

# Christos K Volos

## List of Publications by Year in descending order

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Version: 2024-02-01

171  
papers

4,395  
citations

81839

39  
h-index

128225

60  
g-index

177  
all docs

177  
docs citations

177  
times ranked

1518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexistence of hidden chaotic attractors in a novel no-equilibrium system. <i>Nonlinear Dynamics</i> , 2017, 87, 2001-2010.	2.7	176
2	A novel memristive neural network with hidden attractors and its circuitry implementation. <i>Science China Technological Sciences</i> , 2016, 59, 358-363.	2.0	172
3	Constructing a Novel No-Equilibrium Chaotic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1450073.	0.7	167
4	Simple chaotic 3D flows with surfaces of equilibria. <i>Nonlinear Dynamics</i> , 2016, 86, 1349-1358.	2.7	126
5	A Novel No-Equilibrium Chaotic System with Multiwing Butterfly Attractors. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1550056.	0.7	119
6	Analysis and adaptive control of a novel 3-D conservative no-equilibrium chaotic system. <i>Archives of Control Sciences</i> , 2015, 25, 333-353.	1.7	118
7	A Chaotic System With Equilibria Located on the Rounded Square Loop and Its Circuit Implementation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016, 63, 878-882.	2.2	102
8	A no-equilibrium hyperchaotic system with a cubic nonlinear term. <i>Optik</i> , 2016, 127, 3259-3265.	1.4	102
9	A New Hyperchaotic System-Based Design for Efficient Bijective Substitution-Boxes. <i>Entropy</i> , 2018, 20, 525.	1.1	94
10	Adaptive backstepping control, synchronization and circuit simulation of a 3-D novel jerk chaotic system with two hyperbolic sinusoidal nonlinearities. <i>Archives of Control Sciences</i> , 2014, 24, 375-403.	1.7	91
11	Hyperchaos, adaptive control and synchronization of a novel 5-D hyperchaotic system with three positive Lyapunov exponents and its SPICE implementation. <i>Archives of Control Sciences</i> , 2014, 24, 409-446.	1.7	89
12	A simple chaotic circuit with a hyperbolic sine function and its use in a sound encryption scheme. <i>Nonlinear Dynamics</i> , 2017, 89, 1047-1061.	2.7	87
13	A simple three-dimensional fractional-order chaotic system without equilibrium: Dynamics, circuitry implementation, chaos control and synchronization. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 78, 220-227.	1.7	85
14	Analysis, adaptive control and synchronization of a novel 4-D hyperchaotic hyperjerk system and its SPICE implementation. <i>Archives of Control Sciences</i> , 2015, 25, 135-158.	1.7	82
15	Four-wing attractors in a novel chaotic system with hyperbolic sine nonlinearity. <i>Optik</i> , 2017, 131, 1071-1078.	1.4	78
16	A Novel Chaotic System without Equilibrium: Dynamics, Synchronization, and Circuit Realization. <i>Complexity</i> , 2017, 2017, 1-11.	0.9	77
17	A chaotic system with infinite equilibria located on a piecewise linear curve. <i>Optik</i> , 2016, 127, 9111-9117.	1.4	74
18	Dynamics and circuit realization of a no-equilibrium chaotic system with a boostable variable. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 78, 134-140.	1.7	70

#	ARTICLE	IF	CITATIONS
19	A New Fractional-Order Chaotic System with Different Families of Hidden and Self-Excited Attractors. <i>Entropy</i> , 2018, 20, 564.	1.1	70
20	Implementation and study of the nonlinear dynamics of a memristor-based Duffing oscillator. <i>Nonlinear Dynamics</i> , 2017, 87, 37-49.	2.7	69
21	Is that Really Hidden? The Presence of Complex Fixed-Points in Chaotic Flows with No Equilibria. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1450146.	0.7	68
22	Dynamics, FPGA realization and application of a chaotic system with an infinite number of equilibrium points. <i>Nonlinear Dynamics</i> , 2017, 89, 1129-1139.	2.7	68
23	Dynamics, circuit realization, control and synchronization of a hyperchaotic hyperjerk system with coexisting attractors. <i>Nonlinear Dynamics</i> , 2017, 89, 1673-1687.	2.7	60
24	Constructing Chaotic System With Multiple Coexisting Attractors. <i>IEEE Access</i> , 2019, 7, 24051-24056.	2.6	59
25	A New Chaotic System With Stable Equilibrium: From Theoretical Model to Circuit Implementation. <i>IEEE Access</i> , 2017, 5, 8851-8858.	2.6	57
26	A gallery of chaotic systems with an infinite number of equilibrium points. <i>Chaos, Solitons and Fractals</i> , 2016, 93, 58-63.	2.5	56
27	A Chaotic System with Different Families of Hidden Attractors. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650139.	0.7	55
28	A simple fractional-order chaotic system without equilibrium and its synchronization. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 86, 69-76.	1.7	52
29	Simulation and experimental validation of a non-equilibrium chaotic system. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110539.	2.5	52
30	Global Chaos Control of a Novel Nine-Term Chaotic System via Sliding Mode Control. <i>Studies in Computational Intelligence</i> , 2015, , 571-590.	0.7	52
31	Generating a Chaotic System with One Stable Equilibrium. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1750053.	0.7	50
32	A chaotic path planning generator based on logistic map and modulo tactics. <i>Robotics and Autonomous Systems</i> , 2020, 124, 103377.	3.0	49
33	A Novel Four-Dimensional Hyperchaotic Four-Wing System With a Saddle-Focus Equilibrium. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017, 64, 339-343.	2.2	48
34	A New RBF Neural Network-Based Fault-Tolerant Active Control for Fractional Time-Delayed Systems. <i>Electronics (Switzerland)</i> , 2021, 10, 1501.	1.8	48
35	From Wang-Chen System with Only One Stable Equilibrium to a New Chaotic System Without Equilibrium. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1750097.	0.7	46
36	A Novel Cubic Equilibrium Chaotic System with Coexisting Hidden Attractors: Analysis, and Circuit Implementation. <i>Journal of Circuits, Systems and Computers</i> , 2018, 27, 1850066.	1.0	46

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37	A Memristive Hyperchaotic System without Equilibrium. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	43
38	FSO links with diversity pointing errors and temporal broadening of the pulses over weak to strong atmospheric turbulence channels. Optik, 2016, 127, 3402-3409.	1.4	41
39	Different Families of Hidden Attractors in a New Chaotic System with Variable Equilibrium. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750138.	0.7	41
40	Modification of the Logistic Map Using Fuzzy Numbers with Application to Pseudorandom Number Generation and Image Encryption. Entropy, 2020, 22, 474.	1.1	38
41	A novel chaotic system with heart-shaped equilibrium and its circuital implementation. Optik, 2017, 131, 343-349.	1.4	37
42	Antimonotonicity, Crisis and Multiple Attractors in a Simple Memristive Circuit. Journal of Circuits, Systems and Computers, 2018, 27, 1850026.	1.0	37
43	A chaotic system with rounded square equilibrium and with no-equilibrium. Optik, 2017, 130, 365-371.	1.4	35
44	Bistable Hidden Attractors in a Novel Chaotic System with Hyperbolic Sine Equilibrium. Circuits, Systems, and Signal Processing, 2018, 37, 1028-1043.	1.2	34
45	Chaos synchronisation of continuous systems via scalar signal. , 2017, , .		33
46	A Two-Parameter Modified Logistic Map and Its Application to Random Bit Generation. Symmetry, 2020, 12, 829.	1.1	31
47	Hyperchaotic Attractor in a Novel Hyperjerk System with Two Nonlinearities. Circuits, Systems, and Signal Processing, 2018, 37, 613-635.	1.2	30
48	Dead-beat synchronization control in discrete-time chaotic systems. , 2017, , .		28
49	Simulation and experimental implementation of a lineâ€ equilibrium system without linear term. Chaos, Solitons and Fractals, 2019, 120, 213-221.	2.5	28
50	A Dream that has Come True: Chaos from a Nonlinear Circuit with a Real Memristor. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2030036.	0.7	28
51	A New 4D Hyperchaotic System with Dynamics Analysis, Synchronization, and Application to Image Encryption. Symmetry, 2022, 14, 424.	1.1	28
52	Wave propagation and spiral wave formation in a Hindmarshâ€Rose neuron model with fractional-order threshold memristor synaps. International Journal of Modern Physics B, 2020, 34, 2050157.	1.0	27
53	A Chaotic System with Infinite Number of Equilibria Located on an Exponential Curve and Its Chaos-Based Engineering Application. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850112.	0.7	26
54	A fractional system with five terms: analysis, circuit, chaos control and synchronization. International Journal of Electronics, 2019, 106, 109-120.	0.9	25

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55	Synchronization of Fractional Hyperchaotic Rabinovich Systems via Linear and Nonlinear Control with an Application to Secure Communications. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 2211-2219.	1.6	25
56	Analysis, Synchronization, and Robotic Application of a Modified Hyperjerk Chaotic System. <i>Complexity</i> , 2020, 2020, 1-15.	0.9	25
57	Control of a Symmetric Chaotic Supply Chain System Using a New Fixed-Time Super-Twisting Sliding Mode Technique Subject to Control Input Limitations. <i>Symmetry</i> , 2021, 13, 1257.	1.1	24
58	Hyperchaotic memristive system with hidden attractors and its adaptive control scheme. <i>Nonlinear Dynamics</i> , 2017, 90, 1681-1694.	2.7	24
59	A Chaotic Hyperjerk System Based on Memristive Device. <i>Studies in Computational Intelligence</i> , 2016, , 39-58.	0.7	23
60	Systems with Hidden Attractors. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , .	0.2	21
61	Construction of one-way hash functions with increased key space using adaptive chaotic maps. <i>Chaos, Solitons and Fractals</i> , 2020, 141, 110344.	2.5	21
62	Extreme multi-stability analysis of a novel 5D chaotic system with hidden attractors, line equilibrium, permutation entropy and its secure communication scheme. <i>European Physical Journal: Special Topics</i> , 2020, 229, 1175-1188.	1.2	21
63	Passivity based sliding mode control and synchronization of a perturbed uncertain unified chaotic system. <i>Mathematics and Computers in Simulation</i> , 2021, 181, 150-169.	2.4	21
64	On the dynamical investigation and synchronization of variable-order fractional neural networks: the Hopfield-like neural network model. <i>European Physical Journal: Special Topics</i> , 2022, 231, 1757-1769.	1.2	21
65	Cubature Kalman filter-based chaotic synchronization and image encryption. <i>Signal Processing: Image Communication</i> , 2017, 58, 35-48.	1.8	20
66	A Three-Dimensional No-Equilibrium Chaotic System: Analysis, Synchronization and Its Fractional Order Form. <i>Studies in Computational Intelligence</i> , 2017, , 449-470.	0.7	19
67	Dynamics and circuit of a chaotic system with a curve of equilibrium points. <i>International Journal of Electronics</i> , 2017, , 1-13.	0.9	18
68	New class of chaotic systems with equilibrium points like a three-leaved clover. <i>Nonlinear Dynamics</i> , 2018, 91, 939-956.	2.7	18
69	Memristive switching in ionic liquid-based two-terminal discrete devices. <i>Ionics</i> , 2019, 25, 5575-5583.	1.2	17
70	An Inverse Pheromone Approach in a Chaotic Mobile Robot's Path Planning Based on a Modified Logistic Map. <i>Technologies</i> , 2019, 7, 84.	3.0	17
71	Observer design for rectangular descriptor systems with incremental quadratic constraints and nonlinear outputs—Application to secure communications. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 8139-8158.	2.1	17
72	Experimental verification of the multi-scroll chaotic attractors synchronization in PWL arbitrary-order systems using direct coupling and passivity-based control. <i>The Integration VLSI Journal</i> , 2021, 81, 56-70.	1.3	16

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73	Fast synchronization of symmetric Hénon maps using adaptive symmetry control. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111732.	2.5	16
74	Dynamics, Synchronization and SPICE Implementation of a Memristive System with Hidden Hyperchaotic Attractor. <i>Studies in Fuzziness and Soft Computing</i> , 2016, , 35-52.	0.6	15
75	Analysis of a 4-D Hyperchaotic Fractional-Order Memristive System with Hidden Attractors. <i>Studies in Computational Intelligence</i> , 2017, , 207-235.	0.7	15
76	Dynamics, Circuit Design, and Synchronization of a New Chaotic System with Closed Curve Equilibrium. <i>Complexity</i> , 2017, 2017, 1-9.	0.9	15
77	A chaotic path planning generator enhanced by a memory technique. <i>Robotics and Autonomous Systems</i> , 2021, 143, 103826.	3.0	15
78	Fingerprint images encryption process based on a chaotic true random bits generator. <i>International Journal of Multimedia Intelligence and Security</i> , 2010, 1, 320.	0.1	14
79	Mixed Topology of DF Relayed Terrestrial Optical Wireless Links with Generalized Pointing Errors over Turbulence Channels. <i>Technologies</i> , 2018, 6, 121.	3.0	14
80	Improving chaos-based pseudo-random generators in finite-precision arithmetic. <i>Nonlinear Dynamics</i> , 2021, 104, 727-737.	2.7	14
81	A Chaotic System with an Infinite Number of Equilibrium Points: Dynamics, Horseshoe, and Synchronization. <i>Advances in Mathematical Physics</i> , 2016, 2016, 1-8.	0.4	13
82	A new transiently chaotic flow with ellipsoid equilibria. <i>Pramana - Journal of Physics</i> , 2018, 90, 1.	0.9	13
83	Analysis, Synchronization and Circuit Design of a 4D Hyperchaotic Hyperjerk System. <i>Computation</i> , 2018, 6, 14.	1.0	13
84	Distributed Consensus Tracking Control of Chaotic Multi-Agent Supply Chain Network: A New Fault-Tolerant, Finite-Time, and Chatter-Free Approach. <i>Entropy</i> , 2022, 24, 33.	1.1	13
85	Chaotic Path Planning for 3D Area Coverage Using a Pseudo-Random Bit Generator from a 1D Chaotic Map. <i>Mathematics</i> , 2021, 9, 1821.	1.1	12
86	Analysis of a Chaotic System with Line Equilibrium and Its Application to Secure Communications Using a Descriptor Observer. <i>Technologies</i> , 2019, 7, 76.	3.0	11
87	Analysis, Synchronization and Microcontroller Implementation of a New Quasiperiodically Forced Chaotic Oscillator with Megastability. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2020, 44, 31-45.	1.5	11
88	A Simple Chaotic Flow with Hyperbolic Sinusoidal Function and Its Application to Voice Encryption. <i>Symmetry</i> , 2020, 12, 2047.	1.1	11
89	Extreme Multistability in a Hyperjerk Memristive System With Hidden Attractors. , 2019, , 89-103.		10
90	Adaptive Control and Synchronization of a Memristor-Based Shinriki's System. <i>Studies in Computational Intelligence</i> , 2017, , 237-261.	0.7	9

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91	Dynamics, Synchronization and Fractional Order Form of a Chaotic System With Infinite Equilibria. , 2018, , 475-502.		9
92	Nonlinear Dynamics and Entropy of Complex Systems with Hidden and Self-Excited Attractors. Entropy, 2019, 21, 370.	1.1	9
93	A revisit to the past plague epidemic (India) versus the present COVID-19 pandemic: fractional-order chaotic models and fuzzy logic control. European Physical Journal: Special Topics, 2022, 231, 905-919.	1.2	9
94	Analysis, adaptive control and circuit simulation of a novel finance system with dissaving. Archives of Control Sciences, 2016, 26, 95-115.	1.7	8
95	A Chaotic Time-Delay System with Saturation Nonlinearity. International Journal of System Dynamics Applications, 2017, 6, 111-129.	0.3	8
96	Dual-Band RF-to-DC Rectifier with High Efficiency for RF Energy Harvesting Applications. , 2020, , .		8
97	Passivity based control and synchronization of perturbed uncertain chaotic systems and their microcontroller implementation. International Journal of Dynamics and Control, 2020, 8, 973-990.	1.5	8
98	Stabilization and Synchronization of a Complex Hidden Attractor Chaotic System by Backstepping Technique. Entropy, 2021, 23, 921.	1.1	8
99	A Novel 4-D Hyperchaotic Rikitake Dynamo System with Hidden Attractor, its Properties, Synchronization and Circuit Design. Studies in Systems, Decision and Control, 2018, , 345-364.	0.8	8
100	Experimental evidence of quint points and non-quantum chirality in a minimalist autonomous electronic oscillator. European Physical Journal Plus, 2022, 137, 1.	1.2	8
101	ANTI-PHASE AND INVERSE Ĥ-LAG SYNCHRONIZATION IN COUPLED DUFFING-TYPE CIRCUITS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2357-2368.	0.7	7
102	Hyperchaos, Control, Synchronization and Circuit Simulation of a Novel 4-D Hyperchaotic System with Three Quadratic Nonlinearities. Studies in Fuzziness and Soft Computing, 2016, , 297-325.	0.6	7
103	Text encryption device based on a chaotic random bit generator. , 2018, , .		7
104	A Chaotic Path Planning Method for 3D Area Coverage Using Modified Logistic Map and a Modulo Tactic. , 2020, , .		7
105	Adaptive Control, Synchronization and Circuit Simulation of a Memristor-Based Hyperchaotic System With Hidden Attractors. Studies in Computational Intelligence, 2017, , 101-130.	0.7	6
106	A hyperjerk memristive system with infinite equilibrium points. AIP Conference Proceedings, 2017, , .	0.3	6
107	A Novel Chaotic System with a Line Equilibrium: Analysis and Its Applications to Secure Communication and Random Bit Generation. Telecom, 2020, 1, 283-296.	1.6	6
108	Antimonotonicity, Hysteresis and Coexisting Attractors in a Shinriki Circuit with a Physical Memristor as a Nonlinear Resistor. Electronics (Switzerland), 2022, 11, 1920.	1.8	6

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109	A Hyperjerk Memristive System with Hidden Attractors. <i>Studies in Computational Intelligence</i> , 2017, , 59-80.	0.7	5
110	Master-Slave Synchronization of 4D Hyperchaotic Rabinovich Systems. <i>Complexity</i> , 2018, 2018, 1-9.	0.9	5
111	Underwater Optical Wireless Communications with Chromatic Dispersion and Time Jitter. <i>Computation</i> , 2019, 7, 35.	1.0	5
112	Synchronization of a Chaotic System with Line Equilibrium using a Descriptor Observer for Secure Communication. , 2019, , .		5
113	Iterative Learning and Fractional Order Control for Complex Systems. <i>Complexity</i> , 2019, 2019, 1-3.	0.9	5
114	Systems with Stable Equilibria. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , 21-35.	0.2	5
115	A New Fractional-Order Map with Infinite Number of Equilibria and Its Encryption Application. <i>Complexity</i> , 2022, 2022, 1-18.	0.9	5
116	AN UNIVERSAL PHENOMENON IN MUTUALLY COUPLED CHUA'S CIRCUIT FAMILY. <i>Journal of Circuits, Systems and Computers</i> , 2014, 23, 1450028.	1.0	4
117	Design of a Chaotic Random Bit Generator Using a Duffing - van der Pol System. <i>International Journal of System Dynamics Applications</i> , 2016, 5, 94-111.	0.3	4
118	Adaptive Backstepping Control, Synchronization and Circuit Simulation of a Novel Jerk Chaotic System with a Quartic Nonlinearity. <i>Studies in Computational Intelligence</i> , 2016, , 109-135.	0.7	4
119	A Three-Dimensional Chaotic System with Square Equilibrium and No-Equilibrium. <i>Studies in Computational Intelligence</i> , 2017, , 613-635.	0.7	4
120	Extreme multi-stability in hyperjerk memristive system with hidden attractors and its adaptive synchronisation scheme. <i>International Journal of Simulation and Process Modelling</i> , 2018, 13, 433.	0.1	4
121	Analysis, Synchronization and Microcontroller Implementation of a Generalized Hyperjerk System, with Application to Secure Communications Using a Descriptor Observer. , 2019, , .		4
122	The First Experimental Evidence of Chaos from a Nonlinear Circuit with a Real Memristor. , 2020, , .		4
123	Circuit Implementation of a Modified Chaotic System with Hyperbolic Sine Nonlinearities Using Bi-Color LED. <i>Technologies</i> , 2021, 9, 15.	3.0	4
124	High-Efficiency Triple-Band RF-to-DC Rectifier Primary Design for RF Energy-Harvesting Systems. <i>Telecom</i> , 2021, 2, 271-284.	1.6	4
125	A Novel Conservative Jerk Chaotic System With Two Cubic Nonlinearities and Its Adaptive Backstepping Control. <i>Studies in Computational Intelligence</i> , 2016, , 85-108.	0.7	3
126	A Memristive System with Hidden Attractors and Its Engineering Application. <i>Studies in Computational Intelligence</i> , 2017, , 81-99.	0.7	3



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127	A chaotic system with equilibria located on an open curve and its microcontroller implementation. , 2017, , .		3
128	New Trends on Modeling, Design, and Control of Chaotic Systems. Mathematical Problems in Engineering, 2017, 2017, 1-3.	0.6	3
129	Coverage Performance of a Chaotic Mobile Robot Using an Inverse Pheromone Model. , 2019, , .		3
130	Memristor-based Systems: Nonlinearity, Dynamics and Applications. European Physical Journal: Special Topics, 2019, 228, 1903-1906.	1.2	3
131	Nonlinear Dynamics and Entropy of Complex Systems with Hidden and Self-Excited Attractors II. Entropy, 2020, 22, 1428.	1.1	3
132	Observers for rectangular descriptor systems with output nonlinearities: application to secure communications and microcontroller implementation. International Journal of Dynamics and Control, 2021, 9, 530-540.	1.5	3
133	Chaotic Motion Control of a Mobile Robot Using a Memory Technique. , 2020, , .		3
134	Predictive control and synchronization of uncertain perturbed chaotic permanent-magnet synchronous generator and its microcontroller implementation. European Physical Journal: Special Topics, 2022, 231, 443-451.	1.2	3
135	Discrete Chaotic Dynamics for Economics and Social Science. Discrete Dynamics in Nature and Society, 2016, 2016, 1-2.	0.5	2
136	A 4D Hyperjerk memristive system with hidden attractors. , 2017, , .		2
137	Systems Without Equilibrium. SpringerBriefs in Applied Sciences and Technology, 2017, , 51-63.	0.2	2
138	Dynamics, Circuit Design, Synchronization, and Fractional-Order Form of a No-Equilibrium Chaotic System. , 2018, , 1-31.		2
139	Advanced Topics in Modeling, Bifurcation Analysis, and Control Theory of Complex Systems. Complexity, 2018, 2018, 1-3.	0.9	2
140	Memristor-based novel 4D chaotic system without equilibria. , 2021, , 183-205.		2
141	4-D Memristive Chaotic System with Different Families of Hidden Attractors. Studies in Systems, Decision and Control, 2018, , 403-432.	0.8	2
142	A Novel Chaotic System with Application to Secure Communications. , 2020, , .		2
143	Chaos in a memristive oscillator with six lines of equilibria. European Physical Journal: Special Topics, 2022, 231, 3059-3065.	1.2	2
144	Êhe Study of Square Periodic Perturbations as an Immunotherapy Process on a Tumor Growth Chaotic Model. Dynamics, 2022, 2, 161-174.	0.5	2

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145	A 4-D Hyperchaotic Memristive Dynamical System. MATEC Web of Conferences, 2016, 76, 02047.	0.1	1
146	Adaptive Control and Circuit Simulation of a Novel 4-D Hyperchaotic System with Two Quadratic Nonlinearities. Studies in Computational Intelligence, 2016, , 163-187.	0.7	1
147	Chaotic behaviors in a system with a line equilibrium. , 2019, , .		1
148	Chaos in a System With Parabolic Equilibrium. , 2019, , 41-61.		1
149	Motion Control of a Mobile Robot Based on a Chaotic Iterative Map. , 2020, , .		1
150	Discrete Time Chaotic Maps With Application to Random Bit Generation. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 542-582.	0.5	1
151	Chaotic Attractor in a Novel Time-Delayed System with a Saturation Function. Advances in Computational Intelligence and Robotics Book Series, 2015, , 230-258.	0.4	1
152	Design of a Chaotic Random Bit Generator Using a Duffing - van der Pol System. , 0, , 841-860.		1
153	Hidden Attractors in a Dynamical System with a Sine Function. Emergence, Complexity and Computation, 2021, , 459-487.	0.2	1
154	Modification of the Quantum Logistic Map with Application in Pseudo-Random Bit Generation and Image Encryption. , 2022, , 85-110.		1
155	Implementation of a Hyperchaotic System with Hidden Attractors into a Microcontroller. MATEC Web of Conferences, 2016, 76, 02048.	0.1	0
156	Circuitry realization of a novel simple chaotic generator with signum nonlinearity. , 2016, , .		0
157	A novel 4-D hyperchaotic four-wing memristive system. , 2016, , .		0
158	Circuit realization of a fractional-order chaotic jerk system. , 2017, , .		0
159	Theoretical and Computational Advances in Nonlinear Dynamical Systems 2018. Advances in Mathematical Physics, 2018, 2018, 1-3.	0.4	0
160	Corrigendum to "Advanced Topics in Modeling, Bifurcation Analysis, and Control Theory of Complex Systems" Complexity, 2019, 2019, 1-1.	0.9	0
161	A New Fractional-Order Map and Its Control. , 2019, , .		0
162	On Fractional Forms of Modified and Generalized Arnold Mappings. , 2019, , .		0

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163	Predictive Control of a Fractional Order Delayed Chaotic System with Circuit Implementation. , 2019, , .		0
164	A Chaotic Circuit with Bi-Color LED as a Nonlinear Element. , 2020, , .		0
165	Memristor, mem-systems and neuromorphic applications: a review. , 2021, , 265-285.		0
166	Editorial for the Launching of Dynamics. Dynamics, 2021, 1, 18-21.	0.5	0
167	Emulating a Chaotic Economic Model By Using A Microcontroller. , 2021, , .		0
168	Radio Frequency Chaotic Circuit Design. Advances in Computer and Electrical Engineering Book Series, 2015, , 364-398.	0.2	0
169	Random Bit Generator Based on Non-Autonomous Chaotic Systems. Advances in Computational Intelligence and Robotics Book Series, 2015, , 203-229.	0.4	0
170	Systems with an Infinite Number of Equilibrium Points. SpringerBriefs in Applied Sciences and Technology, 2017, , 37-50.	0.2	0
171	Chaotic behaviors in a system with stable equilibrium. World Scientific Series on Nonlinear Science, Series B, 2019, , 75-79.	0.2	0