

Christos K Volos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

154
papers

3,364
citations

34
h-index

53
g-index

177
ext. papers

3,930
ext. citations

2.2
avg, IF

6.02
L-index

#	Paper	IF	Citations
154	Experimental evidence of quint points and non-quantum chirality in a minimalist autonomous electronic oscillator. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	2
153	Fast synchronization of symmetric Hénon maps using adaptive symmetry control. <i>Chaos, Solitons and Fractals</i> , 2022 , 155, 111732	9.3	3
152	Adaptive Chaotic Maps in Cryptography Applications. <i>Studies in Big Data</i> , 2022 , 193-205	0.9	
151	A New 4D Hyperchaotic System with Dynamics Analysis, Synchronization, and Application to Image Encryption. <i>Symmetry</i> , 2022 , 14, 424	2.7	0
150	A New Fractional-Order Map with Infinite Number of Equilibria and Its Encryption Application. <i>Complexity</i> , 2022 , 2022, 1-18	1.6	0
149	Modification of the Quantum Logistic Map with Application in Pseudo-Random Bit Generation and Image Encryption 2022 , 85-110		
148	Distributed Consensus Tracking Control of Chaotic Multi-Agent Supply Chain Network: A New Fault-Tolerant, Finite-Time, and Chatter-Free Approach.. <i>Entropy</i> , 2021 , 24,	2.8	3
147	Hidden Attractors in a Dynamical System with a Sine Function. <i>Emergence, Complexity and Computation</i> , 2021 , 459-487	0.1	
146	A New RBF Neural Network-Based Fault-Tolerant Active Control for Fractional Time-Delayed Systems. <i>Electronics (Switzerland)</i> , 2021 , 10, 1501	2.6	17
145	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	2.7	10
144	Observers for rectangular descriptor systems with output nonlinearities: application to secure communications and microcontroller implementation. <i>International Journal of Dynamics and Control</i> , 2021 , 9, 530-540	1.7	2
143	Simulation and experimental validation of a non-equilibrium chaotic system. <i>Chaos, Solitons and Fractals</i> , 2021 , 143, 110539	9.3	26
142	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	3.3	10
141	Memristor-based novel 4D chaotic system without equilibria: Analysis and projective synchronization 2021 , 183-205		0
140	Discrete Time Chaotic Maps With Application to Random Bit Generation. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2021 , 542-582	0.4	
139	Memristor, mem-systems and neuromorphic applications: a review 2021 , 265-285		
138	Improving chaos-based pseudo-random generators in finite-precision arithmetic. <i>Nonlinear Dynamics</i> , 2021 , 104, 727-737	5	8

137	Circuit Implementation of a Modified Chaotic System with Hyperbolic Sine Nonlinearities Using Bi-Color LED. <i>Technologies</i> , 2021 , 9, 15	2.4	1
136	High-Efficiency Triple-Band RF-to-DC Rectifier Primary Design for RF Energy-Harvesting Systems. <i>Telecom</i> , 2021 , 2, 271-284	1.8	1
135	Chaotic Path Planning for 3D Area Coverage Using a Pseudo-Random Bit Generator from a 1D Chaotic Map. <i>Mathematics</i> , 2021 , 9, 1821	2.3	3
134	A chaotic path planning generator enhanced by a memory technique. <i>Robotics and Autonomous Systems</i> , 2021 , 143, 103826	3.5	3
133	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	1.4	5
132	A revisit to the past plague epidemic (India) versus the present COVID-19 pandemic: fractional-order chaotic models and fuzzy logic control.. <i>European Physical Journal: Special Topics</i> , 2021 , 1-15	2.3	3
131	A Simple Chaotic Flow with Hyperbolic Sinusoidal Function and Its Application to Voice Encryption. <i>Symmetry</i> , 2020 , 12, 2047	2.7	6
130	A Novel Chaotic System with a Line Equilibrium: Analysis and Its Applications to Secure Communication and Random Bit Generation. <i>Telecom</i> , 2020 , 1, 283-296	1.8	1
129	A Dream that has Come True: Chaos from a Nonlinear Circuit with a Real Memristor. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2030036	2	12
128	A Two-Parameter Modified Logistic Map and Its Application to Random Bit Generation. <i>Symmetry</i> , 2020 , 12, 829	2.7	16
127	Wave propagation and spiral wave formation in a HindmarshRose neuron model with fractional-order threshold memristor synaps. <i>International Journal of Modern Physics B</i> , 2020 , 34, 2050157 ¹	1.7	11
126	Passivity based control and synchronization of perturbed uncertain chaotic systems and their microcontroller implementation. <i>International Journal of Dynamics and Control</i> , 2020 , 8, 973-990	1.7	5
125	Analysis, Synchronization, and Robotic Application of a Modified Hyperjerk Chaotic System. <i>Complexity</i> , 2020 , 2020, 1-15	1.6	11
124	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	2.3	9
123	Modification of the Logistic Map Using Fuzzy Numbers with Application to Pseudorandom Number Generation and Image Encryption. <i>Entropy</i> , 2020 , 22,	2.8	17
122	A chaotic path planning generator based on logistic map and modulo tactics. <i>Robotics and Autonomous Systems</i> , 2020 , 124, 103377	3.5	22
121	Construction of one-way hash functions with increased key space using adaptive chaotic maps. <i>Chaos, Solitons and Fractals</i> , 2020 , 141, 110344	9.3	12
120	The First Experimental Evidence of Chaos from a Nonlinear Circuit with a Real Memristor 2020 ,		3

119	Observer design for rectangular descriptor systems with incremental quadratic constraints and nonlinear outputsApplication to secure communications. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8139-8158	3.6	5
118	Dual-Band RF-to-DC Rectifier with High Efficiency for RF Energy Harvesting Applications 2020 ,		3
117	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	1.9	8
116	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	2.9	15
115	Memristive switching in ionic liquidBased two-terminal discrete devices. <i>Ionics</i> , 2019 , 25, 5575-5583	2.7	11
114	Iterative Learning and Fractional Order Control for Complex Systems. <i>Complexity</i> , 2019 , 2019, 1-3	1.6	3
113	Constructing Chaotic System With Multiple Coexisting Attractors. <i>IEEE Access</i> , 2019 , 7, 24051-24056	3.5	47
112	Extreme Multistability in a Hyperjerk Memristive System With Hidden Attractors 2019 , 89-103		8
111	Chaos in a System With Parabolic Equilibrium 2019 , 41-61		1
110	Simulation and experimental implementation of a lineEquilibrium system without linear term. <i>Chaos, Solitons and Fractals</i> , 2019 , 120, 213-221	9.3	22
109	A fractional system with five terms: analysis, circuit, chaos control and synchronization. <i>International Journal of Electronics</i> , 2019 , 106, 109-120	1.2	19
108	Corrigendum to Advanced Topics in Modeling, Bifurcation Analysis, and Control Theory of Complex SystemsComplexity, 2019 , 2019, 1-1	1.6	
107	Chaotic behaviors in a system with a line equilibrium 2019 ,		1
106	Underwater Optical Wireless Communications with Chromatic Dispersion and Time Jitter. <i>Computation</i> , 2019 , 7, 35	2.2	4
105	Synchronization of a Chaotic System with Line Equilibrium using a Descriptor Observer for Secure Communication 2019 ,		2
104	Analysis of a Chaotic System with Line Equilibrium and Its Application to Secure Communications Using a Descriptor Observer. <i>Technologies</i> , 2019 , 7, 76	2.4	8
103	Chaotic behaviors in a system with stable equilibrium. <i>World Scientific Series on Nonlinear Science, Series B</i> , 2019 , 75-79	0.3	
102	Analysis, Synchronization and Microcontroller Implementation of a Generalized Hyperjerk System, with Application to Secure Communications Using a Descriptor Observer 2019 ,		2

101	An Inverse Pheromone Approach in a Chaotic Mobile Robot Path Planning Based on a Modified Logistic Map. <i>Technologies</i> , 2019 , 7, 84	2.4	10
100	A simple fractional-order chaotic system without equilibrium and its synchronization. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 86, 69-76	2.8	42
99	A new transiently chaotic flow with ellipsoid equilibria 2018 , 90, 1		11
98	Hyperchaotic Attractor in a Novel Hyperjerk System with Two Nonlinearities. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 613-635	2.2	23
97	Antimonotonicity, Crisis and Multiple Attractors in a Simple Memristive Circuit. <i>Journal of Circuits, Systems and Computers</i> , 2018 , 27, 1850026	0.9	28
96	Bistable Hidden Attractors in a Novel Chaotic System with Hyperbolic Sine Equilibrium. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 1028-1043	2.2	27
95	Text encryption device based on a chaotic random bit generator 2018 ,		3
94	Advanced Topics in Modeling, Bifurcation Analysis, and Control Theory of Complex Systems. <i>Complexity</i> , 2018 , 2018, 1-3	1.6	1
93	Analysis, Synchronization and Circuit Design of a 4D Hyperchaotic Hyperjerk System. <i>Computation</i> , 2018 , 6, 14	2.2	10
92	A New Hyperchaotic System-Based Design for Efficient Bijective Substitution-Boxes. <i>Entropy</i> , 2018 , 20,	2.8	67
91	A New Fractional-Order Chaotic System with Different Families of Hidden and Self-Excited Attractors. <i>Entropy</i> , 2018 , 20,	2.8	52
90	Dynamics, Synchronization and Fractional Order Form of a Chaotic System With Infinite Equilibria 2018 , 475-502		6
89	A Novel 4-D Hyperchaotic Rikitake Dynamo System with Hidden Attractor, its Properties, Synchronization and Circuit Design. <i>Studies in Systems, Decision and Control</i> , 2018 , 345-364	0.8	7
88	4-D Memristive Chaotic System with Different Families of Hidden Attractors. <i>Studies in Systems, Decision and Control</i> , 2018 , 403-432	0.8	1
87	New class of chaotic systems with equilibrium points like a three-leaved clover. <i>Nonlinear Dynamics</i> , 2018 , 91, 939-956	5	17
86	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	0.9	37
85	Mixed Topology of DF Relayed Terrestrial Optical Wireless Links with Generalized Pointing Errors over Turbulence Channels. <i>Technologies</i> , 2018 , 6, 121	2.4	7
84	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	0.4	4

83	Dynamics, Circuit Design, Synchronization, and Fractional-Order Form of a No-Equilibrium Chaotic System 2018 , 1-31		1
82	A Chaotic System with Infinite Number of Equilibria Located on an Exponential Curve and Its Chaos-Based Engineering Application. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850112	2	19
81	Theoretical and Computational Advances in Nonlinear Dynamical Systems 2018. <i>Advances in Mathematical Physics</i> , 2018 , 2018, 1-3	1.1	
80	Master-Slave Synchronization of 4D Hyperchaotic Rabinovich Systems. <i>Complexity</i> , 2018 , 2018, 1-9	1.6	4
79	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	3.5	37
78	Adaptive Control and Synchronization of a Memristor-Based Shinriki System. <i>Studies in Computational Intelligence</i> , 2017 , 237-261	0.8	8
77	A Hyperjerk Memristive System with Hidden Attractors. <i>Studies in Computational Intelligence</i> , 2017 , 59-80.	0.8	2
76	A Memristive System with Hidden Attractors and Its Engineering Application. <i>Studies in Computational Intelligence</i> , 2017 , 81-99	0.8	2
75	Analysis of a 4-D Hyperchaotic Fractional-Order Memristive System with Hidden Attractors. <i>Studies in Computational Intelligence</i> , 2017 , 207-235	0.8	14
74	Adaptive Control, Synchronization and Circuit Simulation of a Memristor-Based Hyperchaotic System With Hidden Attractors. <i>Studies in Computational Intelligence</i> , 2017 , 101-130	0.8	5
73	Systems with Hidden Attractors. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 ,	0.4	19
72	A Three-Dimensional No-Equilibrium Chaotic System: Analysis, Synchronization and Its Fractional Order Form. <i>Studies in Computational Intelligence</i> , 2017 , 449-470	0.8	17
71	A Three-Dimensional Chaotic System with Square Equilibrium and No-Equilibrium. <i>Studies in Computational Intelligence</i> , 2017 , 613-635	0.8	4
70	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	2.8	69
69	Generating a Chaotic System with One Stable Equilibrium. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750053	2	45
68	Dynamics, circuit realization, control and synchronization of a hyperchaotic hyperjerk system with coexisting attractors. <i>Nonlinear Dynamics</i> , 2017 , 89, 1673-1687	5	49
67	A New Chaotic System With Stable Equilibrium: From Theoretical Model to Circuit Implementation. <i>IEEE Access</i> , 2017 , 5, 8851-8858	3.5	45
66	A chaotic system with equilibria located on an open curve and its microcontroller implementation 2017 ,		2

65	Dead-beat synchronization control in discrete-time chaotic systems 2017 ,		27
64	Chaos synchronisation of continuous systems via scalar signal 2017 ,		32
63	A 4D Hyperjerk memristive system with hidden attractors 2017 ,		2
62	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	2.8	65
61	Dynamics, FPGA realization and application of a chaotic system with an infinite number of equilibrium points. <i>Nonlinear Dynamics</i> , 2017 , 89, 1129-1139	5	60
60	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	5	72
59	Synchronization of Systems with Hidden Attractors. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 , 65-77	0.4	
58	Systems Without Equilibrium. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 , 51-63	0.4	2
57	Four-wing attractors in a novel chaotic system with hyperbolic sine nonlinearity. <i>Optik</i> , 2017 , 131, 1071-1078	1.1	70
56	New Trends on Modeling, Design, and Control of Chaotic Systems. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-3	1.1	3
55	A Novel Chaotic System without Equilibrium: Dynamics, Synchronization, and Circuit Realization. <i>Complexity</i> , 2017 , 2017, 1-11	1.6	68
54	Dynamics, Circuit Design, and Synchronization of a New Chaotic System with Closed Curve Equilibrium. <i>Complexity</i> , 2017 , 2017, 1-9	1.6	12
53	A Chaotic Time-Delay System with Saturation Nonlinearity. <i>International Journal of System Dynamics Applications</i> , 2017 , 6, 111-129	0.7	6
52	Different Families of Hidden Attractors in a New Chaotic System with Variable Equilibrium. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750138	2	37
51	A hyperjerk memristive system with infinite equilibrium points 2017 ,		5
50	Dynamics and circuit of a chaotic system with a curve of equilibrium points. <i>International Journal of Electronics</i> , 2017 , 1-13	1.2	15
49	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	2	34
48	Cubature Kalman filter-based chaotic synchronization and image encryption. <i>Signal Processing: Image Communication</i> , 2017 , 58, 35-48	2.8	16

47	A chaotic system with rounded square equilibrium and with no-equilibrium. <i>Optik</i> , 2017 , 130, 365-371	2.5	32
46	Coexistence of hidden chaotic attractors in a novel no-equilibrium system. <i>Nonlinear Dynamics</i> , 2017 , 87, 2001-2010	5	148
45	Implementation and study of the nonlinear dynamics of a memristor-based Duffing oscillator. <i>Nonlinear Dynamics</i> , 2017 , 87, 37-49	5	57
44	A novel chaotic system with heart-shaped equilibrium and its circuital implementation. <i>Optik</i> , 2017 , 131, 343-349	2.5	30
43	Circuitry Realization. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 , 79-102	0.4	3
42	Hyperchaotic memristive system with hidden attractors and its adaptive control scheme. <i>Nonlinear Dynamics</i> , 2017 , 90, 1681-1694	5	21
41	Systems with an Infinite Number of Equilibrium Points. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 , 37-50	0.4	
40	Systems with Stable Equilibria. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 , 21-35	0.4	4
39	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	0.7	4
38	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	3.5	95
37	A no-equilibrium hyperchaotic system with a cubic nonlinear term. <i>Optik</i> , 2016 , 127, 3259-3265	2.5	94
36	FSO links with diversity pointing errors and temporal broadening of the pulses over weak to strong atmospheric turbulence channels. <i>Optik</i> , 2016 , 127, 3402-3409	2.5	27
35	A novel memristive neural network with hidden attractors and its circuitry implementation. <i>Science China Technological Sciences</i> , 2016 , 59, 358-363	3.5	126
34	Discrete Chaotic Dynamics for Economics and Social Science. <i>Discrete Dynamics in Nature and Society</i> , 2016 , 2016, 1-2	1.1	2
33	A Chaotic System with an Infinite Number of Equilibrium Points: Dynamics, Horseshoe, and Synchronization. <i>Advances in Mathematical Physics</i> , 2016 , 2016, 1-8	1.1	12
32	A chaotic system with infinite equilibria located on a piecewise linear curve. <i>Optik</i> , 2016 , 127, 9111-9117	2.5	72
31	A 4-D Hyperchaotic Memristive Dynamical System. <i>MATEC Web of Conferences</i> , 2016 , 76, 02047	0.3	1
30	Implementation of a Hyperchaotic System with Hidden Attractors into a Microcontroller. <i>MATEC Web of Conferences</i> , 2016 , 76, 02048	0.3	

29	A Chaotic Hyperjerk System Based on Memristive Device. <i>Studies in Computational Intelligence</i> , 2016 , 39-58	0.8	21
28	A Novel Conservative Jerk Chaotic System With Two Cubic Nonlinearities and Its Adaptive Backstepping Control. <i>Studies in Computational Intelligence</i> , 2016 , 85-108	0.8	3
27	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	0.8	2
26	Adaptive Control and Circuit Simulation of a Novel 4-D Hyperchaotic System with Two Quadratic Nonlinearities. <i>Studies in Computational Intelligence</i> , 2016 , 163-187	0.8	1
25	Analysis, adaptive control and circuit simulation of a novel finance system with dissaving. <i>Archives of Control Sciences</i> , 2016 , 26, 95-115		6
24	Dynamics, Synchronization and SPICE Implementation of a Memristive System with Hidden Hyperchaotic Attractor. <i>Studies in Fuzziness and Soft Computing</i> , 2016 , 35-52	0.7	15
23	Hyperchaos, Control, Synchronization and Circuit Simulation of a Novel 4-D Hyperchaotic System with Three Quadratic Nonlinearities. <i>Studies in Fuzziness and Soft Computing</i> , 2016 , 297-325	0.7	7
22	A gallery of chaotic systems with an infinite number of equilibrium points. <i>Chaos, Solitons and Fractals</i> , 2016 , 93, 58-63	9.3	50
21	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	2	50
20	Simple chaotic 3D flows with surfaces of equilibria. <i>Nonlinear Dynamics</i> , 2016 , 86, 1349-1358	5	104
19	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	2	104
18	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		73
17	Analysis and adaptive control of a novel 3-D conservative no-equilibrium chaotic system. <i>Archives of Control Sciences</i> , 2015 , 25, 333-353		99
16	Chaotic Attractor in a Novel Time-Delayed System with a Saturation Function. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2015 , 230-258	0.4	1
15	Global Chaos Control of a Novel Nine-Term Chaotic System via Sliding Mode Control. <i>Studies in Computational Intelligence</i> , 2015 , 571-590	0.8	44
14	Multi-scroll Chaotic Oscillator Based on a First-Order Delay Differential Equation. <i>Studies in Computational Intelligence</i> , 2015 , 59-72	0.8	14
13	Radio Frequency Chaotic Circuit Design. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2015 , 364-398	0.3	
12	Random Bit Generator Based on Non-Autonomous Chaotic Systems. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2015 , 203-229	0.4	

11	Constructing a Novel No-Equilibrium Chaotic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450073	2	140
10	A memristive hyperchaotic system without equilibrium. <i>Scientific World Journal, The</i> , 2014 , 2014, 368986.2	2	38
9	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	2	64
8	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	2	78
7	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	2	82
6	AN UNIVERSAL PHENOMENON IN MUTUALLY COUPLED CHUA'S CIRCUIT FAMILY. <i>Journal of Circuits, Systems and Computers</i> , 2014 , 23, 1450028	0.9	4
5	ANTI-PHASE AND INVERSE FLAG SYNCHRONIZATION IN COUPLED DUFFING-TYPE CIRCUITS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011 , 21, 2357-2368	2	7
4	Fingerprint images encryption process based on a chaotic true random bits generator. <i>International Journal of Multimedia Intelligence and Security</i> , 2010 , 1, 320	0.4	12
3	Predictive control and synchronization of uncertain perturbed chaotic permanent-magnet synchronous generator and its microcontroller implementation. <i>European Physical Journal: Special Topics</i> ,1	2.3	1
2	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> ,1	2.3	0
1	Design of a Chaotic Random Bit Generator Using a Duffing - van der Pol System841-860		1