

Yuangen Yao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Logical chaotic resonance in the FitzHugh–Nagumo neuron. <i>Nonlinear Dynamics</i> , 2022, 107, 3887-3901.	2.7	17
2	Effect of phase disturbance on logical vibrational resonance. <i>Chinese Journal of Physics</i> , 2022, 77, 124-133.	2.0	4
3	Enhanced logical chaotic resonance. <i>Chaos</i> , 2021, 31, 023103.	1.0	24
4	Cross-correlated sine-Wiener bounded noises-induced logical stochastic resonance. <i>Pramana - Journal of Physics</i> , 2021, 95, 1.	0.9	14
5	Effect of time-delayed feedback in a bistable system inferred by logic operation. <i>Chaos, Solitons and Fractals</i> , 2021, 148, 111043.	2.5	15
6	PlantMirP2: An Accurate, Fast and Easy-To-Use Program for Plant Pre-miRNA and miRNA Prediction. <i>Genes</i> , 2021, 12, 1280.	1.0	4
7	Chaos-induced Set–Reset latch operation. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111339.	2.5	14
8	Time-varying coupling-induced logical stochastic resonance in a periodically driven coupled bistable system*. <i>Chinese Physics B</i> , 2021, 30, 060503.	0.7	21
9	miRNAPredictor: Genome-free prediction of fungi miRNAs by incorporating k-mer scheme and distance-dependent pair potential. <i>Genomics</i> , 2020, 112, 2233-2240.	1.3	6
10	Sine-Wiener bounded noise-induced logical stochastic resonance in a two-well potential system. <i>Chaos, Solitons and Fractals</i> , 2020, 131, 109514.	2.5	37
11	Noise-free logic and Set-Reset latch operation in a triple-well potential system. <i>Chinese Journal of Physics</i> , 2020, 68, 178-190.	2.0	13
12	Periodic and aperiodic force-induced logical stochastic resonance in a bistable system. <i>Chaos</i> , 2020, 30, 073125.	1.0	18
13	Weak Quasiperiodic Signal Propagation through Multilayer Feed-Forward Hodgkin–Huxley Neuronal Network. <i>Complexity</i> , 2020, 2020, 1-9.	0.9	3
14	Logical Chaotic Resonance in a Bistable System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2050196.	0.7	27
15	Enhanced logical vibrational resonance in a two-well potential system. <i>Chaos, Solitons and Fractals</i> , 2020, 138, 109952.	2.5	33
16	PlantMirP-Rice: An Efficient Program for Rice Pre-miRNA Prediction. <i>Genes</i> , 2020, 11, 662.	1.0	4
17	Set–reset latch logic operation in a bistable system under suprathreshold and subthreshold signals. <i>Chaos</i> , 2020, 30, 023119.	1.0	23
18	Synchronization and wave propagation in neuronal network under field coupling. <i>Science China Technological Sciences</i> , 2019, 62, 448-457.	2.0	77

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19	Synchronization realization between two nonlinear circuits via an induction coil coupling. <i>Nonlinear Dynamics</i> , 2019, 96, 205-217.	2.7	80
20	ANDIS: an atomic angle- and distance-dependent statistical potential for protein structure quality assessment. <i>BMC Bioinformatics</i> , 2019, 20, 299.	1.2	9
21	Enhancement of weak signal detection in the Hodgkin-Huxley neuron subjected to electromagnetic fluctuation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 531, 121734.	1.2	14
22	Enhancement of temporal regularity and degradation of spatial synchronization induced by cross-correlated sine-Wiener noises in regular and small-world neuronal networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 520, 361-369.	1.2	13
23	Delay-induced synchronization transition in a small-world neuronal network of FitzHugh-Nagumo neurons subjected to sine-Wiener bounded noise. <i>International Journal of Modern Physics B</i> , 2019, 33, 1950053.	1.0	11
24	Impact of cross-correlated sine-Wiener noises in the gene transcriptional regulatory system. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 6587-6601.	1.0	3
25	Detection of sub-threshold periodic signal by multiplicative and additive cross-correlated sine-Wiener noises in the FitzHugh-Nagumo neuron. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 492, 1247-1256.	1.2	35
26	Weak periodic signal detection by sine-Wiener-noise-induced resonance in the FitzHugh-Nagumo neuron. <i>Cognitive Neurodynamics</i> , 2018, 12, 343-349.	2.3	74
27	Signal transmission by autapse with constant or time-periodic coupling intensity in the FitzHugh-Nagumo neuron. <i>European Physical Journal: Special Topics</i> , 2018, 227, 757-766.	1.2	15
28	Subthreshold Periodic Signal Detection by Bounded Noise-Induced Resonance in the FitzHugh-Nagumo Neuron. <i>Complexity</i> , 2018, 2018, 1-10.	0.9	25
29	Breakup of Spiral Wave and Order-Disorder Spatial Pattern Transition Induced by Spatially Uniform Cross-Correlated Sine-Wiener Noises in a Regular Network of Hodgkin-Huxley Neurons. <i>Complexity</i> , 2018, 2018, 1-10.	0.9	11
30	Coherence resonance induced by cross-correlated sine-Wiener noises in the FitzHugh-Nagumo neurons. <i>International Journal of Modern Physics B</i> , 2017, 31, 1750204.	1.0	24
31	Impact of bounded noise on the formation and instability of spiral wave in a 2D Lattice of neurons. <i>Scientific Reports</i> , 2017, 7, 43151.	1.6	46
32	Dynamics and robustness of the cardiac progenitor cell induced pluripotent stem cell network during cell phenotypes transition. <i>IET Systems Biology</i> , 2017, 11, 1-7.	0.8	4
33	Impact of Bounded Noise and Rewiring on the Formation and Instability of Spiral Waves in a Small-World Network of Hodgkin-Huxley Neurons. <i>PLoS ONE</i> , 2017, 12, e0171273.	1.1	17
34	Diverse effects of distance cutoff and residue interval on the performance of distance-dependent atom-pair potential in protein structure prediction. <i>BMC Bioinformatics</i> , 2017, 18, 542.	1.2	3
35	Noise Decomposition Principle in a Coherent Feed-Forward Transcriptional Regulatory Loop. <i>Frontiers in Physiology</i> , 2016, 7, 600.	1.3	23
36	plantMirP: an efficient computational program for the prediction of plant pre-miRNA by incorporating knowledge-based energy features. <i>Molecular BioSystems</i> , 2016, 12, 3124-3131.	2.9	15

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37	qiRNApredictor: A Novel Computational Program for the Prediction of qiRNAs in <i>Neurospora crassa</i> . PLoS ONE, 2016, 11, e0159487.	1.1	1
38	Systematic characterization of small RNAome during zebrafish early developmental stages. BMC Genomics, 2014, 15, 117.	1.2	27
39	Towards a better understanding of the novel avian-origin H7N9 influenza A virus in China. Scientific Reports, 2013, 3, 2318.	1.6	17