1987 , 27, 1795-1803	3.3	6
61	Double Vortex Flows in Plasmas Axially Traversing Multipole Magnetic Fields. <i>Physics of Fluids</i> , 1969 , 12, 707		6
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