

Viet-Thanh Pham

List of Publications by Citations

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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.

218
papers

5,019
citations

43
h-index

60
g-index

228
ext. papers

5,869
ext. citations

2.3
avg, IF

6.4
L-index

#	Paper	IF	Citations
218	Coexistence of hidden chaotic attractors in a novel no-equilibrium system. <i>Nonlinear Dynamics</i> , 2017 , 87, 2001-2010	5	148
217	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
216	Multiscroll Chaotic Sea Obtained from a Simple 3D System Without Equilibrium. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650031	2	138
215	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
214	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
213	Simple chaotic 3D flows with surfaces of equilibria. <i>Nonlinear Dynamics</i> , 2016 , 86, 1349-1358	5	104
212	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
211	A no-equilibrium hyperchaotic system with a cubic nonlinear term. <i>Optik</i> , 2016 , 127, 3259-3265	2.5	94
210	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
209	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		82
208	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		78
207	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
206	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
205	A chaotic system with infinite equilibria located on a piecewise linear curve. <i>Optik</i> , 2016 , 127, 9111-9117	2.5	72
204	Four-wing attractors in a novel chaotic system with hyperbolic sine nonlinearity. <i>Optik</i> , 2017 , 131, 1071-1078		70
203	A Chaotic System with Different Shapes of Equilibria. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650069	2	70
202	Chameleon: the most hidden chaotic flow. <i>Nonlinear Dynamics</i> , 2017 , 88, 2303-2317	5	69

201	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
200	A Novel Chaotic System without Equilibrium: Dynamics, Synchronization, and Circuit Realization. <i>Complexity</i> , 2017 , 2017, 1-11	1.6	68
199	Bifurcation analysis and circuit realization for multiple-delayed Wang-Chen system with hidden chaotic attractors. <i>Nonlinear Dynamics</i> , 2016 , 85, 1635-1650	5	68
198	Three-Dimensional Chaotic Autonomous System with a Circular Equilibrium: Analysis, Circuit Implementation and Its Fractional-Order Form. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 1933-1948	2.3	67
197	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
196	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
195	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
194	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
193	S-Box Based Image Encryption Application Using a Chaotic System without Equilibrium. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 781	2.6	60
192	On fractional-order discrete-time systems: Chaos, stabilization and synchronization. <i>Chaos, Solitons and Fractals</i> , 2019 , 119, 150-162	9.3	59
191	A New Cost Function for Parameter Estimation of Chaotic Systems Using Return Maps as Fingerprints. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450134	2	58
190	Entropy Analysis and Neural Network-Based Adaptive Control of a Non-Equilibrium Four-Dimensional Chaotic System with Hidden Attractors. <i>Entropy</i> , 2019 , 21,	2.8	55
189	A New Chaotic Flow with Hidden Attractor: The First Hyperjerk System with No Equilibrium. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018 , 73, 239-249	1.4	55
188	A new hidden chaotic attractor with extreme multi-stability. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 89, 131-135	2.8	54
187	The Relationship Between Chaotic Maps and Some Chaotic Systems with Hidden Attractors. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650211	2	54
186	A new nonlinear oscillator with infinite number of coexisting hidden and self-excited attractors. <i>Chinese Physics B</i> , 2018 , 27, 040502	1.2	53
185	A Modified Multistable Chaotic Oscillator. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850085	2	52
184	Using chaotic artificial neural networks to model memory in the brain. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 44, 449-459	3.7	50

183	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
182	Dynamics, circuit realization, control and synchronization of a hyperchaotic hyperjerk system with coexisting attractors. <i>Nonlinear Dynamics</i> , 2017 , 89, 1673-1687	5	49
181	Chaos-based application of a novel no-equilibrium chaotic system with coexisting attractors. <i>Nonlinear Dynamics</i> , 2017 , 89, 1877-1887	5	48
180	A chaotic system with an infinite number of equilibrium points located on a line and on a hyperbola and its fractional-order form. <i>Chaos, Solitons and Fractals</i> , 2017 , 99, 209-218	9.3	46
179	A hyperchaotic memristor oscillator with fuzzy based chaos control and LQR based chaos synchronization. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 94, 55-68	2.8	46
178	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
177	A New Chaotic System With Stable Equilibrium: From Theoretical Model to Circuit Implementation. <i>IEEE Access</i> , 2017 , 5, 8851-8858	3.5	45
176	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
175	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
174	On the dynamics, control and synchronization of fractional-order Ikeda map. <i>Chaos, Solitons and Fractals</i> , 2019 , 123, 108-115	9.3	39
173	A new four-dimensional system containing chaotic or hyper-chaotic attractors with no equilibrium, a line of equilibria and unstable equilibria. <i>Chaos, Solitons and Fractals</i> , 2018 , 111, 108-118	9.3	39
172	A memristive hyperchaotic system without equilibrium. <i>Scientific World Journal, The</i> , 2014 , 2014, 3689862.2	2	38
171	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
170	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
169	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
168	A new oscillator with infinite coexisting asymmetric attractors. <i>Chaos, Solitons and Fractals</i> , 2018 , 110, 252-258	9.3	36
167	A new fractional-order hyperchaotic memristor oscillator: Dynamic analysis, robust adaptive synchronization, and its application to voice encryption. <i>Applied Mathematics and Computation</i> , 2020 , 383, 125310	2.7	35
166	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

165	SIMPLE MEMRISTIVE TIME-DELAY CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350073	2	34
164	A Chaotic System with Infinite Equilibria and Its S-Box Constructing Application. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2132	2.6	34
163	A no-equilibrium memristive system with four-wing hyperchaotic attractor. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 95, 207-215	2.8	33
162	Chaos synchronisation of continuous systems via scalar signal 2017 ,		32
161	A chaotic system with rounded square equilibrium and with no-equilibrium. <i>Optik</i> , 2017 , 130, 365-371	2.5	32
160	An adaptive observer synchronization using chaotic time-delay system for secure communication. <i>Nonlinear Dynamics</i> , 2017 , 90, 2583-2598	5	31
159	A novel chaotic system with heart-shaped equilibrium and its circuital implementation. <i>Optik</i> , 2017 , 131, 343-349	2.5	30
158	A Chaotic System with Two Stable Equilibrium Points: Dynamics, Circuit Realization and Communication Application. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750130	2	29
157	Antimonotonicity, Crisis and Multiple Attractors in a Simple Memristive Circuit. <i>Journal of Circuits, Systems and Computers</i> , 2018 , 27, 1850026	0.9	28
156	Dead-beat synchronization control in discrete-time chaotic systems 2017 ,		27
155	The fractional form of a new three-dimensional generalized Hénon map. <i>Advances in Difference Equations</i> , 2019 , 2019,	3.6	27
154	A chaotic jerk system with non-hyperbolic equilibrium: Dynamics, effect of time delay and circuit realisation 2018 , 90, 1		27
153	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
152	Constructing a Chaotic System with an Infinite Number of Equilibrium Points. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650225	2	27
151	Analysis, synchronisation and circuit design of a new highly nonlinear chaotic system. <i>International Journal of Systems Science</i> , 2018 , 49, 617-630	2.3	26
150	Dynamics and Synchronization of a Novel Hyperchaotic System Without Equilibrium. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450087	2	26
149	Complex dynamics of a neuron model with discontinuous magnetic induction and exposed to external radiation. <i>Cognitive Neurodynamics</i> , 2018 , 12, 607-614	4.2	25
148	Fractional Form of a Chaotic Map without Fixed Points: Chaos, Entropy and Control. <i>Entropy</i> , 2018 , 20,	2.8	25

147	On Chaos in the Fractional-Order Discrete-Time Unified System and Its Control Synchronization. <i>Entropy</i> , 2018 , 20,	2.8	24
146	Implementation of chaotic circuits with a digital time-delay block. <i>Nonlinear Dynamics</i> , 2012 , 67, 345-355		24
145	Constructing and analyzing of a unique three-dimensional chaotic autonomous system exhibiting three families of hidden attractors. <i>Mathematics and Computers in Simulation</i> , 2017 , 132, 172-182	3.3	24
144	A Hopfield neural network with multiple attractors and its FPGA design. <i>European Physical Journal: Special Topics</i> , 2018 , 227, 811-820	2.3	23
143	A fractional map with hidden attractors: chaos and control. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 1083-1093	2.3	21
142	A Chaotic Hyperjerk System Based on Memristive Device. <i>Studies in Computational Intelligence</i> , 2016 , 39-58	0.8	21
141	A New Chaotic System with Stable Equilibrium: Entropy Analysis, Parameter Estimation, and Circuit Design. <i>Entropy</i> , 2018 , 20,	2.8	21
140	Chaotic Map with No Fixed Points: Entropy, Implementation and Control. <i>Entropy</i> , 2019 , 21,	2.8	20
139	Hidden attractors in a new fractional-order discrete system: Chaos, complexity, entropy, and control. <i>Chinese Physics B</i> , 2020 , 29, 050504	1.2	20
138	Chaos and control of a three-dimensional fractional order discrete-time system with no equilibrium and its synchronization. <i>AIP Advances</i> , 2020 , 10, 045310	1.5	20
137	Systems with Hidden Attractors. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 ,	0.4	19
136	Optimal adaptive higher order controllers subject to sliding modes for a carrier system. <i>International Journal of Advanced Robotic Systems</i> , 2018 , 15, 172988141878209	1.4	19
135	Dynamic Analysis of Complex Synchronization Schemes between Integer Order and Fractional Order Chaotic Systems with Different Dimensions. <i>Complexity</i> , 2017 , 2017, 1-12	1.6	19
134	A novel 4D autonomous 2D-butterfly wing chaotic attractor. <i>Nonlinear Dynamics</i> , 2016 , 85, 2665-2671		19
133	The Fractional Form of the Tinkerbell Map Is Chaotic. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2640	2.6	18
132	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
131	Dynamics of a neuron exposed to integer- and fractional-order discontinuous external magnetic flux. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019 , 20, 584-590	2.2	17
130	A novel chaotic hyperjerk circuit with bubbles of bifurcation: mixed-mode bursting oscillations, multistability, and circuit realization. <i>Physica Scripta</i> , 2020 , 95, 075216	2.6	17

129	Robot Motion Planning in an Unknown Environment with Danger Space. <i>Electronics (Switzerland)</i> , 2019 , 8, 201	2.6	16
128	A new 4D chaotic system with hidden attractor and its engineering applications: Analog circuit design and field programmable gate array implementation 2018 , 90, 1		16
127	AUTOWAVES IN MEMRISTIVE CELLULAR NEURAL NETWORKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1230027	2	16
126	Simplest Megastable Chaotic Oscillator. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950187	2	16
125	Synchronisation of integer-order and fractional-order discrete-time chaotic systems 2019 , 92, 1		15
124	A flexible chaotic system with adjustable amplitude, largest Lyapunov exponent, and local Kaplan-Yorke dimension and its usage in engineering applications. <i>Nonlinear Dynamics</i> , 2018 , 92, 1791-1800	5.0	15
123	The discrete fractional duffing system: Chaos, 0-1 test, C complexity, entropy, and control. <i>Chaos</i> , 2020 , 30, 083131	3.3	15
122	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
121	The Co-existence of Different Synchronization Types in Fractional-order Discrete-time Chaotic Systems with Non-identical Dimensions and Orders. <i>Entropy</i> , 2018 , 20,	2.8	15
120	Multi-scroll Chaotic Oscillator Based on a First-Order Delay Differential Equation. <i>Studies in Computational Intelligence</i> , 2015 , 59-72	0.8	14
119	A Quadratic Fractional Map without Equilibria: Bifurcation, 0-1 Test, Complexity, Entropy, and Control. <i>Electronics (Switzerland)</i> , 2020 , 9, 748	2.6	13
118	Hyperchaos and Coexisting Attractors in a Modified van der Pol-Duffing Oscillator. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950067	2	13
117	Multistability and Coexisting Attractors in a New Circulant Chaotic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950174	2	13
116	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
115	Prediction of bifurcations by varying critical parameters of COVID-19. <i>Nonlinear Dynamics</i> , 2020 , 101, 1-12	5	12
114	Dynamics, Circuit Design, and Synchronization of a New Chaotic System with Closed Curve Equilibrium. <i>Complexity</i> , 2017 , 2017, 1-9	1.6	12
113	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
112	A new transiently chaotic flow with ellipsoid equilibria 2018 , 90, 1		11

111	A fractional-order form of a system with stable equilibria and its synchronization. <i>Advances in Difference Equations</i> , 2018 , 2018,	3.6	11
110	Collective behavior in a two-layer neuronal network with time-varying chemical connections that are controlled by a Petri net. <i>Chaos</i> , 2021 , 31, 033138	3.3	11
109	A New Chaotic Attractor Around a Pre-Located Ring. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750152	2	10
108	Hopf bifurcation, antimonotonicity and amplitude controls in the chaotic Toda jerk oscillator: analysis, circuit realization and combination synchronization in its fractional-order form. <i>Automatika</i> , 2019 , 60, 149-161	1.6	10
107	A Nonlinear Five-Term System: Symmetry, Chaos, and Prediction. <i>Symmetry</i> , 2020 , 12, 865	2.7	10
106	Coexisting infinitely many attractors in a new chaotic system with a curve of equilibria: Its extreme multi-stability and Kolmogorov-Binai entropy computation. <i>Advances in Mechanical Engineering</i> , 2019 , 11, 168781401988804	1.2	10
105	Secure Multiple-Input Multiple-Output Communications Based on FM Synchronization of Fractional-Order Chaotic Systems with Non-Identical Dimensions and Orders. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1746	2.6	10
104	Multistability and coexisting attractors in a fractional order Coronary artery system. <i>European Physical Journal: Special Topics</i> , 2018 , 227, 837-850	2.3	10
103	Antimonotonicity, Bifurcation and Multistability in the Vallis Model for El Niño. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950032	2	9
102	A No-Equilibrium Hyperchaotic System and Its Fractional-Order Form. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-11	1.1	9
101	Chaotic Control in Fractional-Order Discrete-Time Systems. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 207-217	0.4	9
100	Bifurcation and chaos in the fractional form of Hénon-Lozi type map. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 2261-2273	2.3	9
99	An Unprecedented 2-Dimensional Discrete-Time Fractional-Order System and Its Hidden Chaotic Attractors. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-10	1.1	9
98	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
97	Robustness to noise in synchronization of network motifs: experimental results. <i>Chaos</i> , 2012 , 22, 043106.3	6.3	8
96	A novel class of chaotic systems with different shapes of equilibrium and microcontroller-based cost-effective design for digital applications. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	8
95	Chaos synchronization of fractional-order discrete-time systems with different dimensions using two scaling matrices. <i>Open Physics</i> , 2019 , 17, 942-949	1.3	8
94	Different dimensional fractional-order discrete chaotic systems based on the Caputo h-difference discrete operator: dynamics, control, and synchronization. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	8

93	On the Three-Dimensional Fractional-Order Hénon Map with Lorenz-Like Attractors. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050217	2	8
92	Parameter Identification of a Chaotic Circuit with a Hidden Attractor Using Krill Herd Optimization. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650221	2	8
91	Memory Circuit Elements: Complexity, Complex Systems, and Applications. <i>Complexity</i> , 2019 , 2019, 1-4	1.6	8
90	Parameter Identification of Chaotic Systems Using a Modified Cost Function Including Static and Dynamic Information of Attractors in the State Space. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 2039-2054	2.2	8
89	Spiral wave in a two-layer neuronal network. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 2371-2379	3.9	7
88	Multimedia Security Application of a Ten-Term Chaotic System without Equilibrium. <i>Complexity</i> , 2017 , 2017, 1-10	1.6	7
87	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
86	Self-Excited and Hidden Attractors in a Simple Chaotic Jerk System and in Its Time-Delayed Form: Analysis, Electronic Implementation, and Synchronization. <i>Journal of the Korean Physical Society</i> , 2020 , 77, 145-152	0.6	7
85	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
84	Finite-time stabilization of a perturbed chaotic finance model. <i>Journal of Advanced Research</i> , 2021 , 32, 1-14	13	7
83	A Giga-Stable Oscillator with Hidden and Self-Excited Attractors: A Megastable Oscillator Forced by His Twin. <i>Entropy</i> , 2019 , 21,	2.8	6
82	Coexistence of attractors in integer- and fractional-order three-dimensional autonomous systems with hyperbolic sine nonlinearity: Analysis, circuit design and combination synchronisation 2019 , 93, 1		6
81	A class of unexcited hyperjerk systems with megastability and its analog and microcontroller-based embedded system design. <i>Physica Scripta</i> , 2020 , 95, 055214	2.6	6
80	A Chaotic Time-Delay System with Saturation Nonlinearity. <i>International Journal of System Dynamics Applications</i> , 2017 , 6, 111-129	0.7	6
79	A Novel Class of Chaotic Flows with Infinite Equilibriums and Their Application in Chaos-Based Communication Design Using DCSK. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018 , 73, 609-617	1.4	6
78	On the Stability of Linear Incommensurate Fractional-Order Difference Systems. <i>Mathematics</i> , 2020 , 8, 1754	2.3	6
77	Synchronization Control in Reaction-Diffusion Systems: Application to Lengyel-Epstein System. <i>Complexity</i> , 2019 , 2019, 1-8	1.6	6
76	A Novel 5D Chaotic System with Extreme Multi-stability and a Line of Equilibrium and Its Engineering Applications: Circuit Design and FPGA Implementation. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2020 , 44, 59-67	1.9	6

75	Monostability, bistability, periodicity and chaos in gene regulatory network. <i>European Physical Journal: Special Topics</i> , 2018 , 227, 719-730	2.3	6
74	Chaos in a System with an Absolute Nonlinearity and Chaos Synchronization. <i>Advances in Mathematical Physics</i> , 2018 , 2018, 1-12	1.1	6
73	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
72	A New Four-Dimensional Chaotic System With No Equilibrium Point 2019 , 63-76		5
71	Fractional Grassi-Miller Map Based on the Caputo h-Difference Operator: Linear Methods for Chaos Control and Synchronization. <i>Discrete Dynamics in Nature and Society</i> , 2020 , 2020, 1-10	1.1	5
70	Bifurcations, Hidden Chaos and Control in Fractional Maps. <i>Symmetry</i> , 2020 , 12, 879	2.7	5
69	Dynamic system with no equilibrium and its chaos anti-synchronization. <i>Automatika</i> , 2018 , 59, 35-42	1.6	5
68	Synchronization of Fractional-Order Discrete-Time Chaotic Systems. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 218-228	0.4	5
67	A Novel Megastable Hamiltonian System with Infinite Hyperbolic and Nonhyperbolic Equilibria. <i>Complexity</i> , 2020 , 2020, 1-12	1.6	5
66	Synchronous Reluctance Motor with Load Vibration Perturbation: Analysis, Electronic Implementation and Adaptive Backstepping Sliding Mode Control. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2021 , 45, 645-654	1.9	5
65	Some New Dissipative Chaotic Systems with Cyclic Symmetry. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850164	2	5
64	A Three-Dimensional Chaotic System with Square Equilibrium and No-Equilibrium. <i>Studies in Computational Intelligence</i> , 2017 , 613-635	0.8	4
63	A New Five Dimensional Multistable Chaotic System With Hidden Attractors 2019 , 77-87		4
62	Synchronization Methods for the Degn-Harrison Reaction-Diffusion Systems. <i>IEEE Access</i> , 2020 , 8, 91829-91836	3.5	4
61	A new hidden attractor hyperchaotic memristor oscillator with a line of equilibria. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 1279-1288	2.3	4
60	Systems with Stable Equilibria. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017 , 21-35	0.4	4
59	Complexity, Dynamics, Control, and Applications of Nonlinear Systems with Multistability. <i>Complexity</i> , 2020 , 2020, 1-7	1.6	4
58	Investigation of dynamical properties in a chaotic flow with one unstable equilibrium: Circuit design and entropy analysis. <i>Chaos, Solitons and Fractals</i> , 2018 , 115, 7-13	9.3	4

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