Mehmet Onur Fen

List of Publications by Year
in descending order

44 papers	504 citations	686830 13 h-index	676716 22 g-index
47 all docs	47 docs citations	47 times ranked	145 citing authors

#	Article	IF	Citations
1	Chaotic period-doubling and OGY control for the forced Duffing equation. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 1929-1946.	1.7	50
2	Replication of chaos. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 2626-2666.	1.7	47
3	Unpredictable points and chaos. Communications in Nonlinear Science and Numerical Simulation, 2016, 40, 1-5.	1.7	44
4	Poincaré chaos and unpredictable functions. Communications in Nonlinear Science and Numerical Simulation, 2017, 48, 85-94.	1.7	39
5	Non-autonomous equations with unpredictable solutions. Communications in Nonlinear Science and Numerical Simulation, 2018, 59, 657-670.	1.7	31
6	Generation of cyclic/toroidal chaos by Hopfield neural networks. Neurocomputing, 2014, 145, 230-239.	3.5	28
7	Chaos in economic models with exogenous shocks. Journal of Economic Behavior and Organization, 2014, 106, 95-108.	1.0	26
8	Homoclinic and Heteroclinic Motions in Economic Models with Exogenous Shocks. Applied Mathematics and Nonlinear Sciences, 2016, 1, 1-10.	0.9	26
9	Replication of Chaos in Neural Networks, Economics and Physics. Nonlinear Physical Science, 2016, , .	0.2	25
10	Existence of unpredictable solutions and chaos. Turkish Journal of Mathematics, 2017, 41, 254-266.	0.3	23
11	Attraction of Li–Yorke chaos by retarded SICNNs. Neurocomputing, 2015, 147, 330-342.	3.5	15
12	Unpredictable solutions of linear differential and discrete equations. Turkish Journal of Mathematics, 2019, 43, 2377-2389.	0.3	14
13	Li-Yorke chaos generation by SICNNs with chaotic/almost periodic postsynaptic currents. Neurocomputing, 2016, 173, 580-594.	3.5	13
14	Chaotification of Impulsive Systems by Perturbations. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450078.	0.7	11
15	Dynamics with Chaos and Fractals. Advances in Dynamics, Patterns, Cognition, 2020, , .	0.2	11
16	Persistence of chaos in coupled Lorenz systems. Chaos, Solitons and Fractals, 2017, 95, 200-205.	2.5	10
17	Extension of Lorenz Unpredictability. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550126.	0.7	9
18	Unpredictable Solutions of Linear Impulsive Systems. Mathematics, 2020, 8, 1798.	1.1	9

#	Article	IF	Citations
19	SICNNs with Li-Yorke chaotic outputs on a time scale. Neurocomputing, 2017, 237, 158-165.	3.5	7
20	Impulsive SICNNs with chaotic postsynaptic currents. Discrete and Continuous Dynamical Systems - Series B, 2016, 21, 1119-1148.	0.5	7
21	Extension of spatiotemporal chaos in glow discharge-semiconductor systems. Chaos, 2014, 24, 043127.	1.0	6
22	Liâ€"Yorke Chaos in Hybrid Systems on a Time Scale. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1540024.	0.7	6
23	Almost periodic solutions of retarded SICNNs with functional response on piecewise constant argument. Neural Computing and Applications, 2016, 27, 2483-2495.	3.2	6
24	Almost Periodicity in Chaos. Discontinuity, Nonlinearity, and Complexity, 2018, 7, 15-29.	0.1	6
25	Generation of fractals as Duffing equation orbits. Chaos, 2019, 29, 053113.	1.0	4
26	Extension of sea surface temperature unpredictability. Ocean Dynamics, 2019, 69, 145-156.	0.9	4
27	Homoclinical Structure of Retarded SICNNs with Rectangular Input Currents. Neural Processing Letters, 2019, 49, 521-538.	2.0	4
28	Input-Output Mechanism of the Discrete Chaos Extension. Advances in Dynamics, Patterns, Cognition, 2016, , 203-233.	0.2	4
29	Replication of period-doubling route to chaos in impulsive systems. Electronic Journal of Qualitative Theory of Differential Equations, 2019, , 1-20.	0.2	4
30	Homoclinic and heteroclinic motions in hybrid systems with impacts. Mathematica Slovaca, 2017, 67, 1179-1188.	0.3	3
31	Persistence of Liâ€"Yorke chaos in systems with relay. Electronic Journal of Qualitative Theory of Differential Equations, 2017, , 1-18.	0.2	3
32	Unpredictable oscillations of SICNNs with delay. Neurocomputing, 2021, 464, 119-129.	3.5	2
33	Perturbed Liâ€"Yorke homoclinic chaos. Electronic Journal of Qualitative Theory of Differential Equations, 2018, , 1-18.	0.2	2
34	Exogenous Versus Endogenous for Chaotic Business Cycles. Discontinuity, Nonlinearity, and Complexity, 2016, 5, 101-119.	0.1	2
35	Period-doubling route to chaos in shunting inhibitory cellular neural networks. , 2013, , .		1
36	Chaos by Neural Networks. Nonlinear Physical Science, 2016, , 311-405.	0.2	1

#	Article	IF	Citations
37	Strongly Unpredictable Solutions. Advances in Dynamics, Patterns, Cognition, 2020, , 97-108.	0.2	1
38	Mapping Fatou-Julia Iterations. , 2018, , .		0
39	Global Weather and Climate in the Light of El NiÃ±o-Southern Oscillation. Advances in Dynamics, Patterns, Cognition, 2020, , 139-172.	0.2	0
40	Unpredictability in Topological Dynamics. Advances in Dynamics, Patterns, Cognition, 2020, , 57-79.	0.2	0
41	Fractals: Dynamics in the Geometry. Advances in Dynamics, Patterns, Cognition, 2020, , 173-202.	0.2	0
42	Homoclinic and Heteroclinic Motions in Economic Models. Advances in Dynamics, Patterns, Cognition, 2020, , 125-137.	0.2	0
43	Unpredictable Solutions of Hyperbolic Linear Equations. Advances in Dynamics, Patterns, Cognition, 2020, , 81-95.	0.2	0
44	Unpredictability in Bebutov Dynamics. Advances in Dynamics, Patterns, Cognition, 2020, , 25-40.	0.2	0