Manish Dev Shrimali

List of Publications by Year
in descending order

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64 papers	1,415 citations	361045 20 h-index	360668 35 g-index
65 all docs	65 docs citations	65 times ranked	677 citing authors

#	Article	IF	Citations
1	Machine-learning potential of a single pendulum. Physical Review E, 2022, 105, .	0.8	8
2	Explosive synchronization induced by environmental coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 441, 128147.	0.9	4
3	Controlling multistability with intermittent noise. Chaos, Solitons and Fractals, 2022, 160, 112187.	2.5	3
4	Emergent rhythms in coupled nonlinear oscillators due to dynamic interactions. Chaos, 2021, 31, 011105.	1.0	19
5	Dynamic interaction induced explosive death. Europhysics Letters, 2021, 133, 40003.	0.7	23
6	Chimera states in a class of hidden oscillatory networks. Nonlinear Dynamics, 2021, 104, 1645-1655.	2.7	6
7	Achieving criticality for reservoir computing using environment-induced explosive death. Chaos, 2021, 31, 031101.	1.0	9
8	Enhanced synchronization due to intermittent noise. New Journal of Physics, 2021, 23, 112001.	1.2	14
9	Aging in global networks with competing attractiveâ€"Repulsive interaction. Chaos, 2020, 30, 123112.	1.0	8
10	Time varying feedback control on multi-stability in hidden attractor. European Physical Journal: Special Topics, 2020, 229, 1245-1255.	1.2	2
11	Static and dynamic attractiveâ€"repulsive interactions in two coupled nonlinear oscillators. Chaos, 2020, 30, 033114.	1.0	16
12	Hostâ€"parasite coevolution: Role of selection, mutation, and asexual reproduction on evolvability. Chaos, 2020, 30, 073103.	1.0	1
13	Explosive death in complex network. Chaos, 2019, 29, 063127.	1.0	19
14	The dynamics of two coupled Van der Pol oscillators with attractive and repulsive coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 125930.	0.9	19
15	Dynamics of nonlinear oscillator with transient feedback. International Journal of Dynamics and Control, 2019, 7, 1015-1020.	1.5	6
16	Universal transition to inactivity in global mixed coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2056-2060.	0.9	5
17	Suppression and revival of oscillations through time-varying interaction. Chaos, Solitons and Fractals, 2019, 118, 249-254.	2.5	12
18	Phase-flip in relay oscillators via linear augmentation. Chaos, Solitons and Fractals, 2018, 107, 5-12.	2.5	6

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19	Finite-time Lyapunov dimension and hidden attractor of the Rabinovich system. Nonlinear Dynamics, 2018, 92, 267-285.	2.7	125
20	Revival of oscillations via common environment. Nonlinear Dynamics, 2018, 91, 2219-2225.	2.7	10
21	Shadowing in hidden attractors. Nonlinear Dynamics, 2018, 91, 2429-2434.	2.7	6
22	Co-existence of in-phase oscillations and oscillation death in environmentally coupled limit cycle oscillators. Chaos, Solitons and Fractals, 2018, 110, 55-63.	2.5	12
23	Control of coexisting attractors via temporal feedback. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2127-2132.	0.9	29
24	First order transition to oscillation death through an environment. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2122-2126.	0.9	25
25	Explosive death induced by meanâ€“field diffusion in identical oscillators. Scientific Reports, 2017, 7, 7936.	1.6	34
26	Intermittent feedback induces attractor selection. Physical Review E, 2017, 95, 042215.	0.8	20
27	Time-delayed conjugate coupling in dynamical systems. European Physical Journal: Special Topics, 2017, 226, 1903-1910.	1.2	4
28	Dynamics of nonlinear oscillators with time-varying conjugate coupling. , 2017, 1, 157-161.		2
29	Phase-flip and oscillation-quenching-state transitions through environmental diffusive coupling. Physical Review E, 2016, 94, 062218.	0.8	14
30	Phase switching in Hindmarsh-Rose relay neurons. European Physical Journal: Special Topics, 2016, 225, 17-27.	1.2	5
31	Suppression and revival of oscillation in indirectly coupled limit cycle oscillators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 3178-3184.	0.9	20
32	Oscillation suppression in indirectly coupled limit cycle oscillators. Physical Review E, 2015, 92, 022928.	0.8	23
33	Controlling Dynamics of Hidden Attractors. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550061.	0.7	119
34	Control of multistability in hidden attractors. European Physical Journal: Special Topics, 2015, 224, 1485-1491.	1.2	189
35	Suppression of oscillations in mean-field diffusion. Pramana - Journal of Physics, 2015, 84, 237-247.	0.9	11
36	Effect of mixed coupling on relay-coupled RÃ¶ssler and Lorenz oscillators. Physical Review E, 2014, 90, 062907.	0.8	8

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37	Realizing logic gates with time-delayed synthetic genetic networks. Nonlinear Dynamics, 2014, 76, 431-439.	2.7	45
38	Effect of parameter mismatch and time delay interaction on density-induced amplitude death in coupled nonlinear oscillators. Nonlinear Dynamics, 2014, 76, 1797-1806.	2.7	14
39	Experimental evidence for amplitude death induced by a time-varying interaction. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2845-2850.	0.9	14
40	Controlling dynamical behavior of drive-response system through linear augmentation. European Physical Journal: Special Topics, 2014, 223, 1531-1539.	1.2	26
41	Bio-inspired computation using synthetic genetic network. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 367-369.	0.9	9
42	Controlling bistability by linear augmentation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 2329-2332.	0.9	57
43	Delayed q-deformed logistic map. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 3126-3133.	1.7	10
44	Phase-flip transition in nonlinear oscillators coupled by dynamic environment. Chaos, 2012, 22, 023147.	1.0	38
45	Amplitude death with mean-field diffusion. Physical Review E, 2012, 85, 057204.	0.8	73
46	Experimental realization of mixed-synchronization in counter-rotating coupled oscillators. Nonlinear Dynamics, 2012, 69, 371-377.	2.7	10
47	Amplitude death in nonlinear oscillators with indirect coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1562-1566.	0.9	33
48	Synchronization of indirectly coupled Lorenz oscillators: An experimental study. Pramana - Journal of Physics, 2011, 77, 881-889.	0.9	7
49	Targeting fixed-point solutions in nonlinear oscillators through linear augmentation. Physical Review E, 2011, 83, 067201.	0.8	47
50	Phase-flip transition in relay-coupled nonlinear oscillators. Physical Review E, 2011, 84, 016226.	0.8	35
51	Delay-coupled discrete maps: Synchronization, bistability, and quasiperiodicity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2636-2639.	0.9	5
52	Under what kind of parametric fluctuations is spatiotemporal regularity the most robust?. Pramana - Journal of Physics, 2010, 74, 895-906.	0.9	3
53	Pinning control of threshold coupled chaotic neuronal maps. Chaos, 2009, 19, 033105.	1.0	8
54	Asynchronous updating of threshold-coupled chaotic neurons. Pramana - Journal of Physics, 2008, 70, 1127-1134.	0.9	3

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55	Threshold control of chaotic neural network. Neural Networks, 2008, 21, 114-121.	3.3	30
56	THE NATURE OF ATTRACTOR BASINS IN MULTISTABLE SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 1675-1688.	0.7	29
57	Enhancement of spatiotemporal regularity in an optimal window of random coupling. Physical Review E, 2008, 78, 035201.	0.8	27
58	Asynchronous updating induces order in threshold coupled systems. Physical Review E, 2007, 76, 046212.	0.8	6
59	Chaos control in a neural network with threshold activated coupling. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	3
60	Partial state feedback control of chaotic neural network and its application. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 371, 228-233.	0.9	19
61	Control and Synchronization of Chaotic Neurons Under Threshold Activated Coupling. Lecture Notes in Computer Science, 2007, , 954-962.	1.0	4
62	Basin bifurcations in quasiperiodically forced coupled systems. Physical Review E, 2005, 72, 036215.	0.8	14
63	Phase ordering at crises. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 295, 273-279.	0.9	8
64	Critical transition influenced by dynamic quorum sensing in nonlinear oscillators. European Physical Journal: Special Topics, 0, , 1.	1.2	2