zhenkun Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1093399/publications.pdf

Version: 2024-02-01

49	882	393982	476904
papers	citations	19	29
		h-index	g-index

51	51	51	381
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Existence and exponential stability of almost periodic solution for shunting inhibitory cellular neural networks with impulsesâ˜†. Chaos, Solitons and Fractals, 2007, 34, 1599-1607.	2.5	75
2	The existence and global attractivity of almost periodic sequence solution of discrete-time neural networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 350, 182-191.	0.9	67
3	Multistability and multiperiodicity of high-order competitive neural networks with a general class of activation functions. Neurocomputing, 2012, 82, 1-13.	3.5	53
4	Exponential p-stability of delayed Cohenâ€“Grossberg-type BAM neural networks with impulses. Chaos, Solitons and Fractals, 2008, 38, 806-818.	2.5	47
5	The existence and exponential attractivity of Î²-almost periodic sequence solution of discrete time neural networks. Nonlinear Dynamics, 2007, 50, 13-26.	2.7	39
6	Multistability in Networks With Self-Excitation and High-Order Synaptic Connectivity. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 2144-2155.	3.5	39
7	Existence and globally exponential stability of equilibrium for BAM neural networks with impulses. Chaos, Solitons and Fractals, 2008, 37, 588-597.	2.5	38
8	Scale-Limited Activating Sets and Multiperiodicity for Threshold-Linear Networks on Time Scales. IEEE Transactions on Cybernetics, 2014, 44, 488-499.	6.2	38
9	Global exponential stability of BAM neural networks with transmission delays and nonlinear impulses. Chaos, Solitons and Fractals, 2008, 38, 489-498.	2.5	35
10	The dynamic behavior of N-species cooperation system with continuous time delays and feedback controls. Applied Mathematics and Computation, 2006, 181, 803-815.	1.4	33
11	Multistability analysis for a general class of delayed Cohenâ€“Grossberg neural networks. Information Sciences, 2012, 187, 233-244.	4.0	32
12	Multiperiodicity of Periodically Oscillated Discrete-Time Neural Networks With Transient Excitatory Self-Connections and Sigmoidal Nonlinearities. IEEE Transactions on Neural Networks, 2010, 21, 1643-1655.	4.8	29
13	Existence of almost periodic solutions for forced perturbed systems with piecewise constant argument. Journal of Mathematical Analysis and Applications, 2007, 333, 798-816.	0.5	28
14	Consensus of multi-agent system with distributed control on time scales. Applied Mathematics and Computation, 2016, 277, 54-71.	1.4	27
15	Synchronizing Neural Networks With Proportional Delays Based on a Class of q-Type Allowable Time Scales. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3418-3428.	7.2	27
16	Robust stability analysis of static neural network with S-type distributed delays. Applied Mathematical Modelling, 2009, 33, 760-769.	2.2	26
17	Global attractivity of an almost periodic N-species nonlinear ecological competitive model. Journal of Mathematical Analysis and Applications, 2008, 337, 144-168.	0.5	24
18	Multi-almost periodicity in semi-discretizations of a general class of neural networks. Mathematics and Computers in Simulation, 2014, 101, 43-60.	2.4	24

#	Article	IF	Citations
19	Exponential p-stability of second order Cohenâ€“Grossberg neural networks with transmission delays and learning behavior. Simulation Modelling Practice and Theory, 2007, 15, 622-634.	2.2	19
20	Exponential periodic attractor of impulsive BAM networks with finite distributed delays. Chaos, Solitons and Fractals, 2009, 39, 373-384.	2.5	18
21	Exponential stability of impulsive Cohenâ€“Grossberg networks with distributed delays. International Journal of Circuit Theory and Applications, 2008, 36, 345-365.	1.3	17
22	Incorporate intelligence into an ecological system: An adaptive fuzzy control approach. Applied Mathematics and Computation, 2006, 177, 243-250.	1.4	16
23	Convergence analysis of general neural networks under almost periodic stimuli. International Journal of Circuit Theory and Applications, 2009, 37, 723-750.	1.3	16
24	Multistability of HNNs with almost periodic stimuli and continuously distributed delays. International Journal of Systems Science, 2009, 40, 615-625.	3.7	15
25	Exponential attractor of -almost periodic sequence solution of discrete-time bidirectional neural networks. Simulation Modelling Practice and Theory, 2010, 18, 317-337.	2.2	12
26	New results on exponential attractivity of multiple almost periodic solutions of cellular neural networks with time-varying delays. Mathematical and Computer Modelling, 2010, 52, 1521-1531.	2.0	12
27	almost periodic attractors for CNNs with variable and distributed delays. Journal of the Franklin Institute, 2009, 346, 391-412.	1.9	10
28	Multiperiodicity analysis and numerical simulation of discrete-time transiently chaotic non-autonomous neural networks with time-varying delays. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 1348-1357.	1.7	10
29	A topological approach to the existence of solutions for nonlinear differential equations with piecewise constant argument. Chaos, Solitons and Fractals, 2009, 39, 1121-1131.	2.5	8
30	Exponential periodic attractor of discrete-time BAM neural networks with transmission delays. Computational Mathematics and Modeling, 2009, 20, 258-277.	0.2	7
31	Non-typical multistability in neural networks with distributed delays. Neurocomputing, 2013, 121, 207-217.	3.5	6
32	A Predatorâ€“Prey system with anorexia response. Nonlinear Analysis: Real World Applications, 2007, 8, 1-19.	0.9	5
33	ALMOST PERIODICITY IN AN IMPULSIVE LOGISTIC EQUATION WITH INFINITE DELAY. International Journal of Biomathematics, 2008, 01, 355-360.	1.5	5
34	Self-excitation of neurons leads to multiperiodicity of discrete-time neural networks with distributed delays. Science China Information Sciences, 2011, 54, 305-317.	2.7	5
35	Optimal fuzzy control of a poisoning-pest model. Applied Mathematics and Computation, 2005, 171, 730-737.	1.4	4
36	A Predatorâ€“Prey system with viral infection and anorexia response. Applied Mathematics and Computation, 2006, 175, 1455-1483.	1.4	3

#	Article	IF	Citations
37	nce of <mml:math altimg="si4.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"	2.2	3
38	Biperiodicity in neutral-type delayed difference neural networks. Advances in Difference Equations, 2012, 2012, .	3.5	3
39	Multistable learning dynamics in second-order neural networks with time-varying delays. International Journal of Computer Mathematics, 2011, 88, 1327-1346.	1.0	2
40	Synchronization of CVNNs: A Time-Scale Impulsive Strategy. IEEE Access, 2021, 9, 31762-31772.	2.6	2
41	Dynamical Analysis of DTNN with Impulsive Effect. Discrete Dynamics in Nature and Society, 2009, 2009, 1-12.	0.5	1
42	Almost Periodic Solutions for Wilson-Cowan Type Model with Time-Varying Delays. Discrete Dynamics in Nature and Society, 2013, 2013, 1-7.	0.5	1
43	Synchronization of state-switching hopfield-type neural networks: A quantized level set approach. Chaos, Solitons and Fractals, 2019, 129, 16-24.	2.5	1
44	Memory Patterns Analysis for Discrete-Time Neural Networks with Periodic Coefficients and Time-Varying Transmission Delays. , 2009, , .		0
45	Aİ„-type stability criteria in division regions for multitime-scale networks with delays. Mathematical Methods in the Applied Sciences, 2011, 34, 2242-2258.	1.2	0
46	Oscillation Analysis for a Recurrent Neural Network Model with Distributed Delays. Communications in Computer and Information Science, 2012, , 1-9.	0.4	0
47	Oscillatory Behavior for a Class of Recurrent Neural Networks with Time-Varying Input and Delays. Lecture Notes in Computer Science, 2012, , 55-63.	1.0	0
48	Synchronization of Complex-Valued SICNNs with Distributed Delays via a Module-phase-type Controller. Lecture Notes in Electrical Engineering, 2022, , 711-718.	0.3	0
49	A Time-Scale Integral Delay Inequality Approach for Antisynchronization of Neural Networks via Impulsive Controllers. IEEE Transactions on Control of Network Systems, 2023, 10, 194-204.	2.4	0